

ReCor Medical

Ultrasound Denervation Therapies

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

Position Summary

This is a hand-on role responsible for building, testing, and analyzing high power ultrasound transducers. This individual closely with experts and other team members to implement and evaluate engineering solutions. 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

- Work with ultrasound engineers on prototyping transducer concepts
- Execute mechanical, electrical, and acoustic tests to characterize transducer performance
- Analyse transducer failure modes/issues and identify areas of improvement
- Evaluate and improve manufacturability of transducers and components, and work with engineers on establishing standard processes for testing and production.
- Manage lab equipment such regular maintenance, calibration, and new equipment registration, etc.
- Identify problems or improvement opportunities in existing measurement methods, and

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system/transducer designs;

- Support the development of intellectual property;
- Collaborate other functional groups to ensure compliance to the ReCor Quality System;

Requirements

- A minimum of 10 years' experience working on high frequency PZT transducers. Excellent knowledge on transducer components such as PZT, backing and matching materials, and their impacts on transducer performance.
- Highly skilled in processes such as cutting, dicing, bonding, welding, coating, separation, etc.
- Motivated to work in an R&D environment that requires prototyping, iteration, analysis, and optimization. Strives to push the technology to the edge and achieve the highest performance.
- Good communication skills and excellent team player.

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