



Mechanical Engineer (Entry Level)

Lungpacer Medical Inc. – Burnaby, B.C.

Job Reference No. 201407-01

Lungpacer Medical Inc., a multiple award-winning medical device development company, is seeking to hire an entry-level Mechanical Engineer to participate in developing the Company's novel therapeutic solution for weaning mechanically ventilated, critically-ill patients. Lungpacer offers a start-up culture and the opportunity to make a major impact on the lives of millions of patients. We are committed to hiring and developing top talent. Join our fast-growing team and enjoy a challenging work environment, great benefits and opportunities for career development in the Greater Vancouver area of beautiful British Columbia.

Job Overview:

As a Mechanical Engineer, you will be working under the supervision of the Catheter Product Manager in the preparation of detailed design, prototype fabrication and testing. You will produce high quality design and test report documentation in compliance with our Quality System.

Duties and Responsibilities:

- Take direction from team lead to perform mini-projects in direct support of catheter development activities and verification testing.
- Apply engineering fundamentals to practical problem solving involving design, fabrication, and validation of test methods and test setups.
- Use advanced analysis tools and methods to solve complex technical problems (e.g. 3-D Modeling and Design, Computational Fluid Dynamics, and Finite Element Analysis)
- Create Solidworks models and technical drawing files in accordance with company drafting standards.
- Support design verification testing, including writing test protocols, overseeing test progress, providing direct input in test activities and preparing test reports at completion.
- Technical writing in support of design inputs, design outputs, qualification activities, regulatory requirements and related pursuits.
- Occasionally contact outside suppliers related to design activities.

Qualifications

- Bachelor's degree in engineering (Mechanical or Biomedical) required.
- 2+ years of related work experience or recent Master's Degree in engineering.
- Demonstrated, strong mechanical aptitude.
- Demonstrated SolidWorks experience or other CAD software tools.
- Excellent written and oral communication skills in English.

Qualified candidates are invited to send a letter of interest and resumé to hr@lungpacer.com. Please quote this job reference number in your e-mail header subject box.

We thank all interested applicants. However, only those under consideration will be contacted.