

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 11,547,436
APPLICATION NO.: 17/698,641
ISSUE DATE : 01/10/2023
INVENTOR(S) : Matthew J. ALLAWAY

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims:

Claim 25, Column 38, Line 18, delete "portions" and replace with --ports--.

MAILING ADDRESS OF SENDER (Please do not use Customer Number below):

POLSINELLI PC
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Kansas City, MO 64114-0310

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CORBIN_CLINICAL-001928

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	: 17/698,641	Confirmation No.	: 9971
First Applicant	: Matthew J. Allaway	Art Unit	: 3793
Filed	: 03/18/2022	Examiner	: Sanjay Cattungal
Patent No.	: 11,547,436		
Issue Date:	: 01/10/2023		
Title	: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE		
Docket No.	: 083003-722509		
Customer No.	: 24030		

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR § 1.323**

Via EFS-Web

Attn: Certificate of Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

Commissioner:

A Certificate of Correction for the above-referenced U.S. Patent is sought herein pursuant to 35 U.S.C. § 255. This petition is presented in accordance with 37 C.F.R. § 1.323.

Certificate of Correction – Applicant’s Mistake (37 C.F.R. § 1.323)

The correction sought below is to correct a mistake, which was incurred through fault of the Applicant, and is clearly disclosed through the records of the Office.

Claim 26, now patented claim 25, contained an error by the Applicant as shown below:

26. The method of claim 25, wherein securing the access needle to the one of a plurality of needle receiving ports of the displacement member includes inserting a structure that is engaged with the tubular shaft of the access needle into the one of a plurality of needle receiving ~~portions~~ ports of the displacement member.

The term “one of a plurality of needle receiving *ports*” has antecedent basis in claim 25, now patented claim 24. For reference in the file history, see new claims 25 and 26 in the Amendment and Response to Non-Final Office Action dated August 25, 2022.

A Certificate of Correction PTO/SB/44 is attached.

CORBIN_CLINICAL-001929

Conclusion

Applicant's representative respectfully requests that a Certificate of Correction be issued for the above-referenced application. As the correction requested herein was due to Applicant's mistake, please charge \$160 to the deposit account submitted herewith pursuant to 37 CFR § 1.20(a).

The Applicant believes no further fees or petitions are required. However, if any such petitions or fees are necessary, please consider this a request therefor and authorization to charge Deposit Account No. 50-1662 accordingly. Any deficiency or overpayment may also be applied to Deposit Account No. 50-1662.

Respectfully submitted,

Date: January 24, 2023

/Joshua J. Prackun/
Joshua J. Prackun, Registration No. 70712
USPTO Customer No. 24030
Tel: 303-583-8269

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PO Box 140310
Kansas City, MO 64114-0310
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UNITED STATES
PATENT AND TRADEMARK OFFICE

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/698,641

RECEIPT DATE / TIME
01/24/2023 05:06:24 PM ET

ATTORNEY DOCKET #
083003-722509

Title of Invention

TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # 11547436

CONFIRMATION # 9971

FILED BY Donna Carrera

PATENT CENTER # 61485561

FILING DATE 03/18/2022

CUSTOMER # 24030

FIRST NAMED INVENTOR Matthew J. ALLAWAY

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Josh Prancun

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
083003-722509_CertificateofCorrection_PTOSB44.pdf	1	Request for Certificate of Correction	79 KB
083003-722509_Request_for_Certificate_of_Correction.pdf	2	Request for Certificate of Correction	133 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
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CORBIN_CLINICAL-001931

083003-722509_CertificateofCorrection_PTOSB44.pdf	EDA1BB5C9D4D5461C695A56AC308DABC07777ADCDOB59C0006FDF3C66CBED74B75D3A2E16C30E56472D99F567A385D3F01E4AE845B4C60BD5339A9535F1E876C
083003-722509_Request_for_Certificate_of_Correction.pdf	B7EDF95561DD392B5680FA190B89D00BF6F7A5EB74C25B033E2BC373AC36E2A4B8990652CF1C127CAFC69924DEA4EBE273DA685EB8B3154B334B0DA17C51BA1C

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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CORBIN_CLINICAL-001932



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/698,641

RECEIPT DATE / TIME
01/24/2023 05:06:24 PM ET

ATTORNEY DOCKET #
083003-722509

Title of Invention

TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # 11547436

CONFIRMATION # 9971

FILED BY Donna Carrera

PATENT CENTER # 61485561

AUTHORIZED BY Josh Prackun

CUSTOMER # 24030

FILING DATE 03/18/2022

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Matthew J. ALLAWAY

Payment Information

PAYMENT METHOD
DA / 501662

PAYMENT TRANSACTION ID
E20231NH06533177

PAYMENT AUTHORIZED BY
Donna Carrera

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2811	CERTIFICATE OF CORRECTION	160.00	1	160.00
TOTAL AMOUNT:				\$160.00

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New Applications Under 35 U.S.C. 111

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National Stage of an International Application under 35 U.S.C. 371

CORBIN_CLINICAL-001933

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New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

CORBIN_CLINICAL-001934

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From: PAIR_eOfficeAction@uspto.gov
Cc: PAIR_eOfficeAction@uspto.gov
Subject: Private PAIR Correspondence Notification for Customer Number 24030

Dec 22, 2022 03:18:49 AM

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Application	Document	Mailroom Date	Attorney Docket No.
17698641	ISSUE.NTF	12/21/2022	083003-722509

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PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

CORBIN_CLINICAL-001935



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/698,641	01/10/2023	11547436	083003-722509	9971

24030 7590 12/21/2022
POL SINELLI PC
PO Box 140310
KANSAS CITY, MO 64114-0310

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional inventors):

Matthew J. ALLAWAY, Cumberland, MD;

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Corbin Clinical Resources, LLC, Cumberland, MD;

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IR103 (Rev. 10/09)

CORBIN_CLINICAL-001936



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/698,641	03/18/2022	Matthew J. ALLAWAY	083003-722509	9971
24030	7590	11/28/2022		
POL SINELLI PC			EXAMINER	
PO Box 140310			CATTUNGAL, SANJAY	
KANSAS CITY, MO 64114-0310				
			ART UNIT	PAPER NUMBER
			3793	
			NOTIFICATION DATE	DELIVERY MODE
			11/28/2022	ELECTRONIC

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The time period for reply, if any, is set in the attached communication.

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U.S. Patent and Trademark Office
PTOL-271 (Rev. 08-21)

Response to Rule 312 Communication

Part of Paper No. 20221119
CORBIN CLINICAL-001938

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor(s): Matthew J. Allaway	
App. No.: 17/698,641	Con. No.: 9971
Filed: March 18, 2022	Art Unit: 3793
Title: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE	Examiner: Sanjay Cattungal

AMENDMENT UNDER 37 C.F.R. § 1.312

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the NOTICE OF ALLOWANCE AND FEE(S) DUE dated October 4, 2022 (the "Notice") and prior to payment of the issue fee, Applicant respectfully requests to amend the above-identified application as follows:

Amendments to the Claims begin on page 2; and

Remarks begin on page 7.

To: uspt@polsinelli.com,,
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Nov 28, 2022 03:23:54 AM

Dear PAIR Customer:

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Application	Document	Mailroom Date	Attorney Docket No.
17698641	N271	11/28/2022	083003-722509

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PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

CORBIN_CLINICAL-001940

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor(s): Matthew J. Allaway	
App. No.: 17/698,641	Con. No.: 9971
Filed: March 18, 2022	Art Unit: 3793
Title: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE	Examiner: Sanjay Cattungal

AMENDMENT UNDER 37 C.F.R. § 1.312

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the NOTICE OF ALLOWANCE AND FEE(S) DUE dated October 4, 2022 (the “Notice”) and prior to payment of the issue fee, Applicant respectfully requests to amend the above-identified application as follows:

Amendments to the Claims begin on page 2; and

Remarks begin on page 7.

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method of performing a transperineal biopsy procedure on a prostate of a patient using a transrectal ultrasound probe configured to provide imaging, the patient comprising a perineal access site leading to the prostate, the transrectal ultrasound probe including a shaft and a handle proximal to the shaft, the method comprising:

inserting an access needle into the perineal access site of the patient, the access needle including a hub at a proximal end of the access needle and a tubular shaft extending distally from the hub, the tubular shaft including a lumen sized to receive a biopsy needle therethrough;

inserting at least a portion of the tubular shaft of the access needle into one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide, the transperineal biopsy guide comprising: a mount releasably coupled to the transrectal ultrasound probe; a guide member coupled to the mount; and the displacement member configured to slide relative to the guide member and including a vertically extending member including the plurality of needle receiving ports;

coupling the access needle to the one of the plurality of needle receiving ports of the displacement member of the transperineal biopsy guide such that a position and angle of the access needle relative to the displacement member is retained; and

inserting the biopsy needle through the access needle and into a first location of the prostate of the patient.

2. (Original) The method of claim 1, further comprising: contacting a distal end of a pair of guide rails of the guide member with the perineal access site of the patient.

3. (Original) The method of claim 1, further comprising injecting a substance into the patient via the biopsy needle.

4. (Original) The method of claim 1, further comprising taking a first biopsy of the first location of the prostate of the patient via the biopsy needle.

5. (Original) The method of claim 4, further comprising taking a second biopsy of a second location of the prostate of the patient via the biopsy needle, the second location being different than the first location.
6. (Original) The method of claim 5, wherein the access needle remains positioned within the perineal access site of the patient for the first biopsy and the second biopsy.
7. (Original) The method of claim 1, further comprising coupling the transperineal biopsy guide to the shaft of the transrectal ultrasound probe via a releasable fastener.
8. (Original) The method of claim 7, wherein the releasable fastener does not wrap around the handle of the transrectal ultrasound probe.
9. (Original) The method of claim 1, further comprising imaging the prostate of the patient with the transrectal ultrasound probe.
10. (Original) The method of claim 1, wherein coupling the access needle to one of the plurality of needle receiving ports of the displacement member of the transperineal biopsy guide comprises inserting a portion of the hub into one of the plurality of needle receiving ports.
11. (Original) The method of claim 1, wherein the access needle has a needle size of 15 gauge or 16 gauge.
12. (Original) The method of claim 1, wherein the biopsy needle has a needle size of 18 gauge.
13. (Previously Presented) A method of performing a transperineal biopsy procedure on a prostate of a patient using a transrectal ultrasound probe configured to provide imaging, the patient comprising a perineal access site leading to the prostate, the transrectal ultrasound probe including a shaft and a handle proximal to the shaft, the method comprising:

inserting an access needle into one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide that is secured to the transrectal ultrasound probe, the access needle including a hub at a proximal end of the access needle and a tubular shaft extending distally from the hub, the tubular shaft including a lumen sized to receive a biopsy needle therethrough, the transperineal biopsy guide comprising a mount configured to

releasably couple to the transrectal ultrasound probe, a guide member extending from the mount, and the displacement member configured to slide relative to the guide member;

securing the access needle to the displacement member such that a position and angle of the access needle relative to the displacement member is maintained;

imaging the prostate of the patient with the transrectal ultrasound probe;

inserting the access needle into the perineal access site of the patient; and

inserting the biopsy needle through the access needle and into the prostate of the patient.

14. (Original) The method of claim 13, further comprising: contacting a distal end of a pair of guide rails of the guide member with the perineal access site of the patient.

15. (Original) The method of claim 13, further comprising injecting a substance into the patient via the biopsy needle.

16. (Original) The method of claim 13, further comprising taking a first biopsy of a first location of the prostate of the patient via the biopsy needle.

17. (Original) The method of claim 16, further comprising taking a second biopsy of a second location of the prostate of the patient via the biopsy needle, the second location being different than the first location.

18. (Original) The method of claim 17, wherein the access needle remains positioned within the perineal access site of the patient for the first biopsy and the second biopsy.

19. (Original) The method of claim 13, further comprising coupling the transperineal biopsy guide to the shaft of the transrectal ultrasound probe via a releasable fastener.

20. (Original) The method of claim 19, wherein the releasable fastener does not wrap around the handle of the transrectal ultrasound probe.

21. (Original) The method of claim 13, wherein imaging the prostate of the patient with the transrectal ultrasound probe is performed in a sagittal imaging plane.

22. (Original) The method of claim 13, wherein securing the access needle to the displacement member comprises inserting a portion of the hub into one of the plurality of needle receiving ports.

23. (Previously Presented) The method of claim 13, wherein the access needle has a needle size of 15 gauge or 16 gauge, and wherein the biopsy needle has a needle size of 18 gauge.

24. (Canceled)

25. (Previously Presented) A method of performing a transperineal biopsy procedure on a prostate of a patient using an ultrasound probe configured to provide imaging, the patient comprising a perineal access site leading to the prostate, the ultrasound probe including a shaft and a handle proximal to the shaft, the method comprising:

inserting an access needle into one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide that is secured to the ultrasound probe, the access needle including a tubular shaft and a lumen extending through the tubular shaft, the lumen sized to receive a biopsy needle therethrough, the transperineal biopsy guide operably coupled to the ultrasound probe and including a guide member and the displacement member, the displacement member configured to slide relative to the guide member;

securing the access needle to the one of a plurality of needle receiving ports of the displacement member such that position and angle of the access needle relative to the displacement member is maintained and further insertion of the access needle relative to the displacement member is restricted;

imaging the prostate of the patient with the ultrasound probe;

inserting the access needle into the perineal access site of the patient; and

inserting the biopsy needle through the access needle and into a first location of the prostate of the patient.

