



About Perfuze

Perfuzer are developing innovative catheter-based technology to treat acute ischemic stroke. The technology will provide superior clinical outcomes in shorter procedural times; resulting in safe, cost-effective therapy. Perfuzer is based in Galway City.

Senior R&D Engineer

In this role you will be taking the Perfuzer technology from development through to manufacturing. You will focus on R&D initially, progress to moving a prototype to pilot manufacturing, and eventually through to a more controlled manufacturing setting.

Requirements

- Min of 6 years' experience in R&D and / or manufacture of catheter technology
- In-depth knowledge of catheter manufacturing processes and equipment
- Demonstrated ability to rapidly develop device concepts, processes, and fixtures
- Modelling and analysis of mechanical systems using SolidWorks or similar
- Strong background working with medical device polymers
- Bachelor's degree or higher in Engineering (Materials, Mechanical, Plastics, or Biomedical)
- Excellent verbal and written communication skills with the ability to communicate clearly to others in different functions and at various levels
- Experience in prototyping and managing prototype builds
- Capable of managing and leading a small team of engineers and / or product builders
- Ability to translate a design from concept to a pilot manufacturing line, for verification and validation builds, and early clinical studies
- Working knowledge of best practices in medical device manufacturing
- Must enjoy contributing to and participating in a dynamic team environment
- A hands-on mindset

Preferable

- Neurovascular device design experience
- Experience working in a medtech start-up

Responsibilities

- Design, build and document the development of novel neurovascular catheter technology
- Design fixtures and models for proof-of-concept, and verification and validation testing
- Develop and manage manufacturing for pilot production
- Manage and conduct engineering studies for process improvements and validations
- Support and manage efforts to verify and validate new product designs
- Identify and interact with vendors to obtain engineering materials, processes, and equipment
- Stay current with general engineering knowledge related to catheter design and prototyping techniques
- Contribute to company Intellectual Property. Evaluate patents for specific technology areas and participate in patent filings when requested
- Commit to ongoing personal development to improve technical and non-technical skillsets

If interested, please submit your CV and a letter outlining why you're the right person for the role to info@perfuzer.com for the attention of Liam Mullins.

Perfuzer Ltd., IDA Business Park, Dangan, Galway