



Mechanical Engineer

Titan Medical Inc. is a Canadian public company headquartered in Toronto, Ontario with its Research & Development center in Chapel Hill, North Carolina. Titan is a medical device company focused on the design and development of single-port robotic surgical technologies.

We are seeking a highly motivated candidate to join our Research & Development center at our Chapel Hill office and reporting to our subsidiary Titan Medical USA Inc.

Responsibilities include but are not limited to:

- Translate engineering requirements into manufacturable designs consistent with standard medical device practices
- Design, build, verify and validate complex electro-mechanical systems.
- Design, build, and validate assembly/test fixtures
- Perform safety risk analysis to assure the safety and efficacy of the device.
- Perform technical/functional risk analysis to uncover engineering and project risks.
- Support verification and validation
- Review test data against established pass criteria
- Write clear, data-driven technical summaries and test reports
- Manage and maintain device drawing package and BOM
- Support research initiatives
- Support transfer of designs to qualified manufacturing partner to ensure high quality and efficient manufacture of products and packaging
- Support production of products
- Evaluate engineering change requests
- Identify opportunities for cost reduction
- Support use of robotic surgical system in preclinical and clinical environments
- Train clinical support specialists in understanding design and operation of complex medical system
- Provide technical support/consulting to Titan Medical staff and contract development and manufacturing entities
- Identify and resolve quality issues
- Support regulatory filings
- Perform other duties as assigned

Qualifications:

- Bachelor of Science degree in mechanical, electrical, or biomedical engineering.
- 3+ years of design engineering experience required
- 1+ year experience with medical device or similar quality management system is required
- SolidWorks software experience is required

- Robotics experience is preferred
- Must be proactive, with the ability to work effectively both independently and collaboratively in a fast paced environment
- Must have excellent problem solving, interpersonal, and proactive communication skills
- Occasional travel may be required
- Able to move and lift equipment and supplies up to 70 pounds

For confidential consideration, please submit a resume with a cover letter and salary history to careers@titanmedicalinc.com

Titan Medical is an equal opportunity employer. Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions of this position.

Recruiting Agencies, Please Note:

Titan Medical will not accept unsolicited assistance from recruiting/search agencies for this employment opportunity. Please, no phone calls or emails. All resumes submitted by recruiting or search agencies to any employee at Titan Medical via email, the Internet or in any form and/or method without a valid written search/recruitment agreement in place for this position will be deemed the sole property of Titan Medical. No fee will be paid in the event the candidate is hired by Titan Medical as a result of the referral or through other means.