

ReCor Medical

Ultrasound Denervation Therapies

Principal R&D Engineer

Department: R&D

Reporting to: Director, Advanced Technologies

Location: Palo Alto

Workplace Type: Onsite

About ReCor Medical

At ReCor Medical, we are pioneering Ultrasound Renal Denervation (uRDN) therapy to treat hypertension, the leading cardiovascular risk factor in the world. With our Paradise™ uRDN System, we're on a mission to provide the millions of people who suffer from hypertension with a non-drug and minimally invasive option to lower their blood pressure safely and effectively. Join us on our journey and make a meaningful impact on the lives of people around the globe.

Position Summary

The Principal R&D Engineer will work independently and collaborative with team members to design, implement and evaluate engineering solutions. He or she will lead the development of next generation renal denervation acoustic catheters including both imaging and ablation. The Principal R&D Engineer will contribute to advancing ReCor's core technologies in transducer designs, processing and failure diagnosis. He or she will work with other cross-functional team members to achieve business targets.

Responsibilities and Duties

- Understand the renal denervation(RDN) and requirements, and design novel and effective product solutions
- Design and develop novel ultrasound catheter devices capable of both ablation and imaging for RDN applications
- Analyze transducer failure/issues and identify areas to improve, and provide solutions
- Evaluate and improve manufacturability and components
- Support the development of intellectual property
- Collaborate with other functional groups to ensure compliance to the ReCor Quality System

Requirements

- A minimum of 15 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 on high precision, small devices, such as cutting, dicing, bonding, welding, coating, separation, etc.
- Motivated to work in an R&D environment that requires prototyping, iteration, analysis, and optimization
- Always strive to push the technology to the edge and achieve the highest performance
- Good communication skills and excellent team player

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Salary range: \$191K - \$208K (Commensurate with experience, skills, education and training)

COVID-19 vaccination requirements

At ReCor Medical, we care, we collaborate, we challenge, and we create. Pursuant to these core values, we are focused on the health and safety of our employees, as well as the teamwork essential for innovation of our pioneering technology.

COVID19 vaccines are required for all ReCor US office employees effective June 10, 2021, as well as all new US office employees joining our company. Fully vaccinated persons are those who are ≥ 14 days post-completion of the recommended series of an FDA-authorized COVID-19 vaccine.

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.