

ReCor Medical

Ultrasound Denervation Therapies

Principal Catheter and Fluidics RD Engineer

Department: R&D

Reporting to: Sr R&D Engineer

Location: Palo Alto, CA

About ReCor Medical

ReCor Medical is a medical device company that designs and manufactures the Paradise System, a proprietary ultrasound ablation system for renal denervation (RDN). RDN is a new potential therapeutic approach for the treatment of hypertension, one of the most prevalent medical conditions. The Paradise System is approved for sale in the EU and bears a CE mark, but is not approved for sale in the United States. The System's intravascular catheters denervate renal nerves by combining the protection of water-based cooling of the renal artery with high intensity ultrasound energy for circumferential renal nerve ablation. The Paradise System has been studied in clinical trials of approximately 300 patients to date. Following the positive outcomes of the RADIANCE-HTN SOLO trial, ReCor will continue its evaluations of Paradise in RADIANCE-HTN TRIO (a feasibility study of patients with resistant hypertension), REQUIRE (a pivotal study of patients with resistant hypertension in Japan and Korea), and most recently with the launch the RADIANCE II pivotal study (a study of patients with moderate hypertension) in the United States and Europe.

Position Summary

A Principal R&D Engineer is the expert that will lead team and other team members to implement and evaluate engineering solutions. He or she will typically lead the research, design and development of a subsystem, process, or other technical solution in accordance with Quality System and customer requirements. He or she will contribute to advancing ReCor's core technologies. He or she will work with other cross-functional team members to achieve business objectives.

Responsibilities and Duties

- Leads the research and development of products in the development pipeline, including manufacturing transfer (via brainstorming, project management, DHF creation/maintenance, prototyping, data analysis, test method development/validation, writing protocols/reports, writing work instructions, vendor management, training technicians/engineers, risk management, etc.).
- Can lead R&D project activities of catheters and fluid delivery systems.
- Designs and develops manufacturing processes, tooling, and fixtures.
- Implement solutions to fulfill standards required to meet for medical devices
- Leads or supports project management activities using effective scheduling and program management tools.
- Collaborate with regulatory, quality, and other functional groups to ensure compliance; Support the regulatory team on FDA applications
- Supports other activities related to the ReCor quality management system including, but not limited to, design control, complaint handling, post-market surveillance, corrective and preventative action, training, troubleshooting, and audits.

- Takes a leadership role to develop intellectual property.
- Supports regulatory submissions by collaborating with Quality and Regulatory Affairs.

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Requirements

- A BS degree in biomedical, mechanical engineering or and a minimal 15-year work experience in related field
- Proficient in data and statistical analyses to lead to quick decisions based on data
- Strong Technical skills in solving complex engineer problems
- Strong communication skills and an excellent team player to work in a cross-functional development environment
- Catheter design / fluidics and manufacturing experience for commercial devices highly preferred.
- Expertise using CAD as a design tool, including creating models, assemblies, and detailed drawings is required; SolidWorks is a plus.

Equal Employment Opportunity

At ReCor Medical, we value bringing together individuals from diverse backgrounds to develop new and innovative solutions for patients. As an equal opportunity employer we do not discriminate on the basis of race, color, religion, national origin, age, sex (including pregnancy), physical or mental disability, medical condition, genetic information gender identity or expression, sexual orientation, marital status, protected veteran status, or any other legally protected characteristic.

E-mail resume to HR: Careers@recormedical.com