26. (Previously Presented) The method of claim 25, wherein securing the access needle to the one of a plurality of needle receiving ports of the displacement member includes inserting a

structure that is engaged with the tubular shaft of the access needle into the one of a plurality of needle receiving portions of the displacement member.

27. (Previously Presented) The method of claim 26, wherein the structure is a hub of the access needle, the hub coupled to the tubular shaft.

28. (Currently Amended) The method of claim 25, wherein the guide member includes a first stabilization member having a first groove, and a second stabilization member having a second groove, the first and second stabilization members opposing each other, wherein a portion of the ~~platform~~ displacement member is configured to be received within the first and second grooves.

29. (Previously Presented) The method of claim 25, further comprising:

taking a first biopsy of the first location of the prostate of the patient via the biopsy needle;

taking a second biopsy of a second location of the prostate of the patient via the biopsy needle, the second location being different than the first location, wherein the access needle remains positioned within the perineal access site of the patient for the first biopsy and the second biopsy.

30. (Previously Presented) The method of claim 25, wherein the access needle has a needle size of 15 gauge or 16 gauge, and wherein the biopsy needle has a needle size of 18 gauge.

31. (Previously Presented) The method of claim 25, wherein securing the access needle to the one of a plurality of needle receiving ports of the displacement member restricts rotation of the access needle relative to the displacement member.

REMARKS

This amendment under 37 CFR 1.312 is in response to the NOTICE OF ALLOWANCE AND FEE(S) DUE dated October 4, 2022, and prior to payment of the issue fee.

Amendments to the Claims

The present amendment to claim 28 is submitted under 37 CFR § 1.312 in order to correct a minor antecedent basis issue with the claim. No new matter has been added. It is further submitted that its entry requires only a cursory review without substantial additional work on the part of the Office. Accordingly, review and approval of the amendments to the claims are respectfully requested. If the Examiner feels that further discussions about this case would be beneficial, the Examiner is respectfully requested to contact undersigned counsel for Applicants.

It is believed that no fees are due in connection with this filing. However, the Commissioner is authorized to charge any additional fees, including extension fees or other relief which may be required, to Deposit Account 50-1662.

Respectfully submitted,

Dated: November 15, 2022

/Joshua J. Pranckun/

Joshua J. Pranckun
Registration No. 70712

POLSINELLI PC
PO Box 140310
Kansas City, MO 64114-0310
Tel: 303-583-8269
Fax 816-753-1536



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/698,641

RECEIPT DATE / TIME
11/15/2022 05:28:05 PM ET

ATTORNEY DOCKET #
083003-722509

Title of Invention

TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9971

FILED BY Donna Carrera

PATENT CENTER # 61183440

AUTHORIZED BY Josh Prancun

CUSTOMER # 24030

FILING DATE 03/18/2022

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Matthew J. ALLAWAY

Payment Information

PAYMENT METHOD
DA / 501662

PAYMENT TRANSACTION ID
E2022AEH28452105

PAYMENT AUTHORIZED BY
Donna Carrera

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2501	UTILITY ISSUE FEE	600.00	1	600.00
TOTAL AMOUNT:				\$600.00

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New Applications Under 35 U.S.C. 111

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National Stage of an International Application under 35 U.S.C. 371

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CORBIN_CLINICAL-001948

submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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CORBIN_CLINICAL-001949

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 17/698,641 Confirmation No. : 9971
First Applicant : Matthew J. Allaway Art Unit : 3793
Filed : March 18, 2022 Examiner : Sanjay Cattungal
Title : TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND
METHODS OF USE
Docket No. : 083003-722509
Customer No. : 24030

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

The Applicant acknowledges with appreciation the allowance of claims 1-23 and 25-31 in the captioned application by the Examiner. The Applicant agrees with the Examiner's Statement of Reasons for Allowance to the extent that claims 1-23 and 25-31 are patentable over the references in the record.

Applicant expressly traverses the Examiner's Statement of Reasons for Allowance to the extent that any statement is intended to or has the intended effect of limiting a claim scope, explicitly or implicitly, by not reciting verbatim the respective claim language, or is intended to or has the effect of limiting a claim scope by stating or implying that all the reasons for patentability are in any way fully enumerated. The Applicant specifically does not acquiesce or agree in any manner as to any assertion in Examiner's statements that may be interpreted to narrow the claims to less than their recited scope.

Applicant asserts that claims 1-23 and 25-31 are patentable as presented and the scope of the allowed claims should in no way be limited by the rationale cited by the Examiner or in view of the prior art. If there are any questions, please contact the undersigned attorney.

Respectfully submitted this 15th day of November 2022.

Respectfully submitted,

/Joshua J. Pranckun/

Joshua J. Pranckun, Registration No. 70712
Attorney for Applicant
USPTO Customer No. 24030

POLSINELLI PC
PO Box 140310
Kansas City, MO 64114-0310
uspt@polsinelli.com
Tel: 303-583-8269

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24030 7590 10/04/2022
POL SINELLI PC
PO Box 140310
KANSAS CITY, MO 64114-0310

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

Donna Carrera	(Typed or printed name)
/Donna Carrera/	(Signature)
11/15/2022	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/698,641	03/18/2022	Matthew J. ALLAWAY	083003-722509	9971

TITLE OF INVENTION: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	01/04/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
CATTUNGAL, SANJAY	3793	600-464000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 POL SINELLI PC

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

CORBIN CLINICAL RESOURCES, LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Cumberland, MD

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 50-1662

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Joshua J. Prancun/

Date 11/15/2022

Typed or printed name Joshua J. Prancun

Registration No. 70712

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor(s):	Matthew J. Allaway	Con. No.:	9971
App. No.:	17/698,641	Art Unit:	3793
Filed:	March 18, 2022	Examiner:	Sanjay Cattungal
Title:	TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE		

INTERVIEW SUMMARY

Via EFS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Pursuant to 37 C.F.R. § 1.133(b), the following is a summary of a telephonic interview between the undersigned attorney for Applicant and Examiner Sanjay Cattungal that occurred on September 22, 2022. During the interview, the parties discussed the response to the Non-Final Office action filed on August 25, 2022. In particular, the arguments presented with respect to U.S. Patent No. 5,931,786 (Whitmore) were discussed. The Examiner agreed with the arguments presented and suggested a clarifying amendment to the claims to recite “securing position and angle of the access needle relative to the displacement member.” The Examiner indicated that he would submit an Examiner’s Amendment in accordance with the discussion.

If the Examiner should require any additional information or amendment, please contact the undersigned.

Respectfully submitted,

Dated: November 15, 2022

/Joshua J. Pranckun/
Joshua J. Pranckun
Registration No. 70712

POLSINELLI PC
PO Box 140310
Kansas City, MO 64114-0310
Tel: 303-583-8269
Fax 816-753-1536

86727430.1

CORBIN_CLINICAL-001953



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/698,641

RECEIPT DATE / TIME
11/15/2022 05:28:05 PM ET

ATTORNEY DOCKET #
083003-722509

Title of Invention

TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9971

FILED BY Donna Carrera

PATENT CENTER # 61183440

FILING DATE 03/18/2022

CUSTOMER # 24030

FIRST NAMED INVENTOR Matthew J. ALLAWAY

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Josh Prancun

Documents

TOTAL DOCUMENTS: 6

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
083003-722509_312_Amendment.pdf		7	-	178 KB
083003-722509_312_Amendment-A.NA.pdf	(1-1)	1	Amendment after Notice of Allowance (Rule 312)	101 KB
083003-722509_312_Amendment-CLM.pdf	(2-6)	5	Claims	102 KB
083003-722509_312_Amendment-REM.pdf	(7-7)	1	Applicant Arguments/Remarks Made in an Amendment	131 KB

CORBIN_CLINICAL-001954

083003-722509__CommentsonStatementofReasonsforAllowance.pdf	2	Post Allowance Communication - Incoming	96 KB
083003-722509__IssueFeeTransmittal.pdf	1	Issue Fee Payment (PTO-85B)	118 KB
083003-722509__InterviewSummary.pdf	1	Applicant summary of interview with examiner	140 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
083003-722509__312__Amendment.pdf	D8DF46A7195561C6A2B65F415FE2AA75C9B486F5C29610CCC DF94045E09D0A7C0B270AD508A876F9D045C8D9F47EE1345E 1E38EEF6968E40C27AC98567F140BF
083003-722509__312__Amendment-A.NA.pdf	BB8E41168C6EF3B2D14751C3AA7E1E86C9A6D268FE0768F2F D960D0703E90B353356C130F08CFCDEC847405FF7B9F668B6 3B439D2718DEFC0E8D84E744E9605A
083003-722509__312__Amendment-CLM.pdf	0716B287294F8F9284E5DB940073B814162E28083DA14E57A20 EC72E7F8A905BE2C0EBEA7315E7B8895DBBD93F2748754287 3855FDA4DCAEC445230CA743E603
083003-722509__312__Amendment-REM.pdf	259789045259F18A1A031EC8ACF38FD9D625511A361DB4AC6 80AAF436AC635034C2E489CF0092F50331E8476CE3D8458930 16E19200FF7C40D9EAC0ABA2D78A8
083003-722509__CommentsonStatementofReasonsforAllowance.pdf	C75F30CDFD4813E047CC1F4FE2BA94FCF6FEDE18529CD121 F491493AA2D4CB467F14E71E48AFCABOBA3DCB1BC5BDD59 52021C5ED8C7B0D82500D4DFBD6381A0A
083003-722509__IssueFeeTransmittal.pdf	09E896B0F35133CECC695C5344F71805890B87C5F4227BCE4 DE90233EFCDCD5CA21B018096C8AE89820944B65D8483BB9

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083003-722509_

InterviewSummary.pdf

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 2F16914031BE58BA794EA606C21967

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

CORBIN_CLINICAL-001956



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

24030 7590 10/04/2022
POL SINELLI PC
PO Box 140310
KANSAS CITY, MO 64114-0310

EXAMINER

CATTUNGAL, SANJAY

ART UNIT

PAPER NUMBER

3793

DATE MAILED: 10/04/2022

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/698,641	03/18/2022	Matthew J. ALLAWAY	083003-722509	9971

TITLE OF INVENTION: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	01/04/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980.

It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

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PO Box 140310
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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/698,641	03/18/2022	Matthew J. ALLAWAY	083003-722509	9971

TITLE OF INVENTION: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	01/04/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
CATTUNGAL, SANJAY	3793	600-464000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

- ☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/698,641	03/18/2022	Matthew J. ALLAWAY	083003-722509	9971
24030	7590	10/04/2022	EXAMINER	
POL SINELLI PC			CATTUNGAL, SANJAY	
PO Box 140310			ART UNIT	
KANSAS CITY, MO 64114-0310			PAPER NUMBER	
			3793	

DATE MAILED: 10/04/2022

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.** Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b) (2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection, or a patent. **CORBIN CLINICAL-001960**
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 17/698,641	Applicant(s) ALLAWAY, Matthew J.
	Examiner SANJAY CATTUNGAL	Art Unit 3793
		AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/26/22.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-23 and 25-31. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892) 2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>08/26/22</u> . 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____. 4. ☒ Interview Summary (PTO-413), Paper No./Mail Date. <u>20220921</u> .	5. ☒ Examiner's Amendment/Comment 6. ☒ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____.
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CORBIN_CLINICAL-001961

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Mr. Pranckun on 09/22/22.

The application has been amended as follows:

Claim 1. Line 7 after "therethrough;" inserted "inserting at least a portion of the tubular shaft of the access needle into one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide, the transperineal biopsy guide comprising: a mount releasably coupled to the transrectal ultrasound probe; a guide member coupled to the mount; and the displacement member configured to slide relative to the guide member and including a vertically extending member including the plurality of needle receiving ports;".

CORBIN_CLINICAL-001962

Line 8 replaced “coupling the access needle to one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide such that a position of the access needle relative to the displacement member is retained, the transperineal biopsy guide comprising: a mount releasably coupled to the transrectal ultrasound probe; a guide member coupled to the mount; and the displacement member configured to slide relative to the guide member and including a vertically extending member including the plurality of needle receiving ports” with “coupling the access needle to the one of the plurality of needle receiving ports of the displacement member of the transperineal biopsy guide such that a position and angle of the access needle relative to the displacement member is retained”.

Claim 13. Line 12 after “position” inserted “and angle”.

Claim 25. Line 12 after “such that” inserted “position and angle of the access needle relative to the displacement member is maintained and”.

