Because sound matters

Oticon Medical is a global company in implantable hearing solutions, dedicated to bringing the magical world of sound to people at every stage of life. As a member of one of the world’s largest groups of hearing healthcare companies, we share a close link with Oticon and direct access to the latest advancements in hearing research and technologies. Our competencies span more than a century of innovations in sound processing and decades of pioneering experience in hearing implant technology.

By working collaboratively with patients, physicians and hearing care professionals, we ensure that every solution we create is designed with user needs in mind. We share an unwavering commitment to provide innovative solutions and support that enhance quality of life for people wherever life may take them. Because we know how much sound matters.
Setting new standards for implant technology

The Ponto BHX Implant is the perfect match between the proven OptiGrip™ geometry and the latest surface technology. With its micro- and nano-sized structures it takes osseointegration to the next level – bone bonding.

First laser-ablated titanium surface
Biohelix™ is the outcome of the latest research from the world leading experts of osseointegration in Gothenburg, Sweden. The unique Biohelix™ laser ablation technology enables a site-specific modification at the root of the threads of the proven OptiGrip™ geometry. This creates a three level surface topography matching the natural bone structure at macro-, micro-, and nano-scale.

The surface of Ponto BHX Implant matches the building blocks of bone:

"Nanometer roughness plays an important role in osseointegration. The improvement in biomechanical capacity is even greater than I imagined.”
R. Brånemark, Associate Professor MD Msc. PhD

Stronger than bone
Biohelix™ increases the strength of the bone-to-implant interface by more than 150%. Studies prove that the bone bonding to the BHX implant is in fact stronger than the bone itself.