A smile for eveyone solution

NeoArch® Solution

Helix® Implant

NeoConvert™

Transforming smiles



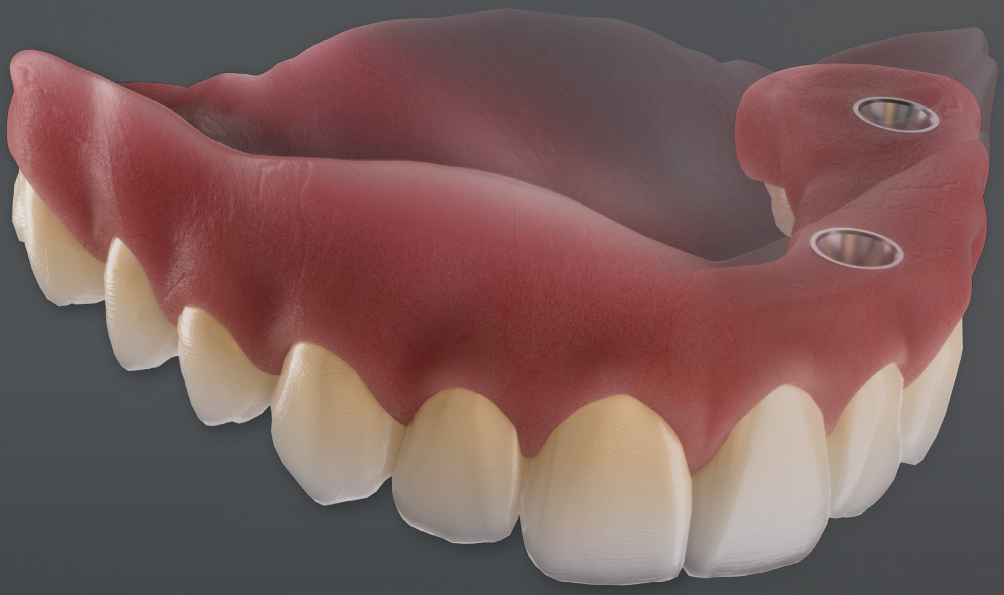
NEODENT®

A Straumann Group Brand

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NeoConvert™
Transforming smiles

THE **NEODENT®** TECHNIQUE FOR IMPROVING THE **CONVERSION** FROM **REMOVABLE TO FIXED DENTURES**.



Fixed full arch solutions have an important role in implant dentistry.[1] For patients, a life-time decision towards an improved quality of life. For dentists, the satisfaction of overcoming limitations to exceed expectations.

The challenges in this journey are directly related to decreasing the time for fixed teeth, and improving comfort during the procedures while keeping treatment affordability. All these aspects are crucial for decision-making, and the technique of choice has a relevant impact on the journey.

NeoConvert™ delivers a different way to transform smiles: a first step to full arch immediacy developed to enable temporary treatment with lower chair time and greater predictability with a straightforward workflow, whether performed chairside or in the lab.

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A SMILE FOR **EVERYONE**

Neodent® goes beyond conventional implant dentistry to offer solutions for immediate treatments in a wide range of clinical challenges. From single-unit to full arch restorations, 'A Smile For Everyone' portfolio aims to increase efficiency and peace of mind, while improving patient satisfaction and quality of life, by immediately restoring function with reliability.



