

ReCor Medical

Ultrasound Denervation Therapies

Sr. R&D Engineer

Department: R&D

Reporting to: Director, Advanced Technologies

Location: Palo Alto, CA

About ReCor Medical

ReCor Medical, headquartered in Palo Alto, CA, is an innovative medical technology company focused on transforming the management of hypertension, the leading cardiovascular risk factor in the world. ReCor has pioneered the innovative, minimally invasive use of ultrasound in renal denervation to lower blood pressure in patients with hypertension. The company is focused on investing in high quality product development efforts, as well as rigorous clinical studies to create a strong foundation for future clinical adoption.

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.umd.otsuka.com/en/> <http://www.otsuka.com/en/>

Position Summary

A Senior Engineer works closely with experts and other team members to implement and evaluate engineering solutions. He or she will typically be a technical lead in the development of a subsystem or other technical solutions to engineering challenges. 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 targets.

Responsibilities and Duties

- Support the research and development of novel ultrasound transducers used to deliver therapeutic doses of energy, including characterization of designs, materials, testing, and processing/micromachining.
- Work with measurement systems, such as function generator, oscilloscope, radiation force balance, hydrophone, motor systems, or thermocouples, to characterize complex acoustic and temperature fields;
- Use digital signal processing methods to analyze temporal, spatial and spectral data;

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- Apply systematic approaches to measure and model electrical and acoustic properties of PZT transducers;
- Identify problems or improvement opportunities in existing measurement methods, and system/transducer designs;
- Support the development of intellectual property;
- Collaborate other functional groups to ensure compliance to the ReCor Quality System;
- Support regulatory submissions.

Requirements

- Minimum 5 years experience in field related to ultrasound
- Familiar with design control for medical devices, QS, and applicable ISO standards

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