Senior Research and Development Engineer

About Perfuze

Perfuze is a growth stage medical device company, based in Galway, dedicated to improving the quality of life for stroke patients. Perfuze is developing innovative catheter-based technology to extract blood clots from the brain following an Acute Ischemic Stroke. We are located in the IDA Business Park in Dangan, Galway. At Perfuze, we push the limits of what medical technology can do to help restore health and extend life. Our mission is to halve the number of patients who suffer disability post stroke treatment. We want to accelerate and advance our ability to create significant innovations, but we will only succeed with the right people on our team.

Our Culture

o An inclusive work environment, where all the employees are valued, supported and encouraged
o All employees have a seat at the table and have influence
o A collaborative teamwork environment where learning is constant, and performance is rewarded
o The opportunity to be at the forefront of a technology that can positively impact the treatment of one of the world's most devastating diseases

Senior R&D Engineer role

As a Senior R&D Engineer you will be a key member of the engineering team working within a multidisciplinary framework. This role will be involved in technology advancement projects including but not limited to exploring and investigating new device concepts and validating new technology, processes and methods. The primary product and technology categories supported will be for intracranial large bore aspiration catheters, micro catheters, balloon guide catheters and guide wires.

How You'll Contribute:

o Prepare project plans, specifications, and schedules for product development
o Drive projects and new technology development based on your previous experience of the phases of medical device development from concept to regulatory approval
o Design, build and document development of novel neurovascular catheter-based technology
o Design fixtures and models for proof-of-concept, and verification and validation testing
o Develop, manage, and conduct tests to verify and validate new product designs
o Identify and interact with vendors to develop and obtain engineering materials, processes, and equipment
o Contribute to company Intellectual Property, evaluate patents for specific technology areas and participate in patent filings
o Develop and improve manufacturing processes for pilot production

To apply for the role of R&D engineer you must have:

- Degree in engineering
- Minimum of 5 years' experience in the medical device industry and a hands-on approach
- Familiarity with design control methods and experience in verification and validation testing to support medical device regulatory submissions
- Excellent verbal and written communication skills with the ability to communicate clearly to others in different functions and at various levels
- Proven ability to innovate, be it for product, process, or test method development
- Commitment to ongoing personal development to improve technical and non-technical skillsets

It is desirable to have:

- Experience of catheter design and medical device polymer processing
- Familiarity with project management methods and tools

If interested, please submit your CV and a note outlining why you're the right person for the role to hr@perfuze.com

Perfuze Ltd., IDA Business Park, Dangan, Galway