

ReCor Medical

Ultrasound Denervation Therapies

Senior Engineer, System Designs

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 Senior Engineer, System Designs will work independently and collaboratively with team members to design, implement and evaluate engineering solutions. Lead the development of an imaging subsystem or other technical solutions to address renal denervation challenges. He or she will contribute to advancing ReCor's core technologies such as transducer designs, imaging subsystem and signal chain, ablation monitoring, etc. 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.
- Systematically analyze and solve complicated problems through electrical/acoustic/mechanical testing, acoustic/thermal/mechanical FEM simulations, and statistical analysis.
- Design novel test method to characterize the electrical and acoustic performance Support the development of intellectual property.
- Collaborate with other functional groups to ensure compliance with the ReCor Quality System.

Requirements

- Bachelor's +5 years' Experience / Masters+1 years' Experience or PhD in Physics, electrical Medical Device is required.
- A PhD degree in Physics, electrical engineering or biomedical engineering or related engineering fields, or equivalent work experience in medical devices.

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- Strong Expertise in at least one area on analytical/physics/electrical/acoustic systems/acoustic and FEM models/statistics/DSP/manufacturing processing/transducer designs and characterization. Algorithms and programming skills are required.

Salary range: \$139K -\$155K (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 based on 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.