Reasons for Allowance

3. Claims 1-23 and 25-31 are allowed.
4. The following is an examiner’s statement of reasons for allowance: : the closest prior art of record are U. S. Patent No. 5,931,786 to Whitmore, III et al.; U. S. Patent No. 5,494,039 to Onik et al.; U. S. Publication No. 2015/0366544 to Yap et al.; and U. S. Publication No. 2015/0119715 to Baumann, none of the prior art alone or in combination teaches the limitations of the independent claim specifically “coupling the access needle

CORBIN_CLINICAL-001963

to the one of the plurality of needle receiving ports of the displacement member of the transperineal biopsy guide such that a position and angle of the access needle relative to the displacement member is retained”.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SANJAY CATTUNGAL whose telephone number is (571)272-1306. The examiner can normally be reached M-F 9-5 EST.

7. Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

8. If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Keith Raymond can be reached on (571) 270-1790. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

9. Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For

CORBIN_CLINICAL-001964

Application/Control Number: 17/698,641
Art Unit: 3793

Page 5

additional questions, contact the Electronic Business Center (EBC) at 866-217-9197

(toll-free). If you would like assistance from a USPTO Customer Service

Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SANJAY CATTUNGAL/
Primary Examiner, Art Unit 3793

CORBIN_CLINICAL-001965

<i>Applicant-Initiated Interview Summary</i>	Application No. 17/698,641	Applicant(s) ALLAWAY, Matthew J.		
	Examiner SANJAY CATTUNGAL	Art Unit 3793	AIA (First Inventor to File) Status Yes	Page 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	Title	Type
SANJAY CATTUNGAL	Primary Examiner	Telephonic
Joshua Prackun	Attorney of Record	

Date of Interview: 22 September 2022

Issues Discussed:

35 U.S.C. 102

Amendment filed 08/25/22 was discussed, examiner suggested amending claims to recite "securing position and angle of the access needle relative to the displacement member" to further clarify the claim and put the case in condition for allowance.

/SANJAY CATTUNGAL/ Primary Examiner, Art Unit 3793	
<p>Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04</p> <p>Please further see: MPEP 713.04 Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b) 37 CFR § 1.2 Business to be transacted in writing</p>	

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Search Notes 	Application/Control No. 17/698,641	Applicant(s)/Patent Under Reexamination ALLAWAY, Matthew J.
	Examiner SANJAY CATTUNGAL	Art Unit 3793

CPC - Searched*		
Symbol	Date	Examiner
A61B17/3403; A61B8/0841; A61B8/12; A61B10/0241; A61B10/04; A61B90/39; A61B18/02; A61B18/12; A61B2010/045; A61B2017/ 00274; A61B2017/00477; A61B2017/3405; A61B2017/3411; A61B2017/3413; A61B2018/00547; A61B2090/3925; A61B2090/ 3933; A61B2090/3954; A61B2090/3966	09/23/2022	SC

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Text and Inventor Search	09/23/2022	SC

/SANJAY CATTUNGAL/ Primary Examiner, Art Unit 3793	CORBIN_CLINICAL-001967
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<i>Search Notes</i> 	Application/Control No. 17/698,641	Applicant(s)/Patent Under Reexamination ALLAWAY, Matthew J.
	Examiner SANJAY CATTUNGAL	Art Unit 3793

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
A61B17/3403; A61B8/0841; A61B8/12; A61B10/0241; A61B10/04; A61B90/39; A61B18/02; A61B18/12; A61B2010/045 ; A61B2017/ 00274; A61B2017/ 00477; A61B2017/ 3405; A61B2017/ 3411; A61B2017/ 3413; A61B2018/ 00547; A61B2090/ 3925; A61B2090/ 3933; A61B2090/ 3954; A61B2090/ 3966		09/23/2022	SC

/SANJAY CATTUNGAL/ Primary Examiner, Art Unit 3793	CORBIN_CLINICAL-001968
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Issue Classification 	Application/Control No. 17/698,641	Applicant(s)/Patent Under Reexamination ALLAWAY, Matthew J.
	Examiner SANJAY CATTUNGAL	Art Unit 3793

CPC						
Symbol					Type	Version
A61B	/	17	/	3403	F	2013-01-01
A61B	/	10	/	0241	I	2013-01-01
A61B	/	8	/	0841	I	2013-01-01
A61B	/	8	/	12	I	2013-01-01
A61B	/	90	/	39	I	2016-02-01
A61B	/	10	/	04	I	2013-01-01
A61B	/	2017	/	3413	A	2013-01-01
A61B	/	2017	/	3405	A	2013-01-01
A61B	/	2017	/	3411	A	2013-01-01
A61B	/	2090	/	3925	A	2016-02-01
A61B	/	2090	/	3933	A	2016-02-01
A61B	/	2090	/	3954	A	2016-02-01
A61B	/	2090	/	3966	A	2016-02-01
A61B	/	18	/	02	A	2013-01-01
A61B	/	18	/	12	A	2013-01-01
A61B	/	2010	/	045	A	2013-01-01
A61B	/	2017	/	00274	A	2013-01-01
A61B	/	2017	/	00477	A	2013-01-01
A61B	/	2018	/	00547	A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version
/				

NONE	Total Claims Allowed: 30	
(Assistant Examiner) _____ (Date) 23 September 2022 /SANJAY CATTUNGAL/ Primary Examiner, Art Unit 3793 (Primary Examiner) _____ (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 30

U.S. Patent and Trademark Office

Part of Paper No.: 20220921

CORBIN_CLINICAL-001969

Issue Classification 	Application/Control No. 17/698,641	Applicant(s)/Patent Under Reexamination ALLAWAY, Matthew J.
	Examiner SANJAY CATTUNGAL	Art Unit 3793

INTERNATIONAL CLASSIFICATION			
CLAIMED			
A61B		17	34

NON-CLAIMED			

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	30	
/SANJAY CATTUNGAL/ Primary Examiner, Art Unit 3793	23 September 2022	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	30

U.S. Patent and Trademark Office

Part of Paper No.: 20220921

CORBIN_CLINICAL-001970

Issue Classification 	Application/Control No. 17/698,641	Applicant(s)/Patent Under Reexamination ALLAWAY, Matthew J.
	Examiner SANJAY CATTUNGAL	Art Unit 3793

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	10	10	19	19	27	28								
2	2	11	11	20	20	28	29								
3	3	12	12	21	21	29	30								
4	4	13	13	22	22	30	31								
5	5	14	14	23	23										
6	6	15	15		24										
7	7	16	16	24	25										
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9	9	18	18	26	27										

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	30	
/SANJAY CATTUNGAL/ Primary Examiner, Art Unit 3793	23 September 2022	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	30

U.S. Patent and Trademark Office

Part of Paper No.: 20220921

CORBIN_CLINICAL-001971

<i>Index of Claims</i> 	Application/Control No. 17/698,641	Applicant(s)/Patent Under Reexamination ALLAWAY, Matthew J.
	Examiner SANJAY CATTUNGAL	Art Unit 3793

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM			DATE							
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2	2	=								
3	3	=								
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28	29	=								
29	30	=								
30	31	=								

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
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L6	7	L2 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2017/09/28 01:40 AM
L7	1623	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2017/09/28 01:52 AM
L8	416	L7 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2017/09/28 01:56 AM
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CORBIN_CLINICAL-001973

09/26/2022 11:34:38 PM
Workspace: 17314845

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SC

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L27	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2018/03/26 07:52 PM
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L29	32	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2018/03/26 07:53 PM
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CORBIN_CLINICAL-001974

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L47	1	L45 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/04/10 05:06 PM
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CORBIN_CLINICAL-001975

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L52	17	L50 L51	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L53	10	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L54	4	L51 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L55	7	L51 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L56	2107	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L57	582	L56 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L58	25	L56 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L59	2107	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L60	28	L59 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L61	93	L59 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L62	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L63	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L64	1752	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L65	303	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L66	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L67	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L68	14	L66 L67	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L69	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10 05:38 PM
L70	1	L69 and (user near2	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/10

CORBIN_CLINICAL-001976

L71	1	behavior) ("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L72	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L73	14	L71 L72	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L74	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L75	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L76	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L77	437	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L78	76	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L79	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L80	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L81	37593	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	05:38 PM 2021/04/10
L82	15	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L83	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	05:38 PM 2021/04/10
L84	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L85	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L86	3	L42 L43	(US-PGPUB; USPAT)	OR	ON	ON	05:38 PM 2021/04/10
L87	10	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	05:58 PM 2021/04/10
L88	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01

CORBIN_CLINICAL-001977

L89	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01 08:27 PM
L90	17	L88 L89	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L91	10	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L92	4	L89 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L93	7	L89 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L94	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L95	590	L94 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L96	25	L94 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L97	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L98	28	L97 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L99	93	L97 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L100	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L101	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L102	1766	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L103	307	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L104	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L105	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01

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L106	14	L104 L105	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L107	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L108	1	L107 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L109	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L110	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L111	14	L109 L110	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L112	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L113	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L114	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L115	446	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L116	78	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L117	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L118	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L119	38106	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	08:27 PM 2021/06/01
L120	15	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L121	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	08:27 PM 2021/06/01
L122	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01
L123	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	08:27 PM 2021/06/01

CORBIN_CLINICAL-001979

L124	3	L122 L123	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L125	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L126	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L127	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/06/01 08:27 PM
L128	4	L125 L126 L127	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L129	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L130	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L131	3	L129 L130	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L132	7	L128 or L131	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L133	0	L132 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L134	1	L132 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L135	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L136	4	L135 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:27 PM
L137	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L138	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM

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L139	17	20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID. L137 L138	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L140	10	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L141	4	L138 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L142	7	L138 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L143	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:27 PM
L144	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L145	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID. L144 L145	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L146	17	L144 L145	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L147	10	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L148	4	L145 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L149	7	L145 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L150	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L151	590	L150 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L152	25	L150 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L153	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L154	28	L153 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L155	93	L153 and ((holder) with	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01

CORBIN_CLINICAL-001981

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L156	2	needle) "20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	08:30 PM 2021/06/01 08:30 PM
L157	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L158	1766	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L159	307	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L160	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L161	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L162	14	L160 L161	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L163	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L164	1	L163 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L165	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L166	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L167	14	L165 L166	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L168	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L169	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L170	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L171	446	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L172	78	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L173	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L174	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L175	38106	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM

CORBIN_CLINICAL-001982

L176	15	A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc. (bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L177	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L178	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L179	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L180	3	L178 L179	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L181	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L182	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L183	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/06/01 08:30 PM
L184	4	L181 L182 L183	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L185	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L186	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L187	3	L185 L186	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L188	7	L184 or L187	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L189	0	L188 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L190	1	L188 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L191	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850- \$).did. or (US-5494039-	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM

CORBIN_CLINICAL-001983

L192	4	\$.did. L191 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:30 PM
L193	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L194	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L195	17	L193 L194	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L196	10	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L197	4	L194 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L198	7	L194 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L199	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L200	590	L199 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L201	25	L199 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L202	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L203	28	L202 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L204	93	L202 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L205	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L206	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L207	1766	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L208	307	needle with	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01

CORBIN_CLINICAL-001984

		(trans\$1rectal or rectal) with probe					08:30 PM
L209	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L210	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L211	14	L209 L210	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L212	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L213	1	L212 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L214	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L215	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L216	14	L214 L215	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L217	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L218	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:30 PM
L219	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L220	446	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L221	78	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L222	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L223	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L224	38106	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM
L225	15	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L226	3	(US-10743909-\$ or US-10743910-\$ or US-	(USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM

CORBIN_CLINICAL-001905

L227	2	10743911-\$).did. "20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L228	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L229	3	L185 L186	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L230	10	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/01 08:31 PM
L231	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L232	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L233	17	L231 L232	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L234	4	L232 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L235	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L236	590	L235 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L237	2125	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L238	1766	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L239	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L240	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L241	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L242	13	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L243	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L244	0	"20140136607" and	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01

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L245	446	average base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	08:31 PM 2021/06/01 08:31 PM
L246	38106	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM
L247	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L248	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L249	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM
L250	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM
L251	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/06/01 08:31 PM
L252	4	L249 L250 L251	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM
L253	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L254	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L255	3	L253 L254	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L256	7	L252 or L255	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM
L257	0	L256 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/01 08:31 PM
L258	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L259	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM

CORBIN_CLINICAL-001987

L260	17	5931786-\$ US-52704752-\$ US-8403842-\$).DID. L258 L259	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L261	4	L259 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:31 PM
L262	72	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/01 08:38 PM
L265	1	"15465148"	(USPAT)	OR	OFF	OFF	2021/07/16 11:08 AM
L266	55	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/16 06:50 PM
L267	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L268	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L269	17	L267 L268	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L270	12	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L271	4	L268 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L272	7	L268 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L273	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L274	601	L273 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L275	25	L273 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L276	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L277	30	L276 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L278	93	L276 and ((holder) with	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08

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L279	2	needle) "20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	11:23 PM 2021/10/08 11:23 PM
L280	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L281	1795	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L282	314	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L283	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L284	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L285	15	L283 L284	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L286	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L287	1	L286 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L288	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L289	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L290	15	L288 L289	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L291	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L292	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L293	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L294	472	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L295	81	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L296	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L297	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L298	39538	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM

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L299	17	A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc. (bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L300	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L301	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L302	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L303	3	L301 L302	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L304	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L305	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L306	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/10/08 11:23 PM
L307	4	L304 L305 L306	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L308	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L309	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L310	3	L308 L309	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L311	7	L307 or L310	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L312	0	L311 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L313	1	L311 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L314	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM

