

MED-EL provides options:

# PULSAR<sub>CI</sub><sup>100</sup> and SONATA<sub>TI</sub><sup>100</sup> Cochlear Implants

Same powerful I<sup>100</sup> electronics –  
choice of two housing designs

## PULSAR<sub>CI</sub><sup>100</sup> and SONATA<sub>TI</sub><sup>100</sup> Common Features

- Same I<sup>100</sup> electronics, no differences in patient performance
  - :: 24 independent current sources for 12 channels
  - :: 100% on-chip design with a powerful and sophisticated ASIC chip providing exceptional power efficiency
- Compatible with the TEMPO+<sup>1</sup> speech processors
- Ready for future technological upgrades<sup>2</sup>
  - :: High Definition CIS (HD-CIS)
  - :: Fine Structure Processing (FSP)
  - :: Channel Interaction Compensation (CIC)
- Wide variety of electrode options to accommodate individual surgical needs
- MRI safe (0.2T), no surgery required for magnet removal
- Strong housings with equivalent mechanical strength against accident related impact
- Various telemetry capabilities
  - :: Status Telemetry<sup>2</sup>
  - :: Impedance and Field Telemetry
  - :: Auditory Nerve Response Telemetry<sup>2</sup> (ART™)
- Various safety features
  - :: Output capacitor for each channel
  - :: Unique implant ID<sup>2</sup>



PULSAR<sub>CI</sub><sup>100</sup>  
Ceramic Cochlear Implant



SONATA<sub>TI</sub><sup>100</sup>  
Titanium Cochlear Implant

## PULSAR<sub>CI</sub><sup>100</sup>

- :: Proven ceramic housing
- :: TÜV and FDA approved
- :: Smallest footprint, thinnest and lightest implant available
- :: Long-term success with ceramic implants since 1989
- :: Proven experience with thinfilm manufacturing since 2002

## SONATA<sub>TI</sub><sup>100</sup>

- :: Compact titanium housing
- :: TÜV and FDA approved
- :: Smallest footprint, smallest volume and lightest titanium implant available
- :: Alternate surgical approach

<sup>1</sup> The TEMPO+ speech processor supports the CIS+ speech coding strategy only

<sup>2</sup> Future accessibility dependent on system implementation and regulatory clearance.

The Hearing Implant Company

COCHLEAR IMPLANTS :: MIDDLE-EAR IMPLANTS

[www.medel.com](http://www.medel.com)



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