

Vacancy

Senior R&D Engineer

AVVie is an exciting **early stage medical device company** with an innovative, minimally invasive technology for the treatment of mitral valve disease.

If you are interested in joining a young and international start-up active in medical technology, do not hesitate to submit your CV and motivation letter to office@angelvalve.com.

Opportunity

This is a key role in the design and development of a structural heart device, bringing it through all phases of the development cycle into clinical studies. This position offers tremendous growth opportunity, as the company is still in the formative stage.

Roll & Responsibilities

Cross-functionally collaborating with internal team and external development partner (US), primary responsibility is to **design and develop novel transcatheter mitral valve devices** in our prototyping lab in Vienna.

- Working as part of the R&D team to design and develop a novel transcatheter mitral valve repair device in line with user needs
- Generating creative solutions to problems and contribute to innovation through filing of patents
- Setting up of internal prototyping facilities
- Daily operations of in-house prototyping lab, managing multiple projects simultaneously
- Identify, design and implement new testing procedures, tailored to the features of the products with focus on quality and regulatory compliance
- Liaise where necessary with Cardiologists to understand and validate the specific user requirements
- Responsible for developing device specifications, in line with user needs and Design Inputs. Create detailed component and finished device assembly drawings/specifications
- Identify and manage key risks throughout the product lifecycle
- Ensuring design inputs, design outputs, and verification/validation activities are sufficient and complete
- Write/approve test protocols and reports, technical summaries, procedures, and other pertinent deliverables
- Drive project activities to ensure timely completion of project milestones

Requirements:

- Degree in Mechanical Engineering, Biomedical Engineering, or related disciplines
- Minimum of **8 years of related experience** in the medical device industry
- Experience in structural heart disease / nitinol medical products / steerable delivery systems is highly preferred
- Demonstrated experience in transcatheter medical device testing and product development
- Proficient with 3D CAD software (preferably SolidWorks)
- Deep practical knowledge of ISO 5910 or 5840 requirements



avvie
*Advancing Transcatheter
Mitral Valve Repair*

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- Working knowledge of FDA, GMP, QSR and ISO 13485 requirements
- Interested in supporting the development of an innovative structural heart concept
- Start-up mentality
- A good team player who can time-manage and work independently in a fast-paced and challenging environment
- Fluency in English is mandatory