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L315	4	\$.did. or (US-5494039-\$.did. L314 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L316	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L317	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L318	17	L316 L317	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L319	12	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L320	4	L317 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L321	7	L317 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L322	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L323	601	L322 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L324	25	L322 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L325	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L326	30	L325 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L327	93	L325 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L328	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L329	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L330	1795	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM

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L331	314	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L332	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L333	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L334	15	L332 L333	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L335	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L336	1	L335 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L337	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L338	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L339	15	L337 L338	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L340	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L341	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L342	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L343	472	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L344	81	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L345	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L346	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L347	39538	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L348	17	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L349	3	(US-10743909-\$ or US-	(USPAT)	OR	OFF	OFF	2021/10/08

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L350	2	10743910-\$ or US-10743911-\$).did. "20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:23 PM
L351	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L352	3	L308 L309	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L353	12	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/10/08 11:23 PM
L354	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L355	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L356	17	L354 L355	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L357	4	L355 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L358	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L359	601	L358 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L360	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L361	1795	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L362	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L363	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L364	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L365	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L366	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM

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L367	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L368	472	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L369	39538	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L370	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L371	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L372	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L373	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L374	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/10/08 11:23 PM
L375	4	L372 L373 L374	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L376	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L377	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L378	3	L376 L377	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L379	7	L375 or L378	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L380	0	L379 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:23 PM
L381	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L382	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM

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L383	17	5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID. L381 L382	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L384	4	L382 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L385	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L386	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L387	17	L385 L386	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L388	12	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L389	4	L386 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L390	7	L386 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L391	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L392	601	L391 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L393	25	L391 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L394	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L395	30	L394 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L396	93	L394 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L397	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L398	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM

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L399	1795	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L400	314	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L401	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L402	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L403	15	L401 L402	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L404	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L405	1	L404 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L406	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L407	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L408	15	L406 L407	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:23 PM
L409	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L410	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L411	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L412	472	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L413	81	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L414	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L415	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L416	39538	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L417	17	(bar) with	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08

CORBIN_CLINICAL-001996

L418	3	((trans\$1rectal or rectal) WITH PROBE) (US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	11:24 PM 2021/10/08 11:24 PM
L419	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L420	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L421	3	L419 L420	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L422	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L423	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L424	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/10/08 11:24 PM
L425	4	L422 L423 L424	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L426	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L427	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L428	3	L426 L427	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L429	7	L425 or L428	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L430	0	L429 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L431	1	L429 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L432	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L433	4	L432 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L434	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L435	15	(US-0031721-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08

CORBIN_CLINICAL-001997

		0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.					11:24 PM
L436	17	L434 L435	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L437	12	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L438	4	L435 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L439	7	L435 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L440	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L441	601	L440 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L442	25	L440 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L443	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L444	30	L443 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L445	93	L443 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L446	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L447	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L448	1795	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L449	314	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L450	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L451	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L452	15	L450 L451	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08

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L453	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	11:24 PM 2021/10/08 11:24 PM
L454	1	L453 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L455	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L456	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L457	15	L455 L456	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L458	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L459	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L460	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L461	472	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L462	81	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L463	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L464	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L465	39538	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L466	17	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L467	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L468	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L469	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L470	3	L426 L427	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM

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L471	12	((("ALLAWAY")) near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/10/08 11:24 PM
L472	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L473	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L474	17	L472 L473	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L475	4	L473 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L476	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L477	601	L476 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L478	2166	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L479	1795	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L480	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L481	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L482	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L483	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L484	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L485	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L486	472	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L487	39538	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM

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		A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.					
L488	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L489	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L490	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L491	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L492	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/10/08 11:24 PM
L493	4	L490 L491 L492	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L494	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L495	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L496	3	L494 L495	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L497	7	L493 or L496	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L498	0	L497 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
L499	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L500	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L501	17	L499 L500	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L502	4	L500 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM

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L503	74	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:24 PM
L504	1	"15465148"	(USPAT)	OR	OFF	OFF	2021/10/08 11:25 PM
L505	58	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	2021/10/08 11:25 PM
L508	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L509	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L510	17	L508 L509	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L511	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L512	4	L509 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L513	7	L509 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L514	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L515	604	L514 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L516	26	L514 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L517	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L518	31	L517 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L519	93	L517 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L520	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L521	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM

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SC

L522	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L523	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L524	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L525	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L526	15	L524 L525	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L527	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L528	1	L527 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L529	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L530	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L531	15	L529 L530	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L532	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L533	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L534	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L535	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L536	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L537	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L538	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L539	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L540	18	(bar) with	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05

CORBIN_CLINICAL-002003

L541	3	((trans\$1rectal or rectal) WITH PROBE) (US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	10:16 AM 2021/12/05 10:16 AM
L542	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L543	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L544	3	L542 L543	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L545	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L546	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L547	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05 10:16 AM
L548	4	L545 L546 L547	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L549	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L550	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L551	3	L549 L550	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L552	7	L548 or L551	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L553	0	L552 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L554	1	L552 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L555	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L556	4	L555 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:16 AM
L557	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L558	15	(US-0031721-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05

CORBIN_CLINICAL-002004

		0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.					10:16 AM
L559	17	L557 L558	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L560	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L561	4	L558 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L562	7	L558 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L563	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L564	604	L563 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L565	26	L563 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L566	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L567	31	L566 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L568	93	L566 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L569	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L570	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L571	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L572	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L573	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L574	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L575	15	L573 L574	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05

CORBIN_CLINICAL-002005

L576	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L577	1	L576 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L578	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L579	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L580	15	L578 L579	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L581	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L582	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L583	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L584	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L585	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L586	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L587	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L588	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	10:16 AM 2021/12/05
L589	18	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L590	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	10:16 AM 2021/12/05
L591	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L592	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05
L593	3	L549 L550	(US-PGPUB; USPAT)	OR	ON	ON	10:16 AM 2021/12/05

CORBIN_CLINICAL-002006

L594	13	((("ALLAWAY")) near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/12/05 10:16 AM
L595	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L596	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L597	17	L595 L596	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:16 AM
L598	4	L596 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L599	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L600	604	L599 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L601	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L602	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L603	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L604	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L605	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L606	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L607	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L608	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L609	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L610	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM

CORBIN_CLINICAL-002007

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		A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.					
L611	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L612	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L613	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L614	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L615	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05 10:17 AM
L616	4	L613 L614 L615	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L617	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L618	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L619	3	L617 L618	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L620	7	L616 or L619	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L621	0	L620 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L622	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L623	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L624	17	L622 L623	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L625	4	L623 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM

CORBIN_CLINICAL-002008

L626	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L627	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L628	17	L626 L627	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L629	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L630	4	L627 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L631	7	L627 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L632	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L633	604	L632 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L634	26	L632 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L635	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L636	31	L635 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L637	93	L635 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L638	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L639	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L640	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L641	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L642	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM

CORBIN_CLINICAL-002009

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L643	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L644	15	L642 L643	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L645	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L646	1	L645 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L647	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L648	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L649	15	L647 L648	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L650	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L651	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L652	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L653	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L654	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L655	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L656	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L657	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L658	18	(bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L659	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L660	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L661	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05

CORBIN_CLINICAL-002010

L662	3	L660 L661	(US-PGPUB; USPAT)	OR	ON	ON	10:17 AM 2021/12/05 10:17 AM
L663	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L664	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L665	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05 10:17 AM
L666	4	L663 L664 L665	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L667	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L668	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L669	3	L667 L668	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L670	7	L666 or L669	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L671	0	L670 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L672	1	L670 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L673	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L674	4	L673 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:17 AM
L675	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L676	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM

CORBIN_CLINICAL-002011

L677	17	20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L678	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L679	4	L676 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L680	7	L676 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L681	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L682	604	L681 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L683	26	L681 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L684	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L685	31	L684 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L686	93	L684 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L687	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L688	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L689	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:17 AM
L690	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L691	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L692	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L693	15	L691 L692	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L694	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L695	1	L694 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L696	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L697	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05

CORBIN_CLINICAL-002012

L698	15	L696 L697	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L699	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L700	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L701	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L702	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L703	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L704	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L705	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L706	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	10:18 AM 2021/12/05
L707	18	(bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L708	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	10:18 AM 2021/12/05
L709	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L710	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L711	3	L667 L668	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L712	13	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	10:18 AM 2021/12/05
L713	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05
L714	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	10:18 AM 2021/12/05

CORBIN_CLINICAL-002013

		0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.					
L715	17	L713 L714	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L716	4	L714 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L717	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L718	604	L717 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L719	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L720	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L721	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L722	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L723	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L724	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L725	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L726	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L727	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L728	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:18 AM

CORBIN_CLINICAL-002014

L729	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L730	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L731	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:18 AM
L732	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:18 AM
L733	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05 10:18 AM
L734	4	L731 L732 L733	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:18 AM
L735	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L736	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L737	3	L735 L736	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L738	7	L734 or L737	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:18 AM
L739	0	L738 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:18 AM
L740	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L741	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L742	17	L740 L741	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L743	4	L741 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L744	75	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L745	1	"15465148"	(USPAT)	OR	OFF	OFF	2021/12/05 10:18 AM
L746	59	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM

CORBIN_CLINICAL-002015

L747	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L748	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L749	17	L747 L748	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L750	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L751	4	L748 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L752	7	L748 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L753	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L754	604	L753 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L755	26	L753 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L756	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L757	31	L756 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:18 AM
L758	93	L756 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L759	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L760	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L761	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L762	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L763	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM

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L764	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L765	15	L763 L764	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L766	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L767	1	L766 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L768	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L769	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L770	15	L768 L769	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L771	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L772	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L773	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L774	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L775	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L776	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L777	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L778	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L779	18	(bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L780	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L781	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L782	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05

CORBIN_CLINICAL-002017

L783	3	L781 L782	(US-PGPUB; USPAT)	OR	ON	ON	10:19 AM 2021/12/05 10:19 AM
L784	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L785	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L786	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05 10:19 AM
L787	4	L784 L785 L786	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L788	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L789	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L790	3	L788 L789	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L791	7	L787 or L790	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L792	0	L791 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L793	1	L791 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L794	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L795	4	L794 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:19 AM
L796	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L797	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM

CORBIN_CLINICAL-002018

L798	17	20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L799	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L800	4	L797 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L801	7	L797 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L802	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L803	604	L802 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L804	26	L802 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L805	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L806	31	L805 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L807	93	L805 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L808	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L809	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L810	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L811	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L812	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L813	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L814	15	L812 L813	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L815	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L816	1	L815 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L817	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:19 AM
L818	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05

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L819	15	L817 L818	(US-PGPUB; USPAT)	OR	ON	ON	10:19 AM 2021/12/05
L820	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	10:19 AM 2021/12/05
L821	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	10:19 AM 2021/12/05
L822	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	10:19 AM 2021/12/05
L823	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L824	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L825	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L826	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L827	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	10:20 AM 2021/12/05
L828	18	(bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L829	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	10:20 AM 2021/12/05
L830	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L831	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L832	3	L788 L789	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L833	13	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	10:20 AM 2021/12/05
L834	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05
L835	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	10:20 AM 2021/12/05

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		0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.					
L836	17	L834 L835	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L837	4	L835 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L838	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L839	604	L838 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L840	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L841	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L842	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L843	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L844	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L845	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L846	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L847	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L848	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L849	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:20 AM

CORBIN_CLINICAL-002021

L850	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L851	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L852	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:20 AM
L853	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:20 AM
L854	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05 10:20 AM
L855	4	L852 L853 L854	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:20 AM
L856	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L857	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L858	3	L856 L857	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L859	7	L855 or L858	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:20 AM
L860	0	L859 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:20 AM
L861	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L862	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L863	17	L861 L862	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L864	4	L862 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L865	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L866	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM

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		20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.					
L867	17	L865 L866	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L868	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L869	4	L866 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L870	7	L866 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L871	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L872	604	L871 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L873	26	L871 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L874	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L875	31	L874 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L876	93	L874 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:20 AM
L877	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L878	1	((stable or stablization) near2 bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L879	1810	(bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L880	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L881	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L882	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L883	15	L881 L882	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L884	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L885	1	L884 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM

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L886	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L887	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L888	15	L886 L887	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L889	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L890	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L891	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L892	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L893	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L894	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L895	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L896	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L897	18	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L898	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L899	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L900	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L901	3	L899 L900	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L902	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L903	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L904	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05

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							10:21 AM
L905	4	L902 L903 L904	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L906	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L907	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L908	3	L906 L907	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L909	7	L905 or L908	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L910	0	L909 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L911	1	L909 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L912	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L913	4	L912 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:21 AM
L914	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L915	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L916	17	L914 L915	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM

L917	13	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L918	4	L915 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L919	7	L915 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L920	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L921	604	L920 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L922	26	L920 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L923	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L924	31	L923 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L925	93	L923 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L926	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L927	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L928	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L929	317	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L930	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L931	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L932	15	L930 L931	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L933	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:21 AM
L934	1	L933 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L935	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L936	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L937	15	L935 L936	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L938	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L939	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM

