Job Description

Title	Senior R&D Engineer		
Reports To	R&D Director	**FLSA Status**	
Job Scope			
Description	The Senior R&D Engineer role will support the development and manufacture of medical devices. The candidate will work with Manufacturing and Quality departments to design, develop, validate and qualify new products. Specific responsibilities include:		
Job Responsibilities	1. Develop new product concepts and products following design control procedures. 2. Develop test methods and test fixtures. 3. Design, develop, refine and improve current products. 4. Identify processes and improvements. 5. Identify materials to be used in products. 6. Prepare product documentation. 7. Write and supervise test protocols, test data and test reports. 8. Gather input from clinical, marketing, literature, and other internal sources. 9. Identify problems and recommend solutions. 10. Assist Project Manager in the scheduling and coordination of project related activities including team meetings & design reviews. 11. Execute material procurement, shipping requests, and documentation approvals. 12. Generate intellectual property, write invention disclosures 13. Supervise technicians, specialists, and associate engineers 14. Largely self-directed, capable of meeting project goals with minimal supervision		
Qualification Requirements			
Skills	1. Catheter manufacturing or design experience required 2. Excellent written and verbal communication skills 3. Strong computer skills with proficiency in MS Office. Advanced skills in MS Excel 4. Experience with MS Project preferred. 5. Experience with statistical analysis concepts and tools (MiniTab, Statgraphic). 6. Strong planning and organizational skills. Able to effectively multitask.. 7. Ability to facilitate team discussions and run meetings. 8. Knowledge of medical and technical development. 9. Reading and preparing technical documentation. 10. Working knowledge of standard machine shop equipment and process. 11. Mechanical aptitude and an understanding of Mechanical Engineering principles 12. Working knowledge of current CAD tools needed; experience with SolidWorks a plus 13. Experience with current FDA and ISO design control procedures and specifications 14. Experienced in the use of analytical tools and methods including statistics, DOE, and computer/software packages		
Pre-requisites/Job Experience	1. Minimum -- Bachelors of Science in Mechanical Engineering or Life Sciences 2. Minimum – 4-6 years industry experience in a medical device environment		

Physical Requirements	1. Extended periods of computer usage. 2. Extended periods of sitting or standing. 3. Light lifting.	
Training Requirements		
Training Needs	1. Level 2 training of QSR, ISO9001, ISO13485, and MDD. 2. Basic job related training.	
Approvals		
Manager Approval		**Date:**
Employee Signature		**Date:**