



Senior R&D Engineer – Mechanical Design

Xeltis is looking for a Senior R&D Engineer to work in a dynamic research environment towards the clinical realization of Xeltis' revolutionary restorative medical devices.

A senior technical team member, the Senior R&D Engineer will contribute to the design and development of Xeltis bio-restorative vascular grafts. The successful candidate will play a key role in a cross-functional product development team, focusing on design, development, testing, production and overall support in an early clinical phase.

The Senior R&D Engineer will report to the Director of R&D and will be based in Eindhoven, NL. The position will require the successful candidate to be onsite for the majority of the week.

Xeltis is a clinical-stage medical device company pioneering a restorative approach in cardiovascular therapy. Our technology platform, RestoreX™, is the world's first polymer-based technology designed to enable natural restoration of cardiovascular function, through a therapeutic approach called Endogenous Tissue Restoration (ETR).

Who are we looking for?

Education:

- Bachelor or advanced degree in Engineering (Mechanical engineering preferred) or a Scientific discipline from an accredited College or University

Experience:

- At least 3 years of industry experience in medical device development
- 1-2 years 3D CAD modelling experience (Solidworks proficiency preferred)
- In-depth understanding of mechanical design, dimensioning and tolerancing
- Knowledge of medical device design controls and quality systems per ISO 13485
- Proven record of success in managing details in a regulated environment
- Excellent written and spoken English communication skills

Preferred:

- Proficient in creating mechanical drawings per ISO or ASME standards
- Experience developing test and manufacturing equipment
- Experience in prior cardiovascular medical device projects
- Experience in electrospinning

Skills

- Highly motivated self-starter, able to achieve results with minimal direction
- Demonstrated leadership skills with a multi-functional team, including internal and external resources
- Ability to work well with other groups in a collaborative environment
- Proven track record of ability to resolve complex problems
- Proactive and creative in solving technical problems

Activities to include:

- Design and develop next generation vascular graft devices comprising electro-spun bioresorbable polymers enabling endogenous tissue restoration (ETR)
- In charge of generating and executing deliverables related to medical device design controls, including material specifications, drawings, design inputs, FMEAs, test plans, reports and design verification activities
- Translate theoretical test concepts into reality, as senior technical member of a team of engineers, scientists and technicians
- Work closely with project team members in Operations, Regulatory, Quality, and Clinical to deliver project objectives
- Provide leadership for the design control elements of the project
- Develop and qualify test methods and procedures to be used in device qualification testing.
- Develop and qualify manufacturing and test equipment
- Develop timelines for projects and ensure goals are being met.
- Compile and analyze data, prepare documentation, and make recommendations for changes and/or improvements.
- Generate test protocols, reports and supporting documentation for design verification purposes.



Working at Xeltis

At Xeltis, we recognize that people make a difference. We are a young, dynamic, international team of 30+ professionals dedicated to improving patients' lives through innovation.

For more information please visit www.xeltis.com; to submit your CV and motivational letter, please contact: recruitment@xeltis.com

