



R&D Engineer

Full-time, Munich, Germany

TRiCares is dedicated to bringing innovative, minimally invasive treatment solutions to patients with failing tricuspid heart valves. We are looking for a proactive and skilled R&D Engineer to join our dynamic team in Munich and support us in our mission to improve patient care.

Unique opportunity for an R&D Engineer to join a small, expanding medical device company in Munich, Germany, where you will work on developing a novel device for treatment of tricuspid regurgitation. TRiCares GmbH is a manufacturer of cardiovascular medical devices for the minimally invasive treatment of tricuspid valve diseases.

Key Responsibilities:

- Evaluate inputs and translate them into requirements for the Topaz Tricuspid Valve system.
- Work with suppliers to implement changes and develop new designs of the product.
- Drawing, prototyping and testing design concepts.
- Test and make improvements to the product by developing bench tests, analyse the results, make recommendations, write protocols and engineering reports.
- Generate work instructions, test methods, prototypes, engineering models to characterise the product.
- Manage and provide guidance to test labs, establishing test methods, test strategies and supervising test execution.
- Analyse patient anatomies and support ongoing clinical trials.

Qualifications and Experience Requirements:

- Bachelor's degree in Engineering.
- Minimum of 2 years of experience within the medical device industry preferably with Class III devices.
- Experience in design and development of medical devices, experience with structural heart valves and delivery systems an advantage.
- Critical thinker with ability to observe, analyse, interpret, draw conclusions and present results.
- Experience in writing documentation – test plans, test reports etc.
- Competent using Solidworks.



- Hands on engineer comfortable working in an R&D lab – 3D printing, assembling prototypes, bench testing.
- Strong attention to detail, with excellent organisational, teamwork and communication skills.
- Proficiency in English.

What We Offer:

A dynamic and innovative work environment with opportunities for professional growth.

Collaboration with a highly skilled and passionate team in a truly multinational company, with colleagues from all over the world.

Competitive salary and benefits package.

How to Apply:

Interested candidates are invited to submit their CV and a cover letter detailing their relevant experience and motivation for the role to coccaro@tricares.de.