qmedics UNIQUE MEDICAL SOLUTIONS

We encourage and support new ideas and are always seeking to improve the quality of patients lifes.

Qmedics AG is a privately held independent Swiss company founded in 2008.
Since 2016 we are focusing on the development and manufacturing of our own product portfolio of stent delivery systems alongside their balloon dilation catheter. The broader view to innovate and improve the concept of endovascular implants - particularly stent and balloon technology - is based on our OEM activity during the first years.

Are you our new high-energy professional experienced in **balloon catheters & stent systems** with passion for bringing new technical solutions and the desire for continuous development and growth?

R&D Engineer Medical Devices - Cardiovascular

Your Responsibilities

- Contributing on the project development in a timely, diligent, safe and professional manner
- Conducting user/ergonomic studies with clinicians during the product development process
- Carrying out cardiovascular devices design and development, product engineering and applies engineering best practices and tools
- Ensuring quality of the product's design for usability, reliability, functionality, marketability and manufacturability
- Supporting the development of products through knowledge of the clinical and performance requirements
- Researching new processes or materials processing technologies for balloon and stents development
- Carrying the product design verification and validation to comply with the medical devices' requirements
- Contributing to assembly and maintenance of the Design History File (DHF)

Your Qualifications

- Masters/ PhD degree in R&D engineering, or related engineering discipline.
- **3-5** years relevant experience in **balloon dilatation catheters** (essential) and **stents** (highly desirable) design and development with a solid understanding of the product lifecycle
- Practical and demonstrated experience of solid modeling of parts and assemblies
- Experience in the design and development of products in accordance with ISO 13485 guidelines and new **MDR** directive
- Demonstrated hands-on experience with Design Control procedures
- Complete understanding of technical principles, theories, and concepts in the field of product development
- Proficient in 3D CAD software (**SolidWorks** preferred), Cagila and Abaqus of advantage
- Understanding of CAE tools (FEA, CFD, etc.)
- Ability to identify, break down and solve a variety of difficult technical problems
- Excellent command of spoken and written English, good German highly desirable
- Teamplayer with strong interpersonal and communication skills
- Proven ability to work independently with a minimum of supervisor input
- Disciplined and well-organized in documentation (plans, requirements, drawings, design reviews and test methods)
- Knowledge of medical device regulations and practices

We offer you a challenging position in a motivated expert team. Qmedics AG is a growing innovative company with the ambition to make a substantial contribution to a world where everyone enjoys life without limitations.
We look forward to receiving your application at HR@qmedics.ch to the attention of our HR Manager Ms Sabine Anna Gnädinger. Please note, that we do not work with recruitment agencies to fill this vacancy.