

Description	
Job Title	Technical Project Manager, Hardware Engineering
Reports to Title	Sr. Director Hardware Engineering and QA
General Accountability	<p>Our mission is to Profoundly change the standard of care by creating a tomorrow where clinicians can confidently ablate tissue with precision; a tomorrow where patients have access to safe and effective treatment options, so they can quickly return to their daily lives. Changing the standard of care is part of our fabric. We are a group of energetic, problem-solvers focused on innovation, and looking to change the world. If you want to make a Profound impact with your career, while making a difference in other people’s lives, here is your chance.</p> <p>This role is responsible for the Mechanical, Electrical and Sustaining engineering teams in Toronto as well as some research resources in Finland and Germany. The Projects Include design and development projects in Toronto and a BMBF project (German federal ministry of education and Research).</p> <p>These teams follow a design and development process to produce industry leading medical device products. This role leads project teams in developing project charters and design and development plans maintaining alignment of team members to project objectives and milestones to ensure delivery of projects.</p>
Duties and Responsibilities	<ul style="list-style-type: none"> ▪ Overall responsibility for the planning and execution of projects from initiation to commercial release. ▪ Lead project teams comprised of members both within and external to Hardware engineering, aligning team members to Project objectives. ▪ Prepare and present status updates and annual report for senior management as requested. ▪ Work cross-functionally with (SW, Regulatory Compliance, Operations, Clinical, Sales and Marketing) to drive projects forward and provide optimal value to the organization. ▪ Manage the Hardware (HW) developers. Prioritize work based on business needs, skill set match and resource loading; guides and trains as required. Responsible for performance reviews and career development. ▪ Provides estimates of schedule, tools and equipment required for project activities and ensures that they are requisitioned in a timely fashion. ▪ Acts as a technical leader and expert resource for other departments; Marketing, Product Development, Project Management, and Manufacturing to achieve company strategy and development goals. ▪ Participate in the generation of System requirements and specifications ▪ Participate in or lead design reviews by providing expertise in hardware designs.

	<ul style="list-style-type: none"> ▪ Follow PMI Design Control Procedure ▪ Develop test methods for getting test agencies approvals and work with the test agencies to qualify products ▪ Ensure that product complaints and other quality events are investigated (including the root cause analysis) in a timely fashion and create plans for remediation. ▪ Develops and monitors continuous improvement activities ▪ Participate in technical design, providing insight and ideas that translate to solution
Competencies	
Education	Mechanical or Electrical Engineering or similar undergraduate degree
Certifications	N/A
Key Attributes (experience, skills and technical knowledge)	<p>Required:</p> <ul style="list-style-type: none"> ▪ 7-10 years industrial experience in medical device industry or a similar industry (instrumentation, automotive, etc.) ▪ At least 5 years of experience managing engineers ▪ Extensive knowledge of computer-assisted design, with knowledge of SolidWorks an asset. ▪ Good knowledge of PCB technology (design, layout, manufacture) ▪ In depth knowledge of manufacturing processes such as machining, injection molding, urethane casting. ▪ Excellent verbal and written skills. Ability to communicate quickly, clearly, and concisely. ▪ Tenacious problem solver, organized, detail oriented ▪ Knowledge of medical device standards <p>Desirable:</p> <ul style="list-style-type: none"> ▪ Experience working with MR compatible devices and therapeutic ultrasound devices. ▪ Experience working with catheter or medical implants ▪ Superb interpersonal skills, both written and verbal ▪ Excellent presentation skills ▪ Ability to work in a team environment is critical ▪ Excellent problem-solving abilities ▪ Experience interacting with all levels of an organization including leadership teams ▪ Electrical/RF engineering for MRI compatible electrical devices is an asset ▪ Familiarity with working with a formal quality system (ISO 13485 preferred) ▪ Familiarity with IEC-60601 is an asset ▪ Demonstrate high degree of innovation to achieve high quality, usefulness, and cost-effectiveness