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L940	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L941	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L942	85	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L943	15	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L944	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L945	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM
L946	18	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L947	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM
L948	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L949	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L950	3	L906 L907	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L951	13	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/12/05 10:22 AM
L952	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L953	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM

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L954	17	5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID. L952 L953	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L955	4	L953 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L956	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L957	604	L956 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L958	2181	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L959	1810	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L960	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L961	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L962	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L963	14	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L964	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L965	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L966	487	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L967	40149	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM
L968	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L969	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L970	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM
L971	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM

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L972	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2021/12/05 10:22 AM
L973	4	L970 L971 L972	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM
L974	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L975	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L976	3	L974 L975	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L977	7	L973 or L976	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM
L978	0	L977 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/12/05 10:22 AM
L979	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L980	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L981	17	L979 L980	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L982	4	L980 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L983	75	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:22 AM
L984	1	"15465148"	(USPAT)	OR	OFF	OFF	2021/12/05 10:23 AM
L985	59	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/05 10:23 AM
L990	1	"16115180"	(USPAT)	OR	OFF	OFF	2022/01/29 01:23 AM
L991	771	SANJAY NEAR2 CATTUNGAL	(US-PGPUB; USPAT)	OR	ON	ON	2022/01/29 11:35 AM
L992	1	L991 AND (ULTRA\$1SO\$3 WITH flash\$1light).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/01/29 11:35 AM
L993	2	"17314845"	(US-PGPUB; USPAT)	OR	ON	ON	2022/01/29

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L994	0	("11246677").PN.	(USPAT; USOCR)	OR	OFF	OFF	08:05 PM 2022/01/29 08:06 PM
L995	1	("10064681").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/01/29 08:09 PM
L996	1	("11096762").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/01/29 08:09 PM
L997	1	("10743909").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/01/29 08:12 PM
L998	14	((US-5494039-A).did. AND USPT.dbnm.) OR ((US-20150366544-A1 OR US-20150119715- A1 OR US- 20140039314-A1 OR US-20110319759-A1 OR US-20110071380- A1 OR US- 20090030339-A1 OR US-20080004481-A1 OR US-20120245455- A1 OR US- 20050159676-A1 OR US-20070043291-A1 OR US-20040162458- A1 OR US- 20030153850-A1 OR US-20130142875- A1).did. AND PGPB.dbnm.)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/05/20 07:55 PM
L999	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1000	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1001	17	L1 L2	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1002	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1003	4	L2 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1004	7	L2 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1005	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1006	627	L7 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1007	28	L7 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1008	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1009	33	L10 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1010	95	L10 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1011	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1012	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1013	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1014	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1015	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1016	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1017	16	L17 L18	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1018	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1019	1	L20 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1020	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1021	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1022	16	L22 L23	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1023	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1024	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1025	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1026	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1027	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1028	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1029	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1030	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1031	20	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1032	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1033	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1034	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1035	3	L35 L36	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1036	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1037	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1038	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1039	4	L38 L39 L40	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1040	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1041	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1042	3	L42 L43	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1043	7	L41 or L44	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1044	0	L45 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1045	1	L45 and (attach\$3 with	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20

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L1046	13	(body or patient or subject)) (US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20 07:56 PM
L1047	4	L48 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1048	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1049	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1050	17	L50 L51	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1051	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1052	4	L51 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1053	7	L51 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1054	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1055	627	L56 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1056	28	L56 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1057	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1058	33	L59 and ((mount) with	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1059	95	needle) L59 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20 07:56 PM
L1060	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1061	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1062	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1063	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1064	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1065	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1066	16	L66 L67	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1067	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1068	1	L69 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1069	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1070	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1071	16	L71 L72	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1072	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1073	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1074	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1075	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1076	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1077	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1078	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1079	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM

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L1080	20	A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc. (bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1081	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1082	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1083	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1084	3	L42 L43	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1085	15	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1086	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1087	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1088	17	L88 L89	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1089	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1090	4	L89 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1091	7	L89 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1092	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1093	627	L94 and (lower with	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1094	28	upper) L94 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20 07:56 PM
L1095	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1096	33	L97 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1097	95	L97 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1098	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1099	1	((stable or stablization) near2 bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1100	1869	(bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1101	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1102	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1103	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1104	16	L104 L105	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1105	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1106	1	L107 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1107	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1108	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1109	16	L109 L110	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1110	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1111	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1112	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1113	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1114	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1115	18	base\$1line with rank\$3 with application with	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1116	2	user (("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1117	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1118	20	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1119	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1120	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1121	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1122	3	L122 L123	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1123	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1124	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1125	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1126	4	L125 L126 L127	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1127	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1128	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1129	3	L129 L130	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1130	7	L128 or L131	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1131	0	L132 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1132	1	L132 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1133	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM

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		US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.					
L1134	4	L135 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1135	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1136	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1137	17	L137 L138	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1138	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1139	4	L138 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1140	7	L138 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1141	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1142	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1143	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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		20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.					
L1144	17	L144 L145	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1145	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1146	4	L145 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1147	7	L145 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1148	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1149	627	L150 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1150	28	L150 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1151	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1152	33	L153 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1153	95	L153 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1154	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1155	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1156	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1157	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1158	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1159	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1160	16	L160 L161	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1161	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1162	1	L163 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1163	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1164	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1165	16	L165 L166	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1166	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1167	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1168	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1169	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1170	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1171	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1172	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1173	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1174	20	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1175	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1176	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1177	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1178	3	L178 L179	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1179	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1180	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1181	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1182	4	L181 L182 L183	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1183	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1184	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1185	3	L185 L186	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1186	7	L184 or L187	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1187	0	L188 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1188	1	L188 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1189	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1190	4	L191 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1191	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1192	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1193	17	L193 L194	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1194	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1195	4	L194 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1196	7	L194 and (trans\$1rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1197	2202	or rectal) needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1198	627	L199 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1199	28	L199 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1200	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1201	33	L202 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1202	95	L202 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1203	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1204	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1205	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1206	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1207	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1208	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1209	16	L209 L210	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1210	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1211	1	L212 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1212	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1213	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1214	16	L214 L215	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1215	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1216	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1217	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1218	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1219	93	base\$1line with score	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20

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L1220	18	with application with user base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20 07:56 PM
L1221	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1222	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1223	20	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1224	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1225	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1226	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1227	3	L185 L186	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1228	15	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1229	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1230	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1231	17	L231 L232	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1232	4	L232 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1233	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1234	627	L235 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1235	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1236	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1237	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1238	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1239	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1240	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1241	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1242	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1243	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1244	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1245	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1246	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1247	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1248	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1249	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	07:56 PM 2022/05/20
L1250	4	L249 L250 L251	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20

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L1251	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1252	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1253	3	L253 L254	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1254	7	L252 or L255	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1255	0	L256 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1256	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1257	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1258	17	L258 L259	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1259	4	L259 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1260	81	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1261	2	"15465148"	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1262	62	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1263	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1264	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1265	17	5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID. L267 L268	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1266	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1267	4	L268 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1268	7	L268 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1269	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1270	627	L273 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1271	28	L273 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1272	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1273	33	L276 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1274	95	L276 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1275	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1276	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1277	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1278	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1279	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1280	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1281	16	L283 L284	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1282	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1283	1	L286 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1284	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1285	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1286	16	L288 L289	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1287	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1288	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1289	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1290	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1291	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1292	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1293	2	("8971995") or ("9408586").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1294	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1295	20	(bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1296	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1297	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1298	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1299	3	L301 L302	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1300	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1301	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1302	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	07:56 PM 2022/05/20
L1303	4	L304 L305 L306	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20
L1304	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20

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L1305	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1306	3	L308 L309	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1307	7	L307 or L310	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1308	0	L311 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1309	1	L311 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1310	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1311	4	L314 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1312	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1313	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1314	17	L316 L317	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1315	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1316	4	L317 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1317	7	L317 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1318	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1319	627	L322 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1320	28	L322 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1321	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1322	33	L325 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1323	95	L325 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1324	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1325	1	((stable or stablization) near2 bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1326	1869	(bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1327	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1328	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1329	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1330	16	L332 L333	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1331	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1332	1	L335 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1333	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1334	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1335	16	L337 L338	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1336	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1337	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1338	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1339	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1340	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1341	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1342	2	(("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1343	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1344	20	(bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1345	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1346	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1347	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1348	3	L308 L309	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1349	15	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1350	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1351	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1352	17	L354 L355	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1353	4	L355 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1354	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20 07:56 PM
L1355	627	L358 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1356	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1357	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1358	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1359	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1360	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1361	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1362	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1363	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1364	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1365	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1366	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1367	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1368	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1369	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1370	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1371	4	L372 L373 L374	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1372	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1373	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1374	3	L376 L377	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1375	7	L375 or L378	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1376	0	L379 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1377	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1378	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1379	17	L381 L382	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1380	4	L382 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1381	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1382	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1383	17	L385 L386	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1384	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1385	4	L386 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1386	7	L386 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1387	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1388	627	L391 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1389	28	L391 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1390	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1391	33	L394 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1392	95	L394 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1393	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1394	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1395	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1396	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1397	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1398	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1399	16	L401 L402	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1400	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1401	1	L404 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1402	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1403	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1404	16	L406 L407	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1405	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1406	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1407	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1408	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1409	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1410	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1411	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1412	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1413	20	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1414	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1415	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1416	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1417	3	L419 L420	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1418	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1419	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1420	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1421	4	L422 L423 L424	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1422	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1423	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1424	3	L426 L427	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1425	7	L425 or L428	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1426	0	L429 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1427	1	L429 and (attach\$3 with	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20

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L1428	13	(body or patient or subject)) (US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20 07:56 PM
L1429	4	L432 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1430	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1431	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1432	17	L434 L435	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1433	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1434	4	L435 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1435	7	L435 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1436	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1437	627	L440 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1438	28	L440 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1439	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1440	33	L443 and ((mount) with	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1441	95	needle) L443 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1442	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1443	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1444	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1445	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1446	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1447	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1448	16	L450 L451	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1449	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1450	1	L453 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1451	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1452	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1453	16	L455 L456	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1454	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1455	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1456	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1457	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1458	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1459	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1460	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20
L1461	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20

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L1462	20	A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc. (bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1463	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1464	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1465	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1466	3	L426 L427	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1467	15	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1468	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1469	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1470	17	L472 L473	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1471	4	L473 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1472	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1473	627	L476 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1474	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1475	1869	(bar) and	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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		((trans\$1rectal or rectal) WITH PROBE)					07:56 PM
L1476	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1477	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1478	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1479	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1480	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1481	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1482	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1483	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1484	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1485	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1486	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1487	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1488	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1489	4	L490 L491 L492	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1490	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1491	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1492	3	L494 L495	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1493	7	L493 or L496	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1494	0	L497 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM

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L1495	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1496	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1497	17	L499 L500	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1498	4	L500 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1499	81	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1500	2	"15465148"	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1501	62	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1502	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1503	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1504	17	L508 L509	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1505	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1506	4	L509 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1507	7	L509 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1508	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1509	627	L514 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1510	28	L514 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1511	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1512	33	L517 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1513	95	L517 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1514	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1515	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1516	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1517	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1518	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1519	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1520	16	L524 L525	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1521	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1522	1	L527 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1523	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1524	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1525	16	L529 L530	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1526	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1527	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1528	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1529	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1530	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1531	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1532	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1533	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1534	20	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1535	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1536	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1537	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1538	3	L542 L543	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1539	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1540	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1541	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1542	4	L545 L546 L547	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1543	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1544	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1545	3	L549 L550	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1546	7	L548 or L551	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1547	0	L552 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1548	1	L552 and (attach\$3 with	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20

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L1549	13	(body or patient or subject)) (US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	07:56 PM 2022/05/20 07:56 PM
L1550	4	L555 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1551	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1552	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1553	17	L557 L558	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1554	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1555	4	L558 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1556	7	L558 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1557	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1558	627	L563 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1559	28	L563 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1560	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1561	33	L566 and ((mount) with	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1562	95	needle) L566 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20 07:56 PM
L1563	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1564	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1565	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1566	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1567	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1568	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1569	16	L573 L574	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1570	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1571	1	L576 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1572	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1573	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1574	16	L578 L579	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1575	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1576	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1577	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1578	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1579	93	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1580	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1581	2	((("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1582	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM

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L1583	20	A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc. (bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1584	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1585	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1586	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1587	3	L549 L550	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1588	15	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1589	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1590	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1591	17	L595 L596	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1592	4	L596 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1593	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1594	627	L599 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1595	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1596	1869	(bar) and	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20

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L1597	15	((trans\$1rectal or rectal) WITH PROBE) "20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	07:56 PM 2022/05/20 07:56 PM
L1598	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1599	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1600	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1601	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1602	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1603	548	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1604	41836	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1605	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1606	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1607	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1608	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1609	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/05/20 07:56 PM
L1610	4	L613 L614 L615	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1611	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1612	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1613	3	L617 L618	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1614	7	L616 or L619	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM
L1615	0	L620 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/05/20 07:56 PM

