

AMED S.R.L

www.amedsrl.com



Amed srl is a young startup born in Palermo specialized in design and implementation of innovative biomedical implants leveraging additive manufacturing technique to realize custom-made prostheses with perfect anatomical fit

Prodotti e Servizi

Our mission is to faithfully reproduce patient's anatomy and guarantee the minimal operation invasiveness, short post-implant hospitalization and the best integration of prosthetic implant with human tissue, thus increasing lifespan of medical device.

At Amed, we are working to produce customized implants with a perfect fit, by combining the more advanced anatomical reconstruction and modeling techniques and the power of additive manufacturing, thus offering solutions designed specifically for the individual. We also offer, if required, custom cutting guide needed to create implant site.

We are developing devices in orthopedic and cardiovascular field, in particular our advanced cranioplasty system and our custom stent graft "AUNERIS" for AAA treatment.

Obiettivi e Destinatari

Our company goal is to be on the market by 2023 with several product lines, along with this AMED already holds a patent on the surgical instrumentation needed to implant the ANEURIS system, and intends to achieve a patent on the device itself

Offerte di Consulenza o Collaborazione

AMED's high level of technical and scientific knowledge can be made available both in terms of consultancy and collaboration. apart from the obvious field of medical applications, AMED has expertise in fluid dynamics and material resistance, as well as in the manufacturing chain in the field of additive technology

Chi Siamo

Emanuela Bologna, Co-founder, Member of the executive board & Chief Executive Officer (CEO) Aerospace Engineer and RTD/A at Palermo University. She has experience in modelling, numerical analysis and laboratory activities related to biomedical topics as well as recipient of several innovation prizes.

Massimiliano Zingales, Co-founder, and Member of the executive board & Chief Technical Officer (CTO) Full Professor at Engineering department of Palermo University. He has multi-year experience in scientific research field on topics related to biomechanics.

Felice Pecoraro, Co-founder and Member of the executive board
Full Professor at Palermo University with multi-year experience on vascular surgery at Policlinico Giaccone of Palermo.

Francesco Di Simone, R&D Manager
Mechanical Engineer. Prior to join to the company, he worked, in R&D area, on hip and knee implants.

Katia Siciliano, R&D Engineer Biomedical Engineer. She has experience in dynamics of

biological fluids as well as in design of vascular grafts.

Sara Ragusa Junior R&D Engineer

Degree in biomedical engineering from the University of Palermo, with thesis on fluid dynamic analysis of custom stent/ grafts