

Medical Device Design Engineer

Contract: CDI

Gecko Biomedical is a fast-paced medical device company, dedicated to the development of innovative tissue reconstruction solutions. We are leveraging our technology platforms to develop novel solutions to disrupt the field of surgery and positively impact the life of patients.

We are actively looking to recruit a **Medical Device Design Engineer** to be part of Gecko's Innovation Hub, in particular to help us accelerate our 3D Printing platform. This person will have an active role on the design, production and testing of (1) implantable devices based on Gecko's proprietary materials and (2) devices to enable the delivery of our proprietary materials in surgical procedures (open and minimally invasion surgeries).

- **Job Description/Activities**
 - ✓ Lead the design and prototyping of (1) implantable devices based on Gecko's proprietary materials and (2) devices to enable the delivery of our proprietary materials in surgical procedures
 - ✓ Define customer and design requirements
 - ✓ Conduct prototype verification, including performance testing, usability testing and manufacturability evaluation
 - ✓ Optimization of prototypes
 - ✓ Evaluate landscape of existing commercial solutions and competitors
 - ✓ Function within a quality management system
- **Job Environment/Interaction**
 - ✓ Define the scope for projects and respective planning, in collaboration with the New Concepts Lead (3DP)
 - ✓ Work closely with clinicians to understand user requirements and perform prototype testing
 - ✓ Work closely with R&D teams to understand Gecko products specificities, manufacturing constraints, as well as the overall design process
 - ✓ Present studies follow up and outcomes to the Project Team and Management
- **Qualifications**
 - ✓ MSc in Mechanical or Biomedical Engineering, with at least 3 years of relevant experience in the medical device industry (focus on design of surgical and/or implantable devices)
 - ✓ Track record of surgical and/or implantable medical devices successfully developed
 - ✓ Experience in the use of machining and rapid prototyping technologies
 - ✓ Experience with CAD software and computer simulation (e.g. ANSYS)
 - ✓ Creative in approaching technical challenges
 - ✓ Experience with biodegradable biomaterials, in particular in the context of tissue engineering and regenerative medicine, is a plus
- **Other Skills**
 - ✓ Excellent communication skills
 - ✓ Proactive, self-driven, problem solver, can work independently and passionate to make a difference for patients
 - ✓ Ability to multitask, attention to detail, methodic and critical judgment
 - ✓ English proficiency (both written and oral)
 - ✓ Available to travel both nationally and internationally

The Medical Devices Engineer will report to the New concepts Lead (3DP). The position is based at Gecko Biomedical laboratory in Paris, France. To apply for this position please email your CV to jobs@geckobiomedical.com