

CUSTOM MADE RIBCAGE IMPLANT

Courtesy of: **RENISHAW**
apply innovation™

- **Surgeon:** Dr. José Ramón Cano, Thoracic Surgeon
- **Design and manufacturer:** The Canary Islands Institute of Technology, Department of Biomedical Engineering, Canary Islands
- **AM Technology:** Powder Bed Fusion (PBF)
- **Manufactured on:** RenAM 500Q additive manufacturing system (RENISHAW)
- **Material:** Titanium Alloy

Outstanding advantage:

The spring-like geometry of these dynamic implants enables a more physiological integration with the bone. Their design mimics the natural behavior of the chest wall during ventilation, preserving respiratory function.

