

[REDACTED]

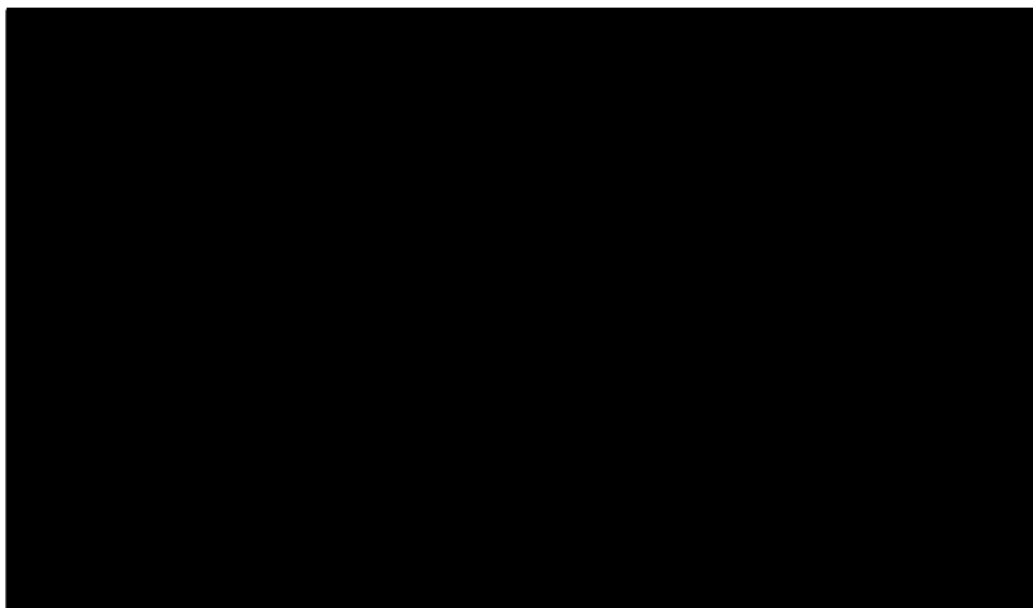
Brian Land, Paul Mannheim, [REDACTED]
July 30, 2015

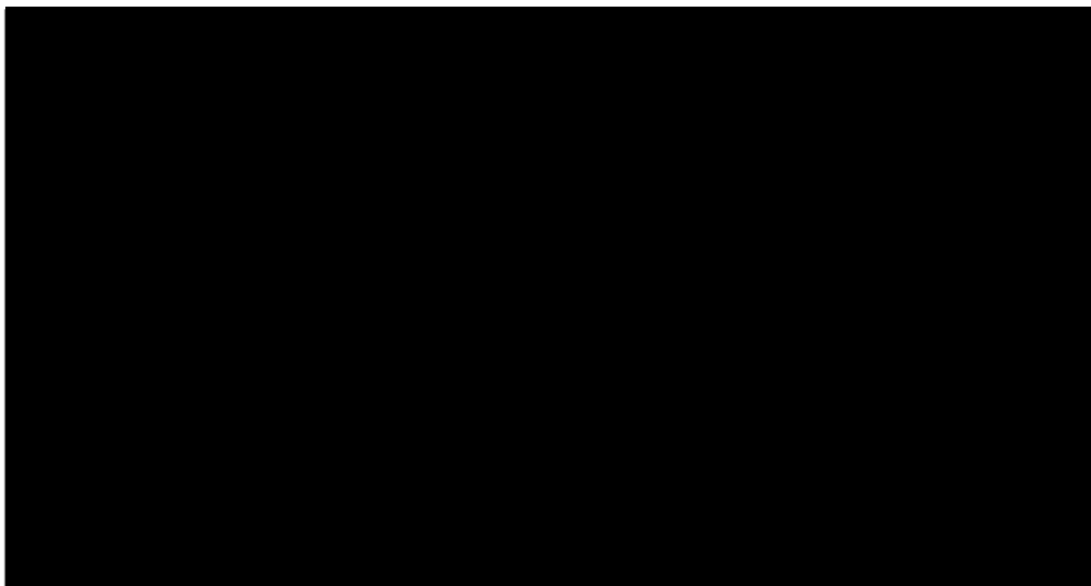
[REDACTED] Downloaded from Apple Confidential