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L1616	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1617	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1618	17	L622 L623	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1619	4	L623 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1620	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1621	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1622	17	L626 L627	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1623	15	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1624	4	L627 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1625	7	L627 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1626	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1627	627	L632 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1628	28	L632 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM

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L1629	2202	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1630	33	L635 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1631	95	L635 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1632	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1633	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1634	1869	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1635	327	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1636	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1637	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1638	16	L642 L643	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1639	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1640	1	L645 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1641	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1642	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/20 07:56 PM
L1989	46	trans\$1perineal AND (access near2 needle) AND (biopsy near2 needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/22 09:13 AM
L1990	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1991	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L1992	17	8403842-\$.DID. L1 L2	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1993	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1994	4	L2 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1995	7	L2 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1996	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1997	649	L7 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1998	31	L7 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L1999	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2000	37	L10 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2001	97	L10 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2002	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2003	1	((stable or stablization) near2 bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2004	1904	(bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2005	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2006	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2007	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2008	16	L17 L18	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2009	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2010	1	L20 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2011	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2012	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2013	16	L22 L23	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2014	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26

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L2015	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2016	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2017	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2018	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2019	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2020	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2021	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2022	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2023	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2024	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2025	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2026	3	L35 L36	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2027	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2028	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2029	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	11:29 PM 2022/09/26
L2030	4	L38 L39 L40	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2031	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2032	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26

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L2033	3	L42 L43	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2034	7	L41 or L44	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2035	0	L45 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2036	1	L45 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2037	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2038	4	L48 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2039	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2040	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2041	17	L50 L51	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2042	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2043	4	L51 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2044	7	L51 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2045	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2046	649	L56 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2047	31	L56 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2048	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2049	37	L59 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2050	97	L59 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2051	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2052	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2053	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2054	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2055	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2056	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2057	16	L66 L67	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2058	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2059	1	L69 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2060	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2061	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2062	16	L71 L72	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2063	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2064	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2065	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2066	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2067	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2068	18	base\$1line with rank\$3	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26

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L2069	2	with application with user (("8971995") or ("9408586")).PN.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM
L2070	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2071	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2072	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2073	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2074	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2075	3	L42 L43	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2076	17	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2077	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2078	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2079	17	L88 L89	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2080	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2081	4	L89 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2082	7	L89 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2083	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2084	649	L94 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2085	31	L94 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2086	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2087	37	L97 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2088	97	L97 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2089	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2090	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2091	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2092	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2093	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2094	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2095	16	L104 L105	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2096	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2097	1	L107 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2098	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2099	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2100	16	L109 L110	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2101	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2102	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2103	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2104	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2105	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2106	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2107	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2108	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2109	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2110	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2111	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2112	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2113	3	L122 L123	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2114	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2115	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2116	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/09/26 11:29 PM
L2117	4	L125 L126 L127	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2118	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2119	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2120	3	L129 L130	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2121	7	L128 or L131	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2122	0	L132 and (attach\$3 with	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26

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L2123	1	skin) L132 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26 11:29 PM
L2124	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850- \$).did. or (US-5494039- \$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2125	4	L135 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2126	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2127	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US- 0221453-\$ US- 0245455-\$ US- 0310680-\$ US- 20030176759-\$ US- 20040031721-\$ US- 20040220444-\$ US- 20080221453-\$ US- 20120245455-\$ US- 20130310680-\$ US- 5494039-\$ US- 5931786-\$ US- 52704752-\$ US- 8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2128	17	L137 L138	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2129	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2130	4	L138 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2131	7	L138 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2132	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2133	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2134	15	(US-0031721-\$ US- 0176759-\$ US- 0220444-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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		0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.					
L2135	17	L144 L145	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2136	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2137	4	L145 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2138	7	L145 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2139	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2140	649	L150 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2141	31	L150 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2142	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2143	37	L153 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2144	97	L153 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2145	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2146	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2147	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2148	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2149	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2150	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2151	16	L160 L161	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2152	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26

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L2153	1	L163 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26 11:29 PM
L2154	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2155	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2156	16	L165 L166	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2157	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2158	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2159	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2160	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2161	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2162	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2163	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2164	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2165	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2166	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2167	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2168	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2169	3	L178 L179	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2170	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM

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L2171	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2172	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/09/26 11:29 PM
L2173	4	L181 L182 L183	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2174	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2175	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2176	3	L185 L186	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2177	7	L184 or L187	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2178	0	L188 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2179	1	L188 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2180	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2181	4	L191 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2182	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2183	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2184	17	L193 L194	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2185	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2186	4	L194 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2187	7	L194 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2188	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2189	649	L199 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2190	31	L199 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2191	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2192	37	L202 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2193	97	L202 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2194	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2195	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2196	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2197	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2198	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2199	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2200	16	L209 L210	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2201	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2202	1	L212 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2203	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2204	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2205	16	L214 L215	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2206	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2207	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2208	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2209	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2210	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2211	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2212	2	("8971995") or ("9408586").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2213	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2214	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2215	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2216	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2217	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2218	3	L185 L186	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2219	17	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2220	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2221	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2222	17	20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2223	4	L232 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2224	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2225	649	L235 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2226	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2227	1904	(bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2228	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2229	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2230	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2231	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2232	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2233	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2234	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2235	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2236	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2237	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2238	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26

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L2239	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2240	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	11:29 PM 2022/09/26
L2241	4	L249 L250 L251	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2242	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2243	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2244	3	L253 L254	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2245	7	L252 or L255	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2246	0	L256 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2247	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2248	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2249	17	L258 L259	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2250	4	L259 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2251	85	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2252	2	"15465148"	(USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2253	66	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2254	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2255	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26

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		0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.					
L2256	17	L267 L268	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2257	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2258	4	L268 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2259	7	L268 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2260	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2261	649	L273 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2262	31	L273 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2263	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2264	37	L276 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2265	97	L276 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2266	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2267	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2268	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2269	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2270	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2271	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2272	16	L283 L284	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2273	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2274	1	L286 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2275	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2276	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2277	16	L288 L289	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2278	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2279	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2280	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2281	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2282	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2283	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2284	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2285	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2286	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2287	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2288	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2289	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2290	3	L301 L302	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2291	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26

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L2292	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2293	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/09/26 11:29 PM
L2294	4	L304 L305 L306	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2295	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2296	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2297	3	L308 L309	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2298	7	L307 or L310	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2299	0	L311 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2300	1	L311 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2301	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2302	4	L314 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2303	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2304	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2305	17	L316 L317	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2306	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2307	4	L317 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2308	7	L317 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2309	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2310	649	L322 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2311	31	L322 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2312	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2313	37	L325 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2314	97	L325 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2315	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2316	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2317	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2318	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2319	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2320	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2321	16	L332 L333	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2322	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2323	1	L335 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2324	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2325	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2326	16	L337 L338	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2327	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2328	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2329	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2330	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2331	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2332	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2333	2	("8971995") or ("9408586").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2334	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2335	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2336	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2337	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2338	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2339	3	L308 L309	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2340	17	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2341	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2342	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2343	17	20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2344	4	L355 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2345	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2346	649	L358 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2347	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2348	1904	(bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2349	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2350	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2351	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2352	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2353	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2354	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2355	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2356	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2357	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2358	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2359	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26

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L2360	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2361	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	11:29 PM 2022/09/26
L2362	4	L372 L373 L374	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2363	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2364	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2365	3	L376 L377	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2366	7	L375 or L378	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2367	0	L379 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2368	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2369	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2370	17	L381 L382	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2371	4	L382 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2372	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2373	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26

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L2374	17	5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID. L385 L386	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2375	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2376	4	L386 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2377	7	L386 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2378	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2379	649	L391 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2380	31	L391 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2381	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2382	37	L394 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2383	97	L394 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2384	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2385	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2386	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2387	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2388	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2389	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2390	16	L401 L402	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2391	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2392	1	L404 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2393	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2394	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2395	16	L406 L407	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26

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L2396	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2397	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2398	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2399	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2400	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2401	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2402	2	("8971995") or ("9408586").PN.	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2403	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2404	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2405	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2406	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2407	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2408	3	L419 L420	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26
L2409	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2410	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2411	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	11:29 PM 2022/09/26
L2412	4	L422 L423 L424	(US-PGPUB; USPAT)	OR	OFF	OFF	11:29 PM 2022/09/26
L2413	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26

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L2414	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2415	3	L426 L427	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2416	7	L425 or L428	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2417	0	L429 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2418	1	L429 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2419	13	(US-20150366544-\$ or US-20150119715-\$ or US-20140039314-\$ or US-20110319759-\$ or US-20110071380-\$ or US-20090030339-\$ or US-20080004481-\$ or US-20120245455-\$ or US-20050159676-\$ or US-20070043291-\$ or US-20040162458-\$ or US-20030153850-\$).did. or (US-5494039-\$).did.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2420	4	L432 and (attach\$3 with (body or patient or subject))	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2421	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2422	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2423	17	L434 L435	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2424	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2425	4	L435 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2426	7	L435 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2427	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2428	649	L440 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2429	31	L440 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2430	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2431	37	L443 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2432	97	L443 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2433	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2434	1	((stable or stablization) near2 bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2435	1904	(bar) and (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2436	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2437	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2438	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2439	16	L450 L451	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2440	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2441	1	L453 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2442	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2443	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2444	16	L455 L456	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2445	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2446	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2447	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2448	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2449	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2450	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2451	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2452	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2453	23	(bar) with (trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2454	3	(US-10743909-\$ or US-10743910-\$ or US-10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2455	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2456	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2457	3	L426 L427	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2458	17	((("ALLAWAY") near3 ("Matthew"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2459	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2460	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2461	17	L472 L473	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2462	4	L473 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26

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L2463	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	11:29 PM 2022/09/26 11:29 PM
L2464	649	L476 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2465	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2466	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2467	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2468	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2469	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2470	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2471	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2472	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2473	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2474	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2475	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2476	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2477	2	"20040167542"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2478	1	"20090292224"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2479	1	("5494039").PN.	(USPAT; USOCR)	OR	OFF	OFF	2022/09/26 11:29 PM
L2480	4	L490 L491 L492	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2481	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2482	1	"20060241477"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2483	3	L494 L495	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2484	7	L493 or L496	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2485	0	L497 and (attach\$3 with skin)	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2486	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2487	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-52704752-\$ US-8403842-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2488	17	L499 L500	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2489	4	L500 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2490	85	(needle with (trans\$1rectal or rectal)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2491	2	"15465148"	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2492	66	(needle with (trans\$1rectal or rectal) with gauge)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2493	2	"20160022309"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2494	15	(US-0031721-\$ US-0176759-\$ US-0220444-\$ US-0221453-\$ US-0245455-\$ US-0310680-\$ US-20030176759-\$ US-20040031721-\$ US-20040220444-\$ US-20080221453-\$ US-20120245455-\$ US-20130310680-\$ US-5494039-\$ US-5931786-\$ US-	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2495	17	52704752-\$ US-8403842-\$).DID. L508 L509	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2496	17	"14677286"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2497	4	L509 and rectal	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2498	7	L509 and (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2499	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2500	649	L514 and (lower with upper)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2501	31	L514 and ((lower with upper) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2502	2260	needle with (trans\$1rectal or rectal)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2503	37	L517 and ((mount) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2504	97	L517 and ((holder) with needle)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2505	2	"20140059703"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2506	1	((stable or stablization) near2 bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2507	1904	(bar) and ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2508	332	needle with (trans\$1rectal or rectal) with probe	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2509	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2510	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2511	16	L524 L525	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2512	1	("9326189").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2513	1	L527 and (user near2 behavior)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2514	1	("5494039").PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2515	15	"20030153850"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2516	16	L529 L530	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

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L2517	1	"20140136607"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2518	0	"20140136607" and baseline	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2519	0	"20140136607" and average	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2520	578	base\$1line with score with application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2521	96	base\$1line with score with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2522	18	base\$1line with rank\$3 with application with user	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2523	2	((("8971995") or ("9408586"))).PN.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2524	43207	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2525	23	(bar) with ((trans\$1rectal or rectal) WITH PROBE)	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM
L2526	3	(US-10743909-\$ or US- 10743910-\$ or US- 10743911-\$).did.	(USPAT)	OR	OFF	OFF	2022/09/26 11:29 PM
L2527	2	"20090093715"	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/26 11:29 PM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N263	15959	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or	(USPAT)	OR	OFF	OFF	2021/06/01 08:33 PM

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N264	12	A61B2017/3413).cpc. (needle with (trans\$1rectal or rectal)).clm. and N263	(USPAT)	OR	ON	ON	2021/06/01 08:39 PM
N506	16548	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(USPAT)	OR	OFF	OFF	2021/10/08 11:24 PM
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N987	12	(needle with (trans\$1rectal or rectal)).clm. and N986	(USPAT)	OR	ON	ON	2021/12/05 10:18 AM
N988	16783	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(USPAT)	OR	OFF	OFF	2021/12/05 10:23 AM
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N990	9	(needle WITH (trans\$1perineal)).clm. AND N988	(USPAT)	OR	ON	ON	2022/09/26 11:30 PM

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09/26/2022 11:34:40 PM
Workspace: 17314845

