

## About Implantica Group

Implantica is a medtech group dedicated to bringing advanced technology into the body. Implantica's lead product, RefluxStop, is a CE-marked implant for the prevention of gastroesophageal reflux that will potentially create a paradigm shift in anti-reflux treatment as supported by successful clinical trial results. Implantica also focuses on eHealth inside the body and has developed a broad, patent protected, product pipeline based partly on two platform technologies: an eHealth platform designed to monitor a broad range of health parameters, control treatment from inside the body and communicate to the caregiver on distance and a wireless energizing platform designed to power remote-controlled implants wirelessly through intact skin.

### **As our company is continuously growing, we are seeking immediately or by agreement a Mechanical-Mechatronics Design and Development Engineer, 100% (m/f/n)**

Reporting to our Vice President of R&D Mechanical Engineering, the Mechanical-Mechatronics Design and Development Engineer will develop mechanicals for medical devices. As a self-driven person you will be responsible for developing your own modules, starting with definition through design and following through to support the remaining phases of the product lifecycle as required.

You will actively identify and capture missing information leading to the establishment of requirements from internal customers; define, perform and document design verification activities that contribute to demonstrating design compliance; and take an active role in risk management activities both related to product design and to design-for-manufacture.

This key position forms part of a tightly integrated dynamic team that develops active medical implants within a necessarily regulated environment. As such, the ability to deliver high-quality compliant designs while working within an interdisciplinary team, where not all members have a technical background, is crucial to our company's success. You must be a productive self-motivated employee, using wisdom and expertise in a deadline-driven environment.

This role relies upon office based presence in our facility in Zug, Switzerland.

#### **Key Responsibilities:**

- Create concept solutions and full product architecture, including electronics, mechanics, hydraulics, etc.
- Detailed mechanical design including simulations and tolerance analysis, finite element analysis, risk management, planning, coordination of design team members and representation in project meetings.
- In collaboration with other design centers, participate in prototyping activities (3D printer, rapid prototyping), perform testing, verification, characterization and documentation according to procedures and standards

#### **Key Responsibilities:**

- Minimum 5 years' experience in the role working in the medical device industry to medical standard

- Proven knowledge of ISO 13485, ISO 14971 amongst other medical standards and regulations (MDR, FDA)
- SolidWorks CAD proficiency, confident with surface design, Ansys finite element analysis and Comsol or others
- Comprehensive knowledge in design for manufacturing using conventional manufacturing methods, milling, lathing, plastic injection molding, sheet metal forming, die-casting, deep casting, additive manufacturing, etc.
- Experience of working as a member within an interdisciplinary team
- Organizational skills, analytical thinking, and problem-solving competence
- Ideally, you will be familiar with requirements elicitation. IREB (CPRE) certification preferred

#### **We offer you:**

- A challenging and exciting position in an open and dynamic company
- A motivated, dedicated and international team
- A long-term commitment
- Modern working conditions and competitive remuneration

#### **Interested?**

Then send your complete application documents by mail to [careers@implantica.com](mailto:careers@implantica.com) or via LinkedIn Easy Apply. For more information visit [www.implantica.com](http://www.implantica.com).