



## NEUROMODULATION LEADS

### CAPABILITIES AND TECHNOLOGIES TO KEEP YOU MOVING AHEAD

Trust Heraeus Medevio to design, develop, and manufacture your full neuromodulation leads and meet your demanding requirements. With seamless, vertically integrated capabilities, Heraeus Medevio can manage a wide range of subassembly and full lead assembly needs.

# YOUR PARTNER IN BRINGING BETTER MEDICAL DEVICES TO MARKET.

Heraeus Medevio acts as a flexible, tailored, end-to-end extension of your engineering and product development teams. With expertise from materials, development, and pilot production to high volume manufacturing including unmatched clinical and technical expertise, Heraeus device experts will also help you efficiently manage global regulatory and submission requirements.

## PRODUCT DESIGN & DEVELOPMENT

Global collaboration hubs committed to design and development with dedicated pilot production lines that can be mirrored in production

## MANUFACTURING EXPERTISE

Proven manufacturing technology excellence and superior engineering know-how to solve complex challenges

## COMMITTED TO QUALITY

170-year history in materials science and trusted quality

## SUPPLY CHAIN OPTIMIZATION

Vertically integrated from concept to completion to simplify your supply chain



With a tailored approach and capabilities from development to manufacturing ramp-up, work with Heraeus Medevio to simplify your supply chain, reduce risk and speed your time to market.

### COMPONENTS



### SUBASSEMBLIES



### FINISHED LEADS



### STIMULATION THERAPIES:

Spinal Cord	Sacral Nerve	Peripheral Nerve
Deep Brain	Vagus Nerve	

### DESIGN AND DEVELOPMENT EXPERIENCE:

- Acute and chronic lead designs
- Low and high channel count
- Segmented electrode arrays

### ADVANCED ASSEMBLY PROCESSES

- Centerless grinding
- Over molding
- Laser engraving
- Laser welding
- Adhesive bonding
- Machining
- Pad printing
- Polymer reflow
- Resistance welding
- Blind welding
- Coil winding

### VERTICAL INTEGRATION

- Precious metal component machining
- Extrusion
- Kitting and final packaging
- Wire drawing
- Stranded cable assembly
- Conductor coating

### ELECTRODE COATINGS AND SURFACE MODIFICATIONS

Enhanced electrode performance for sensing and stimulation

- Iridium
- Iridium Oxide
- Titanium Nitride
- Laser structuring

### COILED LEADS

CHANNEL COUNT	1 - 8
OUTER DIAMETER	0.025" - 0.100"

### STRAIGHT CABLE LEADS

CHANNEL COUNT	1 - 16
OUTER DIAMETER	0.018" - 0.100"

CONTACT US TO LEARN HOW WE CAN PUT OUR FULLY INTEGRATED, GLOBAL FOOTPRINT TO WORK FOR YOU.

herausmedevio.com | contact us <https://bit.ly/herauscontactus>