

Principal Engineer Instruments & Accessories

Job Type : Full- time, Onsite
Location : Mountain View, California

Overview:

Levita Magnetics is transforming minimally invasive surgery through Magnetic Surgery® and its surgical robot MARS™. We operate in a lean, face-paced environment with a growing pipeline of innovative products.

We are seeking a Principal Engineer, Instruments & Accessories to strengthen our R&D team. This pivotal role supports current commercially available products while driving future design iterations, preparing them for FDA submission and commercial launch. You'll be at the core of our mission: reducing invasiveness and improving access to surgery for millions of patients worldwide.

Come join a dynamic and highly motivated group aiming to reduce the invasiveness and improve the efficiency of surgery for millions of people worldwide via an innovative combination of magnetics and robotics!

Key Responsibilities:

- Lead the development of surgical instrumentation for both manual and robotic across several types of surgery (laparoscopic, endoluminal, open).
- Collaborate on advanced magnetic and electromechanical design solutions
- Develop test methods and quantitative metrics to assess performance.
- Plan and execute clinical evaluation to identify optimal engineering solutions based on first principles.
- Derive performance and safety requirements from clinical and business needs.
- Drive designs through commercialization.
- Support general troubleshooting, complaint investigation, and servicing in the field.
- Conduct design reviews, change orders, etc.
- Ensure compliance with Levita's Quality Management System.

Qualifications:

- Master's degree in engineering discipline, with 10+ years of industry/research experience
- 5+ years of experience working in medical devices.
- Deep knowledge of Design Controls, Verification and Validation, and Medical Device Regulations (IEC 60601, 21 CFR 820, ISO 13485, etc).
- Strong leadership and team management skills.
- Ability to thrive in a startup environment with a hands-on, proactive approach

Please send an email with your resume to talent@levita.com

Levita Magnetics is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. We offer stock options and a comprehensive benefits package, including a 401(k), medical/dental/vision and life insurance, and wellness benefits. The annual base salary range for this position is from 150K-200k.