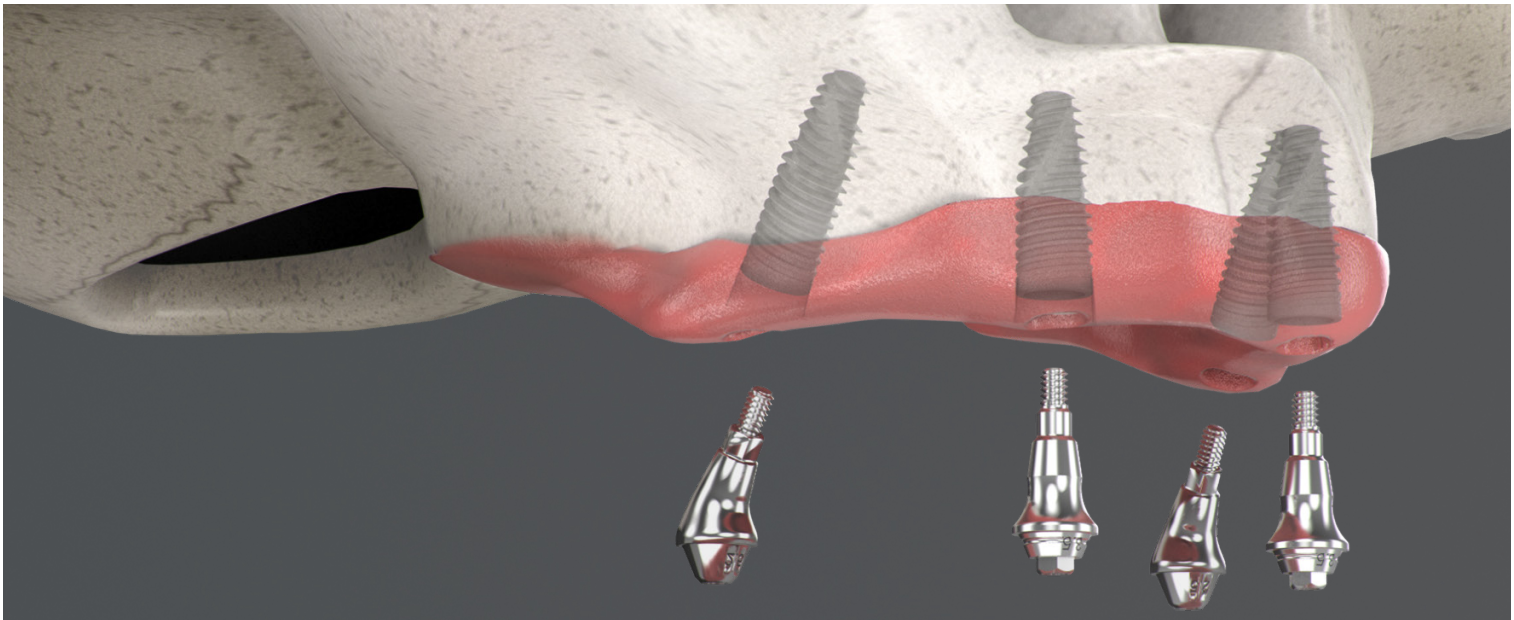
THE FIRST STEP FOR IMMEDIACY: SIMPLE AS IT SHOULD BE

NeoConvert™ is a game-changing technique to convert removable to fixed dentures: the simplicity in every step for immediacy.

IMMEDIATE FULL ARCH TREATMENT: ONE STEP CLOSER TO EFFECTIVENESS

NeoConvert™ values your chair time with efficiency: full conversion technique in your hands with a straightforward workflow.

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THE FIRST STEP FOR IMMEDIACY: SIMPLE AS IT SHOULD BE

The temporary phase of a full-arch treatment delivers multiple benefits[2], but conventional denture conversion techniques are challenging and time-consuming. NeoConvert™ is the transformation of a denture into a fixed solution with a simple and precise technique.

ATTACH THE CYLINDER PRECISELY

Torque Control technology for the precise fit: The Digital Driver avoids the over-torque of the capture pin, providing the optimal capture position of the cylinder over the abutment, and the proper passivity fit of your conversions.



SEAMLESS PROSTHESIS CAPTURE AND REMOVAL

The NeoConvert™ Capture Pin was developed for an uncomplicated capture and removal of the denture, with no previous access to occlusal screws: a cutting-edge Peek solution that eliminates the unscrewing step.

The capture Pin, as a state-of-the-art PEEK solution, enables the disengaging process from the abutment internal threads when submitted to a pull-out force, providing an innovative approach for the prosthesis' removal.

One pull-out movement, and that's it. The Capture Pin is fully removed along with the cylinder and no extra residual pieces remain in the abutment for the next step.

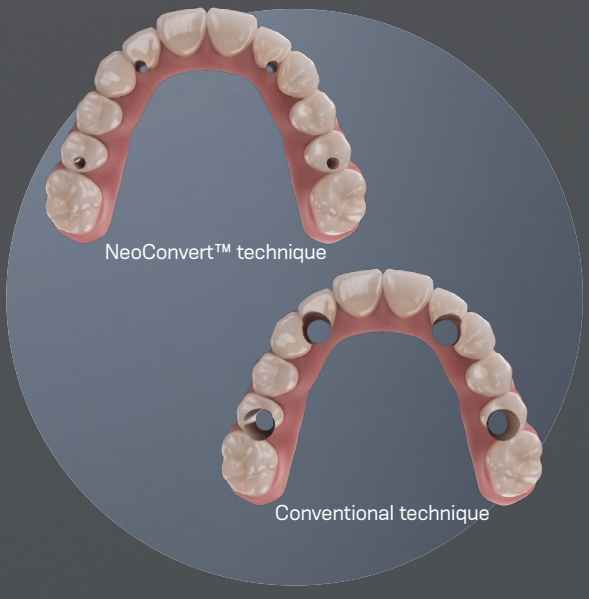


CREATE THE ACCESSES AND PRESERVE THE ESSENTIALS

Preserve the structure and ensure the strength of the prosthesis by working with an accurate drilling protocol[3]:

Capture with convenience by using the Internal Drill designed to create space for the cylinders: A specific tool to replicate the cylinder design in the prosthesis intaglio.