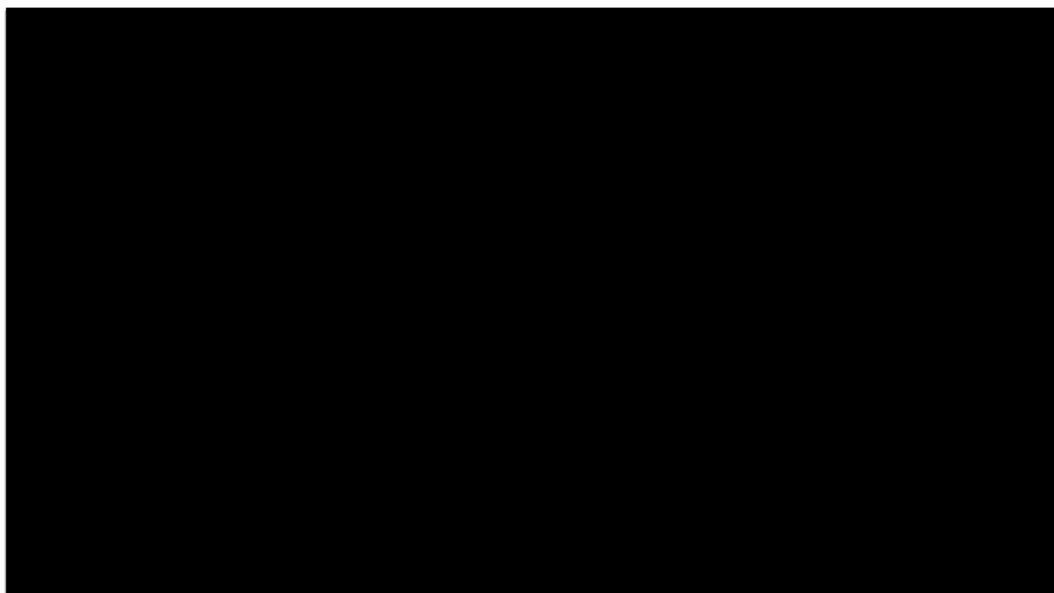
[REDACTED]

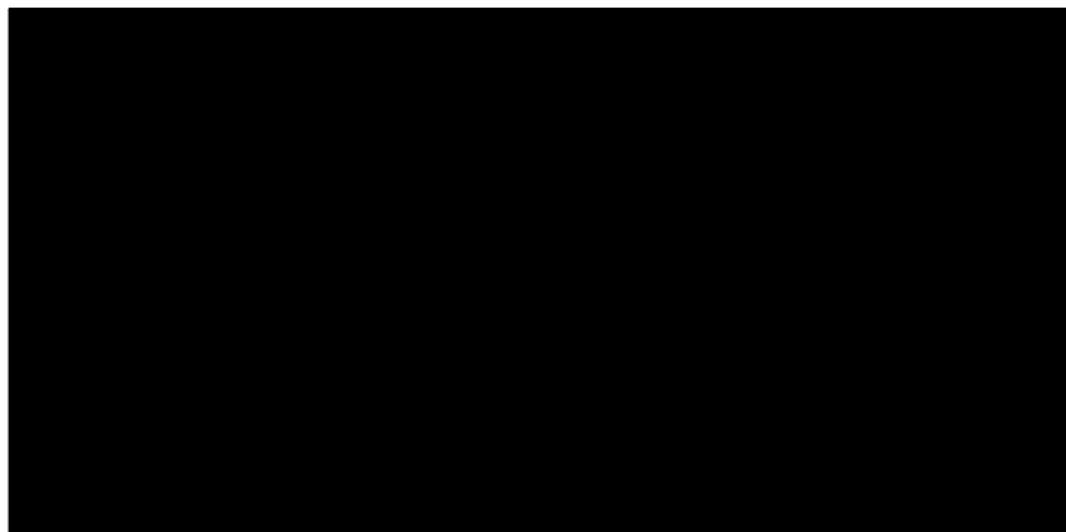
[REDACTED]