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SC

N991	18135	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(USPAT)	OR	OFF	OFF	2022/09/26 11:34 PM
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N994	15	(needle with (trans\$1rectal or rectal)).clm. and N506	(USPAT)	OR	ON	ON	2022/09/26 11:34 PM
N995	18135	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or A61B2017/00274 or A61B2018/00547 or A61B2017/00477 or A61B2010/045 or A61B2017/3413).cpc.	(USPAT)	OR	OFF	OFF	2022/09/26 11:34 PM
N996	15	(needle with (trans\$1rectal or rectal)).clm. and N986	(USPAT)	OR	ON	ON	2022/09/26 11:34 PM
N997	18135	(A61B90/39 or A61B8/0841 or A61B8/12 or A61B10/0241 or A61B10/04 or A61B17/3403 or A61B18/02 or A61B18/12 or	(USPAT)	OR	OFF	OFF	2022/09/26 11:34 PM

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Workspace: 17314845

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SC

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N999	9	(needle WITH (trans\$1perineal)).clm. AND N988	(USPAT)	OR	ON	ON	2022/09/26 11:34 PM

PTO/SB/08A (08-03) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	APPLICATION NO.: 17/698,641	FILING DATE: 03/18/2022
	INVENTOR(S): Matthew J. Allaway	ART UNIT: 3793
	EXAMINER NAME: Sanjay Cattungal	ATTY. DOCKET NO.: 083003-722509

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS*	Cite No. ¹	PATENT NUMBER	ISSUE DATE	Name of Patentee of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (if known)	MM-DD-YYYY		
	1.	5,871,448	2/16/1999	Ellard	
	2.	7,959,573	6/11/2011	Furia	
	3.	6,485,426	11/26/2002	Sandhu	

U.S. PUBLICATION DOCUMENTS					
EXAMINER INITIALS*	Cite No. ¹	PUBLICATION NUMBER	PUBLICATION DATE	Name of Inventor(s) of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (if known)	MM-DD-YYYY		
	4.	2012/0203095 A1	8/9/2012	Krieger	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	MM-DD-YYYY			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	Cite No. ¹	Include name of Author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), publisher, page(s) and date.	T ⁶
	5.	EP Examination Report, EP21153023.3, dated 3-24-2022	
	6.	U.S. Patent Litigation Document, Answer, Affirmative Defenses, Counterclaims and Jury Demand, dated 04-15-2022	
	7.	U.S. Patent Litigation Document, Exhibit A - Answer, Affirmative Defenses, Counterclaims and Jury Demand, dated 4-15-2022	
	8.	U.S. Patent Litigation Document, Exhibit B - Answer, Affirmative Defenses, Counterclaims and Jury Demand, dated 4-15-2022	
	9.	U.S. Patent Litigation Document, Exhibit C - Answer, Affirmative Defenses, Counterclaims and Jury Demand, dated 4-15-2022	
	10.	U.S. Patent Litigation Document, Corrected Answer, Affirmative Defenses, Counterclaims and Jury Demand, dated 4-18-2022	

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is a

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /s.c/

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
	11.	U.S. Patent Litigation Document, Initial Disclosure of Infringement Contentions, dated 6-30-2022	
	12.	U.S. Patent Litigation Document, Exhibit A - Second Amended Complaint for Declaratory Judgment of Patent Noninfringement and Invalidity, dated 7-20-2022	
	13.	U.S. Patent Litigation Document, Plaintiff's Initial Invalidity Contentions, dated 8-1-2022	
	14.	Gencay Hatiboglu, et al., Application Technique: Placement of a Prostate-Rectum Spacer in Men Undergoing Prostate Radiation Therapy, 110 BJU Int'l E647 (May 10, 2012)	
	15.	Stephan Zangos, et al., MR-Guided Transgluteal Biopsies with an Open Low-Field System in Patients with Clinically Suspected Prostate Cancer: Technique and Preliminary Results, 15 Euro Radiology 174 (Sept. 4, 2004)	
	16.	Vincenzo Ficarra, et al., Needle Core Length Is a Quality Indicator of Systematic Transperineal Prostate Biopsy, 50 EUROPEAN UROLOGY 266 (2006)	
EXAMINER		/SANJAY CATTUNGAL/	DATE CONSIDERED 09/21/2022
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United States Patent and Trademark Office

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Document Code:WFEE

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Sale Accounting Date:08/30/2022

Sale Item Reference Number
17698641

Effective Date
08/25/2022

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I20228TD56343495	2202	CLAIMS IN EXCESS OF 20	\$300.00	Deposit Account

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PTO/SB/08A (08-03) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	APPLICATION NO.: 17/698,641	FILING DATE: 03/18/2022
	INVENTOR(S): Matthew J. Allaway	ART UNIT: 3793
	EXAMINER NAME: Sanjay Cattungal	ATTY. DOCKET NO.: 083003-722509

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	3.	6,485,426	11/26/2002	Sandhu	

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	4.	2012/0203095 A1	8/9/2012	Krieger	

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		Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	MM-DD-YYYY			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	Cite No. ¹	Include name of Author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), publisher, page(s) and date.	T ⁶
	5.	EP Examination Report, EP21153023.3, dated 3-24-2022	
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¹ Applicant's unique citation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is a

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
	11.	U.S. Patent Litigation Document, Initial Disclosure of Infringement Contentions, dated 6-30-2022	
	12.	U.S. Patent Litigation Document, Exhibit A - Second Amended Complaint for Declaratory Judgment of Patent Noninfringement and Invalidity, dated 7-20-2022	
	13.	U.S. Patent Litigation Document, Plaintiff's Initial Invalidity Contentions, dated 8-1-2022	
	14.	Gencay Hatiboglu, et al., Application Technique: Placement of a Prostate-Rectum Spacer in Men Undergoing Prostate Radiation Therapy, 110 BJU Int'l E647 (May 10, 2012)	
	15.	Stephan Zangos, et al., MR-Guided Transgluteal Biopsies with an Open Low-Field System in Patients with Clinically Suspected Prostate Cancer: Technique and Preliminary Results, 15 Euro Radiology 174 (Sept. 4, 2004)	
	16.	Vincenzo Ficarra, et al., Needle Core Length Is a Quality Indicator of Systematic Transperineal Prostate Biopsy, 50 EUROPEAN UROLOGY 266 (2006)	
EXAMINER			DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor(s): Matthew J. Allaway	
App. No.: 17/698,641	Con. No.: 9971
Filed: 03/18/2022	Art Unit: 3793
Title: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE	Examiner: Sanjay Cattungal

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§ 1.56, 1.97, AND 1.98**

Dear Commissioner:

The Examiner is respectfully requested to consider the patents, patent applications, publications, or other information cataloged on the enclosed Form PTO/SB/08A during examination of the above-identified patent application. The order of presentation of the references should not be construed as an indication of importance. These references are submitted for the Examiner's consideration and are submitted pursuant to an Applicant's duty of disclosure under 37 C.F.R. § 1.56.

Copies of all the cited documents

☐ are enclosed unless otherwise indicated on the enclosed Form PTO/SB/08a.

☐ have been previously furnished to the Office in prior application No. _____, filed _____, which the present application relies upon for an earlier effective filing date under 35 U.S.C. § 120. Therefore, no copies of the cited documents are included herewith pursuant to 37 C.F.R. § 1.98(d); MPEP § 609(III)(A)(2).

☒ are enclosed unless they are U.S. patents or U.S. patent application publications pursuant to 37 C.F.R. § 1.98(a).

I
BASIS

This information disclosure statement is filed pursuant to

- ☐ 37 C.F.R. § 1.97(b).
This information disclosure statement is filed either (1) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; (3) before the mailing date of a first Office action on the merits; or (4) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

- ☒ 37 C.F.R. § 1.97(c).
This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing date of any of (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c), or a statement under 37 C.F.R. § 1.97(e).

- ☐ 37 C.F.R. § 1.97(d).
This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(c) since a

- ☐ final action under 37 C.F.R. § 1.113
☐ notice of allowance under 37 C.F.R. § 1.311

was mailed to the Applicant(s) on _____. The issue fee has not been paid herein.

Accordingly, this information disclosure statement requires the fee set forth in 37 C.F.R. § 1.17(p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d), and a statement under 37 C.F.R. § 1.97(e).

If this statement crosses in the mail with an Office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

II FEES

Any required fee is being paid as indicated below by an enclosed check or our deposit account.

- ☐ No fee is due.
- ☒ The \$130 fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) or (d) is due.
- ☐ A check is enclosed for the required fee.
- ☐ Payment by credit card is submitted simultaneously herewith for the required fee.
- ☒ Please charge the required fee to our deposit account no. 50-1662.
- ☒ The Commissioner is hereby authorized to charge any additional required fees or credit any overpayments associated with this information disclosure statement to our deposit account no. 50-1662.

III CERTIFICATION

Pursuant to 37 C.F.R. § 1.97(e), I state as follows:

- ☒ No statement is necessary.
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. 37 C.F.R. § 1.97(e)(1).
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement. 37 C.F.R. § 1.97(e)(2).

Pursuant to 37 C.F.R. § 1.704(d), I state as follows:

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart application, and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.

IV FOREIGN LANGUAGE REFERENCES

Pursuant to 37 C.F.R. § 1.98(a)(3)(i), any information disclosure statement filed under 37 C.F.R. § 1.97 shall include a concise explanation of the relevance, as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the information, of each patent, publication, or other information listed that is not in the English language. The concise explanation may be either separate from the specification or incorporated therein. In compliance with the rules, the Applicant states as follows:

- ☒ No concise explanation is required since all cited references are in English.
- ☐ A concise explanation of the relevance of one or more foreign language references is attached.
- ☐ According to the procedural policy adopted by the PTO with regard to disclosure requirements, the Applicant is satisfying the disclosure requirement pursuant to MPEP § 609.04(a)(III) by submitting herewith the following:
 - ☐ An English language version of one or more non-English language documents.
 - ☐ An English language equivalent application or patent of one or more non-English language applications or patents.
 - ☐ An English language version of one or more search reports or other actions by one or more foreign patent offices in one or more counterpart foreign applications, which indicate the degree of relevance found by the foreign office(s).
 - ☐ An English language abstract of one or more non-English language references.

The Applicant has not analyzed these documents and, therefore, declines to comment on their relevance at this time.

V REMARKS

- ☐ Pursuant to the doctrines established by the Court of Appeals for the Federal Circuit in *McKesson Information Solutions, Inc. v. Bridge Medical, Inc.*, 487 F.3d 897 (Fed. Cir. 2007) and *Dayco Products, Inc. v. Total Containment, Inc.*, 329 F.3d 1358 (Fed. Cir. 2003), Applicant(s) submit documents herewith reflecting the prosecution history of applications that Applicant(s) believe may be considered related to the present application.
- ☐ In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and as required by M.P.E.P. § 2001.06(b), the Examiner is requested to consider the pending U.S.

patent applications listed in "Attachment A," which are owned by the Assignee of the present application. The pending patent applications may include subject matter similar to that of the present application.

It is respectfully requested that

- (1) the Examiner sign the enclosed Form PTO/SB/08a and Attachment A to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and
- (2) the citations for the cited information be printed on any patent that issues from this application.

The submission of this information disclosure statement by the Applicant(s) shall not be construed as a representation that a search has been performed or that no other material information under 37 C.F.R. § 1.56 exists. See 37 C.F.R. § 1.97(g).

The submission of this information disclosure statement by the Applicant(s) shall not be construed as an admission that any information cited or referred to herein is, or is considered to be, material to the patentability of one or more of the pending claims in this application pursuant to 37 C.F.R. § 1.56(b), unless specifically designated by the Applicant(s) as such. See 37 C.F.R. § 1.97(h).

The submission of this information disclosure statement by the Applicant(s) shall not be construed as an admission that any information cited or referred to herein is, or is considered to be, or even qualifies as "prior art" under 35 U.S.C. § 102 with respect to this invention, unless specifically designated by the Applicant(s) as such.

Notwithstanding any statements by the Applicant(s), the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

VI CONCLUSION

The Examiner is encouraged to contact the undersigned attorney to discuss any questions concerning this information disclosure statement or any of the information cited or referred to herein.

Respectfully submitted this 26th day of August 2022.

/Joshua J. Prancun/
Joshua J. Prancun, Registration No. 70712
Customer No. 24030
POL SINELLI PC
TEL: 303-583-8269



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/698,641

RECEIPT DATE / TIME
08/26/2022 07:30:46 PM ET

ATTORNEY DOCKET #
083003-722509

Title of Invention

TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9971

FILED BY Donna Carrera

PATENT CENTER # 60912985

FILING DATE 03/18/2022

CUSTOMER # 24030

FIRST NAMED INVENTOR Matthew J. ALLAWAY

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Josh Prancun

Documents

TOTAL DOCUMENTS: 14

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
083003-722509_IDS_PTO-SB-08a_8-26-22.pdf	2	Information Disclosure Statement (IDS) Form (SB08)	153 KB

Warning: This is not a USPTO supplied IDS fillable form. Data in the form cannot be automatically loaded to other USPTO systems.

