

COCHLEAR™ NUCLEUS®

ELECTRODE PORTFOLIO

DESIGNED FOR PRESERVATION,
PERFORMANCE AND PREFERENCE

Hear now. And always

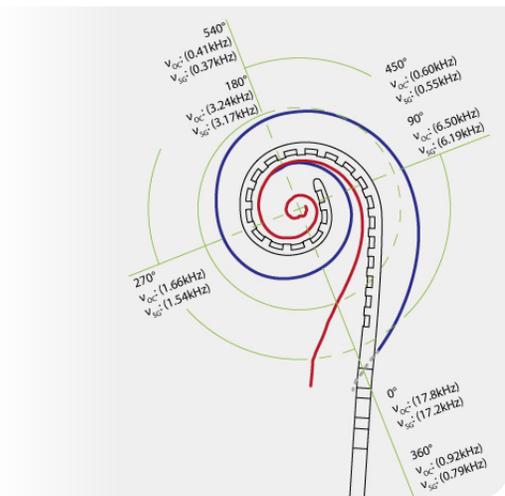


DESIGNED FOR PRESERVATION, PERFORMANCE

SLIM MODIOLAR ELECTRODE

For Severe to Profound Hearing Loss and Structural Preservation

The world's thinnest perimodiolar electrode.¹



Slim Modiolar has demonstrated consistent scala tympani placement and is proven to be closest to the hearing nerve²

The Slim Modiolar Electrode brings the thinness of Slim Straight and the perimodiolar positioning of Contour Advance™ together into a single electrode. Slim Modiolar is designed for consistent scala tympani placement² and close proximity to the hearing nerve to deliver optimal hearing performance.³ Using a sheath based delivery, this electrode offers a smooth, easy insertion through all approaches including round window, extended/modified round window and cochleostomy.

Key Features

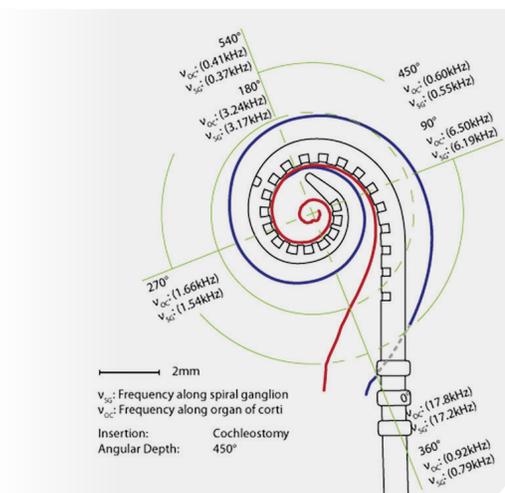
- Thinnest full length perimodiolar electrode designed to protect and preserve the delicate inner ear⁴
- Suited for round window, extended/modified round window and cochleostomy insertions
- 22 half-banded platinum electrode contacts provide focused stimulation to the spiral ganglion cell region
- Sheath based design enables intraoperative reloading of the electrode



CONTOUR ADVANCE® ELECTRODE

For Severe to Profound Hearing Loss

True innovation with the industry's longest standing perimodiolar electrode.



Proven Perimodiolar Placement

The Contour Advance gets you close to the hearing nerve through its unique stylet based design. With the Advance Off-Stylet® technique, you can achieve an insertion with minimal lateral wall trauma⁵ to maximize performance outcomes.⁶ Proximity to the spiral ganglion cell population has been proven to provide targeted stimulation and minimize physiological factors correlated to the distance from the modiolus.^{3,7}

Key Features

- Softip™ for minimal insertion trauma
- White marker assists Advance Off-Stylet (AOS™) insertion
- 22 half-banded platinum electrode contacts provide focused stimulation to the spiral ganglion cell region

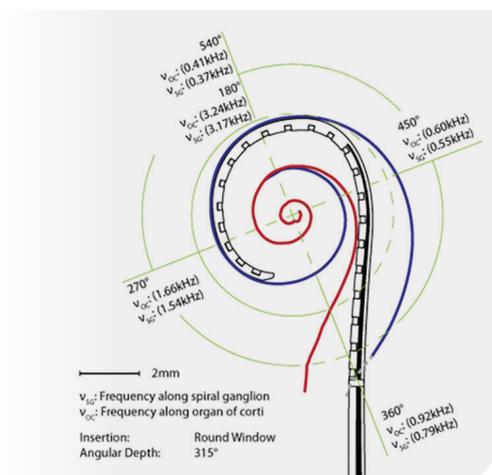
AND PREFERENCE

SLIM STRAIGHT ELECTRODE



For Severe to Profound Hearing Loss and Structural Preservation

The industry's thinnest full length electrode.⁸



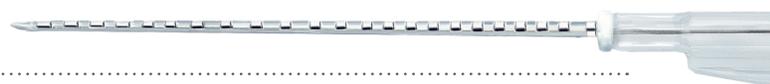
Smooth and Easy Insertion

A soft tip combined with thin diameter, apical flexibility, and smooth lateral wall surface facilitates an easy single stroke insertion designed to protect the delicate cochlear structures.

Key Features

- Thinnest full length electrode design
- 22 medial facing platinum electrode contacts
- Patented basal stiffener, to enable a smooth, single motion insertion without buckling
- Variable insertion depth for preservation of apical structures

Hybrid L24 Electrode



For Ski-Slope Hearing Losses

First integrated electro-acoustic stimulation solution available for severe to profound high frequency hearing loss.⁹

Key Features

- Optimal length designed to restore access to hearing in high frequencies
- Industry's thinnest cochlear implant electrode¹
- Suited for round window and cochleostomy insertions
- 22 medial facing platinum electrode contacts

Full-Band Straight Electrode



For Abnormal Cochleas

As Cochlear's first straight array with 22 active electrodes over a length of 17mm, the Full-Band Straight has found widespread use in patients with various types of abnormal cochleas.

Key Features

- Diameter at apical end: 0.4mm
- Diameter at basal end: 0.6mm
- 22 full -band platinum electrode contacts positioned over 16.4mm
- 10 stiffening rings to aid insertion

Hear now. And always

As the global leader in implantable hearing solutions, Cochlear is dedicated to bringing the gift of sound to people with moderate to profound hearing loss. We have helped over 450,000 people of all ages live full and active lives by reconnecting them with family, friends and community.

We aim to give our recipients the best lifelong hearing experience and access to innovative future technologies. For our professional partners, we offer the industry's largest clinical, research and support networks.

That's why more people choose Cochlear than any other hearing implant company.

Not all patients with hearing loss are candidates for cochlear implantation or hybrid implantation. Cochlear implantation or hybrid implantations are surgical procedures, and carry the risks typical for surgery. For complete information regarding indications, warnings and adverse effects, please refer to the Nucleus Package Insert available at www.Cochlear.com/US/NucleusIndications

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