

Job Opening

Title: Senior Engineer, Polymer Processing

Reports to: Manager/Director, R&D

About CardiacBooster:

CardiacBooster is a young medical device company developing a new and innovative device to support the heart. Heart support devices are used by interventional cardiologists to stabilize patients in times of acute heart failure. We are an enthusiastic team with diverse backgrounds and expertise, and are located on the NovioTech Campus in Nijmegen, Netherlands. CardiacBooster is an equal opportunity employer.

Job Description:

The Senior Engineer, Polymer Processing, will be an experienced engineer with intimate knowledge of thin film polymer processing. The key responsibility will be the development and optimization of one of the company's core technology components. The Senior Engineer, Polymer Processing, will be responsible for the development and ultimately manufacturing of thin film polymer components as well as their assembly and integration into the final device. The Senior Engineer, Polymer Processing, will work closely with his/her counterparts responsible for catheter development and device characterization. He/She will share the responsibility of realizing the CardiacBooster's full potential.

The successful candidate will have entrepreneurial spirit, the required persistence to succeed in a start-up environment, and the ability to work in a self-directed manner with minimal direction and supervision. He/She will have hands-on knowledge and experience in the development of cardiovascular devices. The Senior Engineer, Polymer Processing, will be a team player and have excellent communication skills as well as in-depth industry knowledge. The successful candidate will look back on a minimum of five years of medical device development experience, and have a Master's Degree in a relevant engineering discipline such as polymer, biomaterials or biomedical engineering, or equivalent experience. The Senior Engineer, Polymer Processing will work from the company's office in the Netherlands or Ireland, and be able to travel occasionally.

Essential Job Responsibilities:

- Develop processes and work instructions for the manufacturing of a proprietary polymer component of the company's catheter device
- Develop and maintain the polymer processing manufacturing environment
- Ensure good communication with peers and management in the continuous feedback loop between device design, design characteristics and manufacturing processes
- Develop test protocols for design verification testing of the polymer component
- Anticipate risks and challenges; proactively ensure availability of adequate mitigation plans
- Ensure adequate IP generation to protect novel developments and findings
- Manage relationships with third party development and manufacturing vendors

Required Qualifications & Characteristics:

- Self-directed engineer with entrepreneurial drive
- Established vendor network
- Experience with creation and processing of thin polymer films, in particular biocompatible elastomers.
- Experience with creation of thin film polymer 3D shapes.
- Experience with bonding of thin film polymer layers

- Excellent communication skills in English and preferably one other European language
- Master's Degree in a relevant engineering discipline, or equivalent experience

Applications:

- Please submit your application, including resume, to hr@cardiacbooster.com