083003-722509_IDS_TransmittalLetter_8-26-22.pdf	5	Transmittal Letter	150 KB
2022-03-24_EP_ExaminationReport.pdf	8	Other reference-Patent/Application/Search Documents	415 KB

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NPL_2022.07.20_Plaintiffs_SecondAmendedComplaint.pdf	48	Non Patent Literature	13601 KB
NPL_Ficarra_2006.pdf	6	Non Patent Literature	827 KB
NPL_Zangos_2004.pdf	9	Non Patent Literature	932 KB
NPL_Hatiboglu_2012.pdf	6	Non Patent Literature	663 KB
NPL_2022.04.18_CorrectedAnswer_Counterclaims.pdf	28	Claims	4021 KB
NPL_2022.04.15_Answer_AffirmativeDefenses_Counterclaim.pdf	28	Claims	4021 KB
NPL_2022.04.15_ExhibitA_to_Answer_AffirmativeDefenses.pdf	13	Non Patent Literature	609 KB
NPL_2022.04.15_ExhibitB_Answer_AffirmativeDefenses.pdf	17	Non Patent Literature	758 KB
NPL_2022.04.15_ExhibitC_Answer_AffirmativeDefenses.pdf	26	Non Patent Literature	943 KB
NPL_2022.08.01_AMD_InvalidityContentions-FLAT-2.pdf	103	Non Patent Literature	2717 KB
NPL_2022.06.30_InfringementContentionsWithExhibitsA-K-FLAT-2.pdf	235	Non Patent Literature	9571 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
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083003-722509_IDS_PTO-SB-08a_8-26-22.pdf	47627D4986A81132B3EE2028650B12FBAA046C4AD8635065A06546C91658F9FF114EFD48710CC006236434B66C8B53FA56E14C9A28462ABAF773276DB32E4A9C
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2022-03-24_EP_ExaminationReport.pdf	0691001BF284F2C04C4CA679F64211F52FEF7D0DA0F19C550ED70B4BFC2B43FB823ADCDC77E17747FBFE625B2810DA4EAF6D8A6178580C3F2B4D4FADD3D84017
NPL_2022.07.20_Plaintiffs_SecondAmendedComplaint.pdf	EE006AAE1EECEDCE1EB530FFDE3083300435C262A1C0A30C8371D68F7104C1D5B4AE7FDA0B944518B69F6AD4815960948659CF478CCCC8AA1E4FF16D6000051A
NPL_Ficarra_2006.pdf	80C46C80D6ED43E678D564AC2D7006615C370EFA8F92EC85B0FCC9C395F43D3D73485527821151C844D3DCE01741C7DB84D5AA07CCD6CEF3B2689080128F2F85
NPL_Zangos_2004.pdf	C5BD33B680766750CFDF7D0769A0EFF373F947C7931CAD8BE727DCDD3CD296F1B9D5C5DF39347A9FCF9FB0252A913780B127EC2AF779866323D012D9F7B65778
NPL_Hatiboglu_2012.pdf	C57C7ADBFBC7EEC05393FF5BAC06737C2A5C4B13B294112BA118FBCE2F0F018CEB7385152BB25A14CF68AAC398F07F3E872A3B60D38001F8CF0B5A40A086ED2B
NPL_2022.04.18_CorrectedAnswer_Counterclaims.pdf	8150513ED98C55834936F820C733D2F8F07AE8AB251A446D0B95BBD5CF26C1C28731D81AF75622E7C654DA9F76B7D4954F62B71FA904E4A4B132E3B3BE853389
NPL_2022.04.15_Answer_AffirmativeDefenses_Counterclaim.pdf	7688509D9E63B537E139E269FC440CB0FE8116A5A712D2279F45B546F2178157544F315928671F19DF09A6CF1883B8FEBD08A370B223C63AF13CC3BE31C2FAEF
NPL_2022.04.15_ExhibitA_to_Answer_AffirmativeDefenses.pdf	B555BD2E3AC0504B26455852EB9B24F58D2FA8BC7DCED5C9C0D26334BCBB3BB7CA927F1E6612705FF8CF2FF0129C523C16EEBCF929C2589C0E21E690081D784C

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NPL_2022.04.15_ExhibitB_Answer_AffirmativeDefenses.pdf	AC6112B99D8C3E0015319DABA4019D360CE2F06E05206FEB0B951C81117179D15D72BC042E474CB2CE274748A27BA9582C5BBCCCE16D8C1C91BF5E46F69167F9A
NPL_2022.04.15_ExhibitC_Answer_AffirmativeDefenses.pdf	61D8C5DF623A6E47466BF1D930DCC287335CAE9F616225E939C5043DA59935B84A12E33C8FAE4882D3C39EC6DA0991158B13B1E2EFFACF8DBE8F2DCC1A776EF3
NPL_2022.08.01_AMD_InvalidityContentions-FLAT-2.pdf	DC31A99B1E01358AC4193032FB613A14DCDD7F1374E7C44195A52A949391BEEF16EB7E184CDF2113BE186DD5849A7B510B604A851AF73568B215D6A02B4F1DC1
NPL_2022.06.30_InfringementContentionsWithExhibitsA-K-FLAT-2.pdf	9C9B2274AB2B7F0D3CF987E931647F369357F794EF61A2BF742DF9657C2413A9E94F72A881E1814FD7016637C00C3730254AF05E78143AD3F1441C4E8AE45563

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

CORBIN_CLINICAL-002115



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/698,641

RECEIPT DATE / TIME
08/26/2022 07:30:46 PM ET

ATTORNEY DOCKET #
083003-722509

Title of Invention

TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9971

FILED BY Donna Carrera

PATENT CENTER # 60912985

AUTHORIZED BY Josh Prackun

CUSTOMER # 24030

FILING DATE 03/18/2022

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Matthew J. ALLAWAY

Payment Information

PAYMENT METHOD
DA / 501662

PAYMENT TRANSACTION ID
E20228PJ32094989

PAYMENT AUTHORIZED BY
Donna Carrera

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2806	SUBMISSION OF AN INFORMATION DISCLOSURE STATEMENT	130.00	1	130.00
TOTAL AMOUNT:				\$130.00

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

CORBIN_CLINICAL-002116

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

CORBIN_CLINICAL-002117

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor(s): Matthew J. Allaway	
App. No.: 17/698,641	Con. No.: 9971
Filed: March 18, 2022	Art Unit: 3793
Title: TRANSPERINEAL PROSTATE BIOPSY DEVICE, SYSTEMS, AND METHODS OF USE	Examiner: Sanjay Cattungal

AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office action dated May 25, 2022, please consider the following remarks and amend the above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method of performing a transperineal biopsy procedure on a prostate of a patient using a transrectal ultrasound probe configured to provide imaging, the patient comprising a perineal access site leading to the prostate, the transrectal ultrasound probe including a shaft and a handle proximal to the shaft, the method comprising:

inserting an access needle into the perineal access site of the patient, the access needle including a hub at a proximal end of the access needle and a tubular shaft extending distally from the hub, the tubular shaft including a lumen sized to receive a biopsy needle therethrough;

coupling the access needle to one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide such that a position of the access needle relative to the displacement member is retained, the transperineal biopsy guide comprising: a mount releasably coupled to the transrectal ultrasound probe; a guide member coupled to the mount; and the displacement member configured to slide relative to the guide member and including a vertically extending member including the plurality of needle receiving ports; and

inserting the biopsy needle through the access needle and into a first location of the prostate of the patient.

2. (Original) The method of claim 1, further comprising: contacting a distal end of a pair of guide rails of the guide member with the perineal access site of the patient.

3. (Original) The method of claim 1, further comprising injecting a substance into the patient via the biopsy needle.

4. (Original) The method of claim 1, further comprising taking a first biopsy of the first location of the prostate of the patient via the biopsy needle.

5. (Original) The method of claim 4, further comprising taking a second biopsy of a second location of the prostate of the patient via the biopsy needle, the second location being different than the first location.
6. (Original) The method of claim 5, wherein the access needle remains positioned within the perineal access site of the patient for the first biopsy and the second biopsy.
7. (Original) The method of claim 1, further comprising coupling the transperineal biopsy guide to the shaft of the transrectal ultrasound probe via a releasable fastener.
8. (Original) The method of claim 7, wherein the releasable fastener does not wrap around the handle of the transrectal ultrasound probe.
9. (Original) The method of claim 1, further comprising imaging the prostate of the patient with the transrectal ultrasound probe.
10. (Original) The method of claim 1, wherein coupling the access needle to one of the plurality of needle receiving ports of the displacement member of the transperineal biopsy guide comprises inserting a portion of the hub into one of the plurality of needle receiving ports.
11. (Original) The method of claim 1, wherein the access needle has a needle size of 15 gauge or 16 gauge.
12. (Original) The method of claim 1, wherein the biopsy needle has a needle size of 18 gauge.
13. (Original) A method of performing a transperineal biopsy procedure on a prostate of a patient using a transrectal ultrasound probe configured to provide imaging, the patient comprising a perineal access site leading to the prostate, the transrectal ultrasound probe including a shaft and a handle proximal to the shaft, the method comprising:

inserting an access needle into one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide that is secured to the transrectal ultrasound probe, the access needle including a hub at a proximal end of the access needle and a tubular shaft extending distally from the hub, the tubular shaft including a lumen sized to receive a biopsy needle therethrough, the transperineal biopsy guide comprising a mount configured to

releasably couple to the transrectal ultrasound probe, a guide member extending from the mount, and the displacement member configured to slide relative to the guide member;

securing the access needle to the displacement member such that a position of the access needle relative to the displacement member is maintained;

imaging the prostate of the patient with the transrectal ultrasound probe;

inserting the access needle into the perineal access site of the patient; and

inserting the biopsy needle through the access needle and into the prostate of the patient.

14. (Original) The method of claim 13, further comprising: contacting a distal end of a pair of guide rails of the guide member with the perineal access site of the patient.

15. (Original) The method of claim 13, further comprising injecting a substance into the patient via the biopsy needle.

16. (Original) The method of claim 13, further comprising taking a first biopsy of a first location of the prostate of the patient via the biopsy needle.

17. (Original) The method of claim 16, further comprising taking a second biopsy of a second location of the prostate of the patient via the biopsy needle, the second location being different than the first location.

18. (Original) The method of claim 17, wherein the access needle remains positioned within the perineal access site of the patient for the first biopsy and the second biopsy.

19. (Original) The method of claim 13, further comprising coupling the transperineal biopsy guide to the shaft of the transrectal ultrasound probe via a releasable fastener.

20. (Original) The method of claim 19, wherein the releasable fastener does not wrap around the handle of the transrectal ultrasound probe.

21. (Original) The method of claim 13, wherein imaging the prostate of the patient with the transrectal ultrasound probe is performed in a sagittal imaging plane.

22. (Original) The method of claim 13, wherein securing the access needle to the displacement member comprises inserting a portion of the hub into one of the plurality of needle receiving ports.

23. (Currently Amended) The method of claim 13, wherein the access needle has a needle size of 15 gauge or 16 gauge, and wherein the biopsy needle has a needle size of 18 gauge.

24. (Canceled)

25. (New) A method of performing a transperineal biopsy procedure on a prostate of a patient using an ultrasound probe configured to provide imaging, the patient comprising a perineal access site leading to the prostate, the ultrasound probe including a shaft and a handle proximal to the shaft, the method comprising:

inserting an access needle into one of a plurality of needle receiving ports of a displacement member of a transperineal biopsy guide that is secured to the ultrasound probe, the access needle including a tubular shaft and a lumen extending through the tubular shaft, the lumen sized to receive a biopsy needle therethrough, the transperineal biopsy guide operably coupled to the ultrasound probe and including a guide member and the displacement member, the displacement member configured to slide relative to the guide member;

securing the access needle to the one of a plurality of needle receiving ports of the displacement member such that further insertion of the access needle relative to the displacement member is restricted;

imaging the prostate of the patient with the ultrasound probe;

inserting the access needle into the perineal access site of the patient; and

inserting the biopsy needle through the access needle and into a first location of the prostate of the patient.

26. (New) The method of claim 25, wherein securing the access needle to the one of a plurality of needle receiving ports of the displacement member includes inserting a structure that is

engaged with the tubular shaft of the access needle into the one of a plurality of needle receiving portions of the displacement member.

27. (New) The method of claim 26, wherein the structure is a hub of the access needle, the hub coupled to the tubular shaft.

28. (New) The method of claim 25, wherein the guide member includes a first stabilization member having a first groove, and a second stabilization member having a second groove, the first and second stabilization members opposing each other, wherein a portion of the platform is configured to be received within the first and second grooves.

29. (New) The method of claim 25, further comprising:

taking a first biopsy of the first location of the prostate of the patient via the biopsy needle;

taking a second biopsy of a second location of the prostate of the patient via the biopsy needle, the second location being different than the first location, wherein the access needle remains positioned within the perineal access site of the patient for the first biopsy and the second biopsy.

30. (New) The method of claim 25, wherein the access needle has a needle size of 15 gauge or 16 gauge, and wherein the biopsy needle has a needle size of 18 gauge.

31. (New) The method of claim 25, wherein securing the access needle to the one of a plurality of needle receiving ports of the displacement member restricts rotation of the access needle relative to the displacement member.