Gain confidence with an Initial guided drilling protocol ensuring the proper perforation direction with the new drill guide and an intuitive drilling sequence.



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IMMEDIATE FULL ARCH TREATMENT: ONE STEP CLOSER TO EFFECTIVENESS

The expectation for a faster procedure is a concern for both patients and professionals. Fewer appointments and reduced chairside processing time may transform the patient journey while causing a favorable business impact through time savings.[4]

IMPROVE YOUR EDENTULOUS PATIENT'S JOURNEY WITH STRAIGHTFORWARD RESULTS

Increase your patients' acceptance of full arch treatments by offering reduced time for fixed teeth;[5]

Every step was designed to be agile: from the precise cylinder placement to the uncomplicated prosthesis removal.

Optimized processing time for denture conversion: Avoid excessive wearing of the acrylic structure and accurately capture the prosthesis through quick steps.



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A COMPACT TOOLBOX TO PROVIDE EFFICIENCY IN YOUR CONVERSIONS

The NeoConvert™ Compact Kit offers what is essential for a streamlined approach, whether chairside or lab workflow, all designed to be as efficient as possible.

- Intuitive set of drills with an initial guided approach;
- Manual Driver for a precise and swift capture of cylinders.



Discover the NeoConvert™
Scan the QR or visit the link below:

neodent.com/neoconvert-video

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CLINICAL CASE

SOLUTION TO SAFELY CONVERT A CONVENTIONAL DENTURE INTO IMPLANT FIXED FULL ARCH PROSTHESIS FOR **IMMEDIATE LOADING**

DR. GENINHO THOMÉ

BRAZIL

- CEO of ILAPEO College
- Scientific President of Neodent®
- Master and PhD in Implantology
- Chairman of the Board of Directors of Neodent®

Collaborating team:
Dra Carolina Accorsi Cartelli



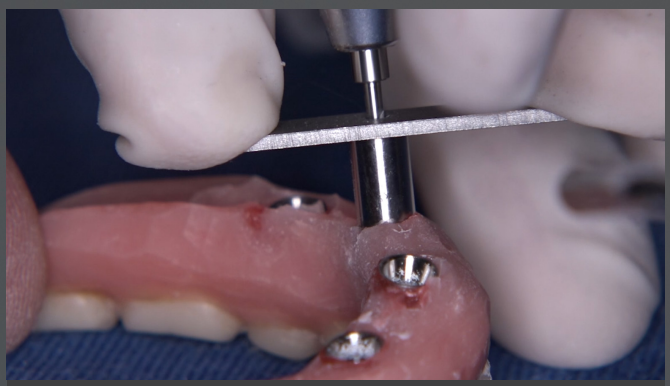
Internal wear of the prosthesis for the coping niches creation.



Installation of the Mini Conical Abutment Coping NeoConvert over the Mini Conical Abutments.



Bonded prostheses placed in the mouth, waiting for the final setting time of the acrylic resin.



Use of the Drill Guide For Handpiece 1.5mm NeoConvert positioned on the internal part of the prosthesis and fitting into the base of the coping to perform the drilling in the direction from the internal to the external portion of the prosthesis.



CHECK OUT THIS FULL CLINICAL CASE

Scan the QR code or visit the link below to access it:

neodent.com/neoconvert-cc-chair

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CLINICAL CASE

SOLUTION TO PRECISELY CONVERT A DENTURE INTO IMPLANT FIXED FULL ARCH PROSTHESIS **IN THE LABORATORY**

DR. GENINHO THOMÉ

BRAZIL

- CEO of ILAPEO College
- Scientific President of Neodent®
- Master and PhD in Implantology
- Chairman of the Board of Directors of Neodent®

Collaborating team:
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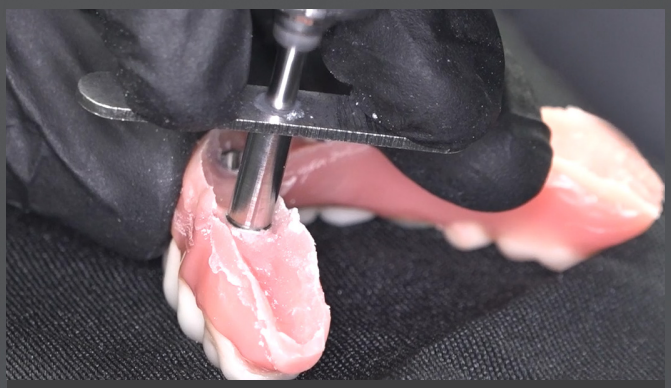
Removal of the prosthesis palate after the bite lock at the articulator.