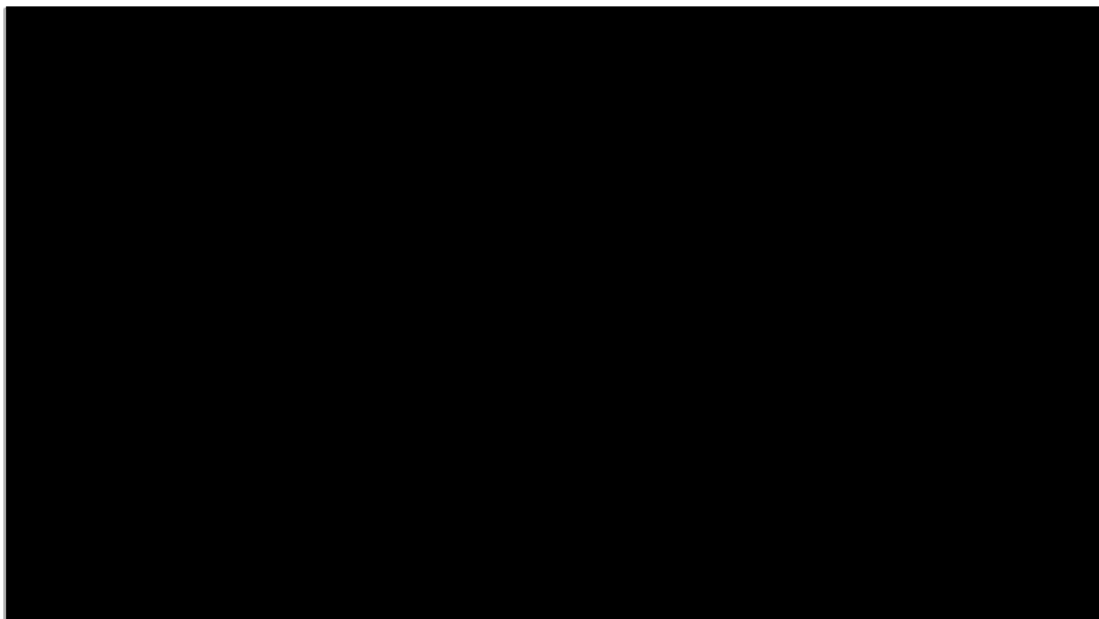


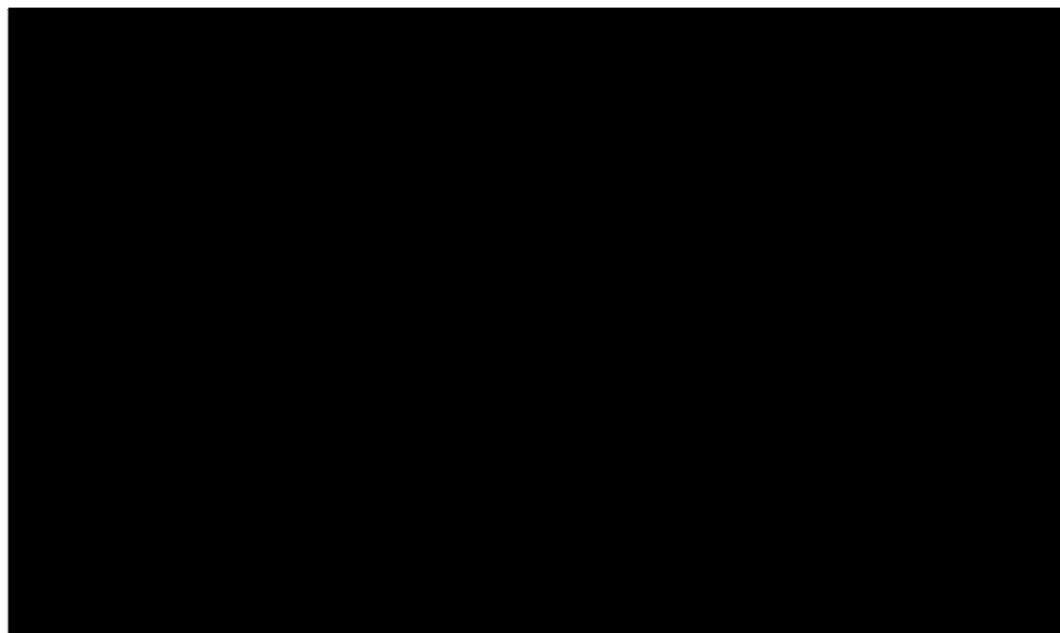


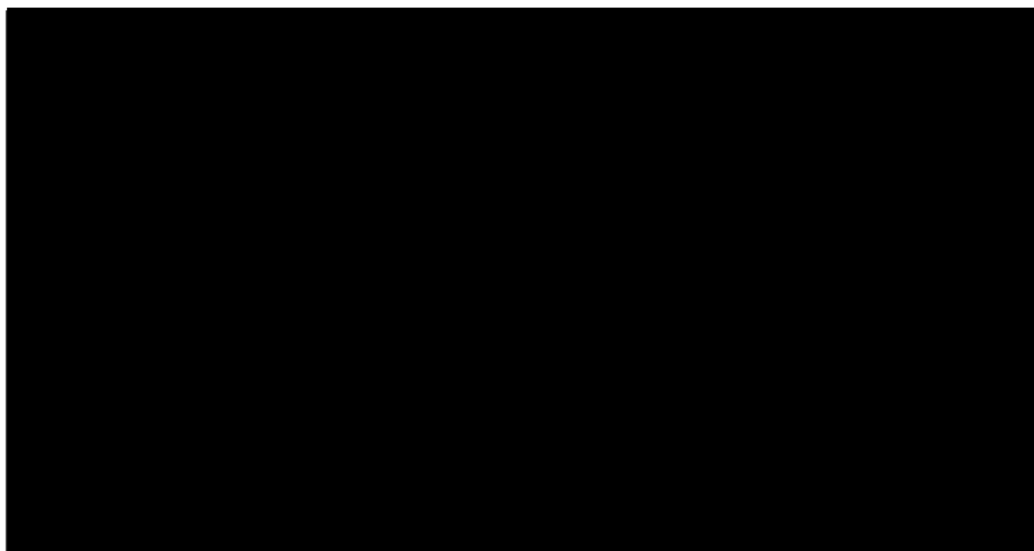


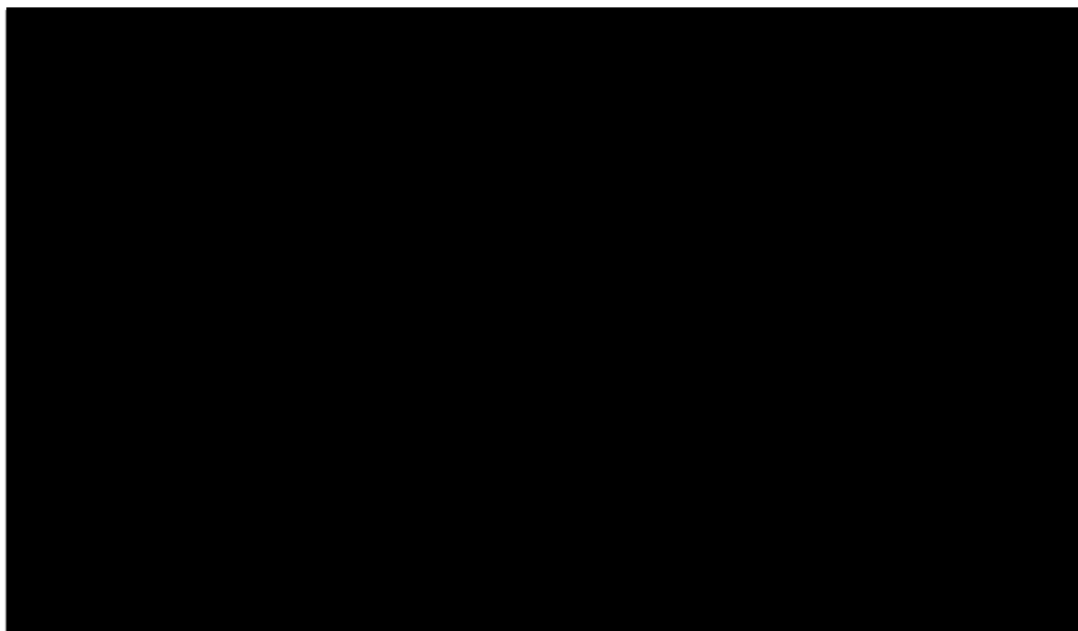


