

ReCor Medical

Ultrasound Denervation Therapies

Sr. Research and Development Engineer

Department: R&D

Worksite: Palo Alto, CA

About ReCor Medical

ReCor Medical is a wholly-owned subsidiary of Otsuka Medical Devices Co., Ltd. Otsuka Medical Devices focuses on the global development and commercialization of endovascular therapies that provide new therapeutic options in areas where patient needs cannot be met through pharmaceutical treatment. Otsuka Medical Devices Co., Ltd. is a subsidiary of Otsuka Holdings Co., Ltd., a leading global healthcare group listed on the Tokyo Stock Exchange (JP 4578). With operations in pharmaceuticals, nutraceuticals, medical devices and other health-related businesses, the group generated worldwide sales of app. US\$13 billion in the fiscal year ended December 2019 and has a market capitalization of app. US\$25 billion. <http://www.omd.otsuka.com/en/> <http://www.otsuka.com/en/>

Position Summary

ReCor Medical, Inc. seeks a Sr. Research and Development Engineer to support the integration of disposable medical devices with hardware/software systems, including the development of requirements/specifications.

Responsibilities and Duties

- Create and maintain Software Requirements Specifications, Software Design Specifications, and similar documents;
- Actively support project management, risk management, design verifications/validations, failure analyses, and continuously identify and implement process improvements;
- Manage software failure mode and effects analysis (FMEA), perform code reviews, and support development of verification protocols;
- Develop and optimize algorithms related to energy delivery;
- Create and maintain database tools to track, troubleshoot, and optimize generator and system performance during development phase and clinical/commercial usage;
- Develop and maintain code utilized in equipment related to test methods, manufacturing, data acquisition, and data analysis;
- Develop and maintain Graphical User Interfaces (GUI); and
- Track the requirements using tools such as Jama or codeBeamer.

Requirements

Master's degree or the equivalent in Bioengineering, Computer Engineering or Electrical Engineering and three (3) years of experience as a Sr. Research and Development Engineer, Research and Development Engineer, Systems Design Assurance Engineer, or in a related occupation.

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Experience must include three (3) years of experience with:

- Medical device product development: performing feasibility studies, generating product requirements, risk management, and verification and validation (V&V);
- Development or testing of energy-delivery algorithms and systems as it relates to renal denervation;
- Compliance to IEC 60601-1, ISO 14971, ISO 13485, and IEC 62304 standards; and
- Programming using Python and one or more of the following: MATLAB, LabVIEW, C/C++, SQL.

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 and reference job code 2007-145 when applying.