Cochlear™

Slim Modiolar Electrode

Our thinnest and most advanced perimodiolar electrode, designed to offer an improved experience for surgeons and, ultimately, deliver even better hearing outcomes.
Engineered for smooth, gentle insertion

The Slim Modiolar Electrode is designed to minimise trauma to the cochlea during insertion by **avoiding the delicate structures of the lateral wall.**

- Thinner than any competitor electrode on the market¹
- Designed with a **soft, flexible insertion sheath**
- Unique insertion mechanism for **near zero insertion forces** throughout²,³
- **Avoids contact** with the lateral wall to **reduce the chance of electrode translocation**⁴

In a multicentre study, all Slim Modiolar Electrodes were **successfully placed** in the scala tympani.⁵

Consistent and complete scala tympani placement

The Slim Modiolar Electrode is designed to achieve **close modiolar proximity** and placement fully in the scala tympani, which clinical evidence shows leads to improved hearing outcomes.⁶,⁷ The Slim Modiolar Electrode supports **round window insertion** which has been shown to **assist correct scala placement.**⁵-⁹
Precise and effective stimulation

Studies have shown placing cochlear electrode arrays close to the auditory nerve provides:

- Greater neural specificity\(^{10-13}\)
- Reduced electrical stimulation levels\(^{14,15}\)
- Improved hearing performance\(^{6,16}\)

The Slim Modiolar Electrode sits closer to the modiolus than a lateral wall electrode, allowing for more precise and effective stimulation of the hearing nerve.\(^{13,17}\)

Optimal hearing outcomes

Positioning the electrode close to the hearing nerve provides significant performance benefits and has been shown to have a positive impact on speech recognition\(^{6,16}\).

Studies demonstrate that recipients of the Slim Modiolar Electrode show improved speech understanding in both quiet and noisy environments.\(^{7,8,18,19}\)
As the global leader in implantable hearing solutions, Cochlear is dedicated to helping people with moderate to profound hearing loss experience a life full of hearing. We have provided more than 600,000 implantable devices, helping people of all ages to hear and connect with life’s opportunities.

We aim to give people the best lifelong hearing experience and access to innovative future technologies. We have the industry’s best clinical, research and support networks.

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

Please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information.

Hear now. And always.