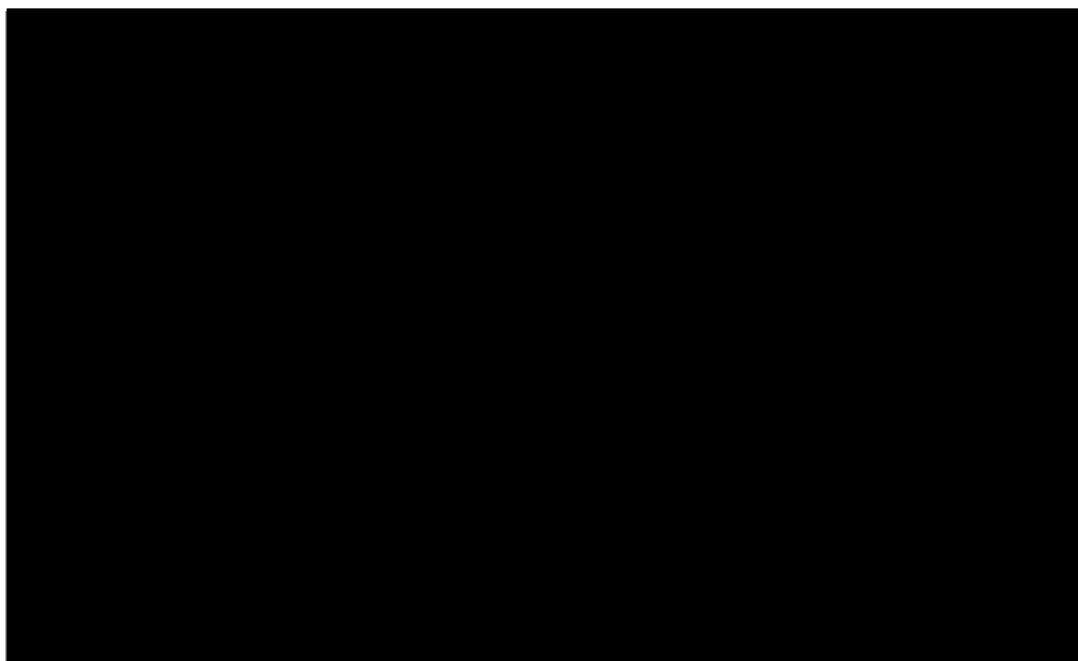


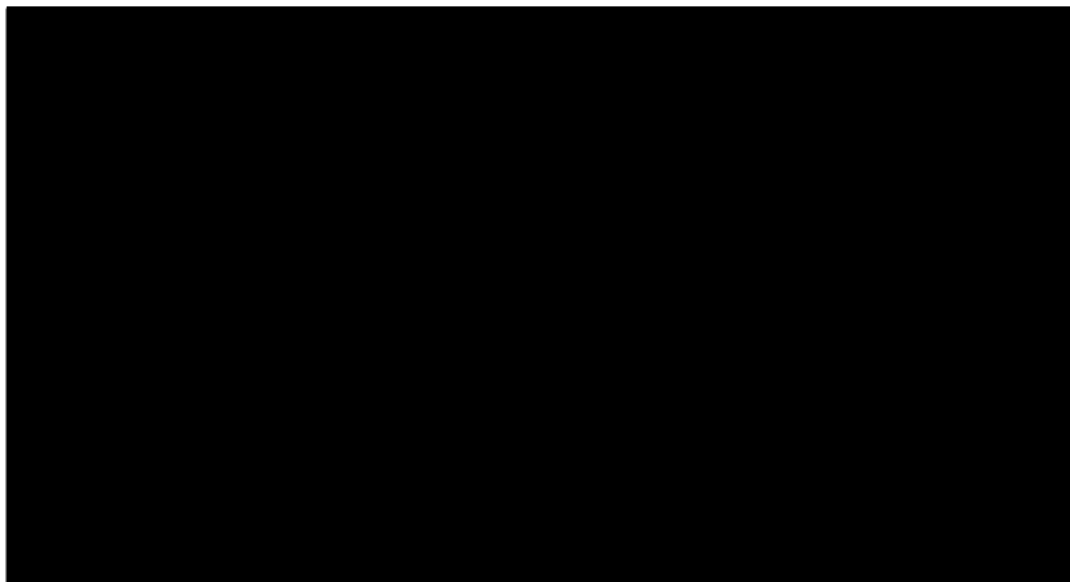


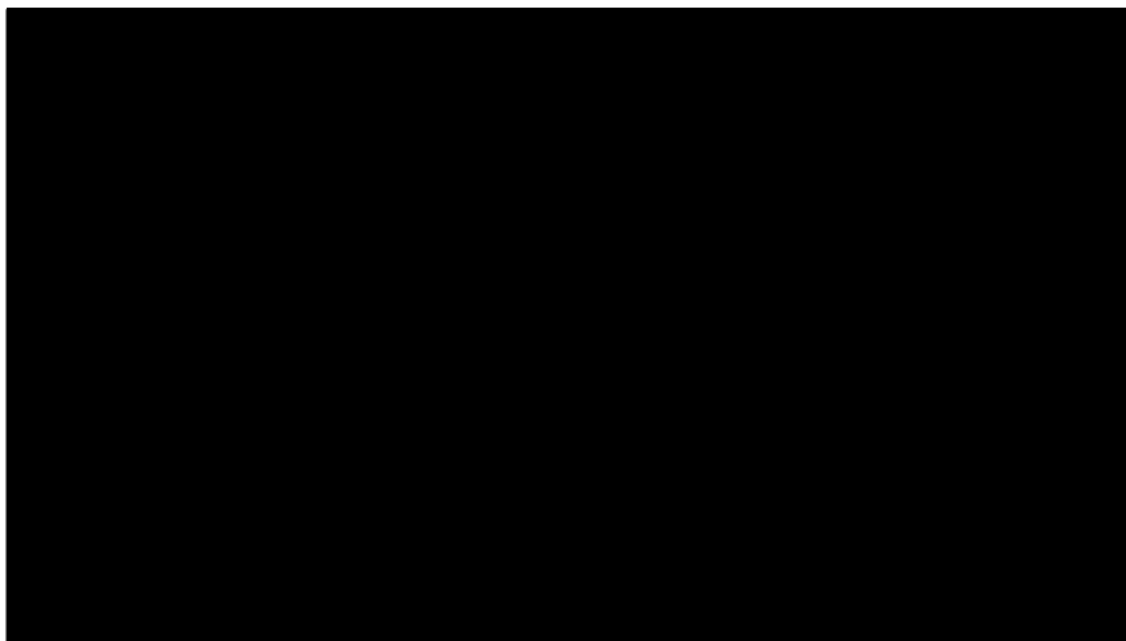












Scandium | Conclusions and Next Steps

• Wrist very challenging:

- The wrist is a very challenging region of the body to make an SpO₂ measurement.
- Conventional sensing methods do not result in waveforms that are consistent enough for SpO₂ measurements at the wrist.

• Invention is required: