

POSITION TITLE

Praktikum oder Abschlussarbeit (m/w/d)

REPORTS TO (JOB TITLE)

Director R&D

DOTTED TO (JOB TITLE)

[Click here to enter text.](#)

CREATED BY

VK

APPROVED BY

HR EMEA

DEPARTMENT

R&D (NVT)

PHYSICAL WORK COUNTRY/LOCATION

Hechingen, Germany

DATE WRITTEN/REVISED

September 2021

HR ONLY – JOB CODE

Position Summary

A short paragraph on what the position is

Do you want to improve the quality and longevity of patients' lives around the world?

Are you curious about interventional cardiology?

Do you want to learn more about transcatheter aortic valve implantation systems?

Then apply to our Research & Development Internship or Thesis in Medical Technology.

Position Responsibilities

*List the **critical** priorities of the position*

Your responsibilities include assisting various staff members, while they conceive, develop, and optimize design concepts of advanced product development. You will also get an opportunity to independently run research and do hands on testing and evaluation.

Some of your daily tasks may include:

- Develop SolidWorks models, drawings, and assemblies
- Build functional prototypes for device development
- Perform engineering testing and evaluation of prototypes
- Develop and update engineering documents such as instructions, drawings, test procedures, and reports
- Investigate new tooling, materials, manufacturing processes, and technologies
- Research and qualify new suppliers and vendors

You will gain valuable skills in developing innovative solutions and solving complex problems, utilizing a variety of specialized laboratory equipment, creating documented policies and procedures, communication, leadership and the ability to work in a team.

Duration:

- The Internship is for 3-12 months (immediately or by agreement)
- A thesis is for 6 months

Experiences, Knowledge, Skills and Abilities

*Indicate the **critical** experiences, knowledge, skills and abilities required to perform the job effectively*

You currently study Engineering or Natural Science (preferably Medical Technology or Mechanical Engineering).

You are a highly motivated and curious student, passionate about technology and medicine.

- Excellent research abilities and a willingness to grow
- Experience with CAD modelling and drafting (SolidWorks)
- Proficiency in English
- Computer literate with excellent MS Office skills
- Quality mindset with a strong desire to document and improve processes
- Ability to understand, analyse and troubleshoot complex systems
- Ability to work hands-on to create prototypes

- Ability to give critical feedback and observation
- Able to communicate well with both engineers and technicians
- Good team player

Customers, Partners, Stakeholders, Team & Direct Reports

*Identify the **key groups of people** that this role will interface with*

- Technical staff including R&D Technician, R&D Engineer, Manager and Director

Select the most applicable option related to the position from the drop-down list

Functional/Technical Knowledge

Basic knowledge of activities in own job; no or little training/experience required

Business Expertise

Understanding of how tasks in own work contributes to others within a sub-team

Leadership/Managing People

No supervisory responsibilities; works on own area

Problem Solving

Exercise judgement based on defined process/instructions

Nature of Impact

Direct impact by ensuring the quality of work provided by self and others

Area of Impact

On own team

Interpersonal Skills

Communicates clearly with regular exchange of complex information