Installation of the Mini Conical Abutment Coping NeoConvert, fixed by Pin Capture NeoConvert.



Capture of the Mini Conical Abutment Coping NeoConvert by articulating the upper model with the denture filled with acrylic resin and bonded to the antagonist.



Drilling and removal of the Pin Capture NeoConvert using the Drill Guide For Handpiece 1.5mm NeoConvert.



CHECK OUT THIS FULL CLINICAL CASE

Scan the QR code or visit the link below to access it:

neodent.com/neoconvert-cc-lab

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WORKING PROTOCOL

Abutment selection



1 — 32 N.cm — GM Mini Conical Abutment

0.8 mm	1.5 mm	2.5 mm
115.243	115.244	115.245
3.5 mm	4.5 mm	5.5 mm
115.246	115.247	115.248

or



2 — 20 N.cm — GM Exact Mini Conical Abutment 17°/30°/45° 45°/45° slim/52° 60°

	30°	45°	45° slim	52°	60°
1.5 mm	115.275	115.278	115.281	115.302	115.300	115.285
2.5 mm	115.276	115.279	115.282	115.303	115.301	115.286
3.5 mm	115.277	115.280				

Capture



Mini Conical Abutment Coping NeoConvert 5.0 (5 un.)
118.408

or



Mini Conical Abutment Coping NeoConvert 6.5 (5 un.)
118.409



Pin Capture NeoConvert (5 un.) 3
116.300

Installation



Neo Mini Conical Abutment Coping Screw 4.1 (5 un.)
116.301



Mini Conical Abutment Polishing Protector
123.008

Drivers

1 

Hexagonal Prosthetic Driver
105.137

+ 

Torque Wrench
104.050

2 

Neo Screwdriver Torque Connection
105.132

+ 

Torque Wrench
104.050

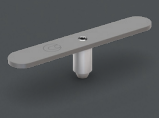
3 

Digital Driver Pin Capture NeoConvert
104.074

Accessories



Neoconvert Kit Case
110.339



Drill Guide for Handpiece 1.5mm NeoConvert
125.206



Preparation Drill Handpiece NeoConvert
103.676



First Drill Handpiece NeoConvert 1.5mm
103.677



Second Drill Handpiece NeoConvert 1.5mm
103.678



Third Drill Handpiece NeoConvert 2.0mm
103.679

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NEODENT®
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30 years

A UNIQUE PURPOSE
Creating new smiles every day

Neodent® is a leading global brand, part of the Straumann Group, founded by a dentist for dentists with the purpose of changing lives of more patients. Neodent®'s solutions provide access to progressive treatment concepts, such as immediacy, enabling implant therapy access and affordability for creating new smiles every day.

GLOBAL BRAND

Available in 95 countries with more than 4 million implants sold annually.

PROGRESSIVE TREATMENT CONCEPTS

Modern and reliable solutions.

FOUNDED BY A DENTIST TO DENTISTS

A legacy of more than 30 years focused on ease of use.

THERAPY ACCESS AND AFFORDABILITY

Acessability to proven and affordable solutions.



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[1] Vazouras, K., & Taylor, T. (2021). Full-arch removable vs fixed implant restorations: A literature review of factors to consider regarding treatment choice and decision-making in elderly patients. Int J Prosthodont, 34, s93-s101.

[2] Burns, D. R., Beck, D. A., & Nelson, S. K. (2003). A review of selected dental literature on contemporary provisional fixed prosthodontic treatment: report of the Committee on Research in Fixed Prosthodontics of the Academy of Fixed Prosthodontics. The Journal of prosthetic dentistry, 90(5), 474-497.

[3] Swamidass R, Goodacre CJ. (2021) Conversion of Digital Dentures for Immediate Loading of Complete Arch Implant Prostheses. J Prosthodont. 2021 May;30(S2):143-149

[4] Michelinakis G, Nikolidakis D. Using the surgical guide for impression-free digital bite registration in the edentulous maxilla-a technical note. (2019) Int J Implant Dent. 2019 May 22;5(1):19.

[5] Huang, Y., & Levin, L. (2022). Barriers Related to Dental Implant Treatment Acceptance by Patients. International Journal of Oral & Maxillofacial Implants, 37(6).

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NUOVI SORRISI OGNI GIORNO

CHAQUE JOUR DE NOUVEAUX SOURIRES

новые улыбки каждый день

JEDEN TAG EIN NEUES LÄCHELN

NUEVAS SONRISAS TODOS LOS DÍAS

NYA LEENDEN VARJE DAG

NEW SMILES EVERY DAY

NOVOS SORRISOS TODOS OS DIAS

CHAQUE JOUR DE NOUVEAUX SOURIRES

NOVOS SORRISOS TODOS OS DIAS

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