Product Development Engineer

Reports To:	Department:
Raj Pandey (Vice President, Product Development)	**Product Development (R&D)**

Basic Functions:

Job Summary at ClearPoint Neuro (CLPT):

ClearPoint Neuro's mission is to improve and restore quality of life to patients and their families by enabling therapies for the most complex neurological disorders with pinpoint accuracy. Applications of the Company's current product portfolio include deep-brain stimulation, laser ablation, biopsy, neuro-aspiration, and delivery of drugs, biologics, and gene therapy to the brain.

At CLPT, we are developing multi-talented, team focused leaders. We are looking for a bright, talented new team member to be part of our expanding company. The successful candidate for our Product Development Engineer position will help develop and grow our portfolio of innovative products we offer to support some of the most complicated neurological procedures and clinical trials.

The Product Development Engineer will lead new development and line-extension-level projects or sub-projects from concept to release through the design control system with minimum guidance. They will spearhead technical design within projects, while providing support to the R&D Team on new product development activities such as requirements gathering, risk analysis, product evaluation, testing, process development, process fixture development, creating & executing engineering verification/validation protocols, and generating reports. The ideal candidate must be enthusiastic in supporting operations and quality assurance with project-level and day-to-day activities as needed.

Duties and Responsibilities:

- Lead projects through the design control system for new products as well as changes to existing products.
- Perform technical functions such as detailed design, prototyping, specification generation, analysis, and testing required through design projects.
- Perform complaint investigations.

- Develop test methods and test fixtures.
- Develop and maintain manufacturing and quality inspection processes and procedures.
- Execute design/process validation protocols and testing.
- Support manufacturing and quality assurance with implementing new products or changes to existing products, troubleshooting production issues, developing new tools/fixtures, and transfer of designs and design changes to manufacturing.
- Support operations with development and implementation of new procedures or revision of current that overlap with development activities.
- Provide technical support as needed to multiple projects in Product Development and Manufacturing.

Qualifications:

Experience:

- 3-5 years of experience in design/development of products.
- 3-5 years of working in an ISO/cGMP facility.
- 1-2 years of project management or project technical lead experience.
- Medical Device experience preferred.

Education:

- Minimum B.S. in Engineering.

Special Skills:

- Proficient in SolidWorks, Pro/E, or Inventor.
- Working knowledge of statistics.
- Excellent oral and technical writing communication skills.
- Proficient in machining using lathes, drill presses, and mills, for example.
- Proficient in MS Project or other Project-planning software.
- Ability to prioritize tasks in order of importance and work independently.
- Familiarity with quality systems and department compliance.
- Must be able to work well in a team environment as well as individually.
- Demonstrates ability to be a self-starter and work through projects with minimal supervision.

Contact: careers@clearpointneuro.com to apply