

MONTREAL, Machinist, full-time, in-person

Puzzle Medical is developing a percutaneous heart pump for patients with advanced heart failure. The device's modular design allows for safe percutaneous implantation to support both renal and cardiac function through 4mm-pumps anchored in parallel in the descending aorta, allowing stability for patient mobility. To date, Puzzle Medical has successfully: completed a Series A financing round (2023); completed its first-in-human study with all patients experiencing improvements in cardiac and kidney function (2022); received U.S. Food and Drug Administration (FDA) Breakthrough Device Designation (2021).

POSITION SUMMARY

Puzzle Medical is currently seeking a Machinist to support our research and development team by ensuring the precision machining of components for our cutting-edge medical devices. The ideal candidate will have experience in operating various machinery and a strong understanding of machining processes. At Puzzle Medical, we value candidates with good technical expertise, a strong attention to detail, and the ability to work autonomously in a dynamic environment.

ROLE AND RESPONSIBILITIES

- Precision machining of medical device components based on engineering drawings and CAD designs
- Operate CNC machines, lathes, and milling equipment to produce high-quality parts
- Perform regular maintenance and calibration of machining equipment to ensure peak performance
- Collaborate with engineers and R&D teams to troubleshoot and optimize component designs
- Conduct quality checks to ensure parts meet tight tolerances and regulatory standards
- Maintain a clean and organized machine shop
- Assist with machine setup and testing for prototype development
- Help with general machine and shop maintenance
- Participate in continuous improvement initiatives to optimize machining efficiency and reduce waste

QUALIFICATIONS

- Experience as a Machinist in a precision machining environment.
- Proficiency in operating CNC machines, lathes, and other machining equipment
- Strong knowledge of machining processes, materials, and quality control techniques
- Ability to read and interpret engineering drawings, blueprints, and CAD files
- Excellent troubleshooting and problem-solving skills
- Ability to work with tight tolerances and regulatory requirements (ISO 13485 experience is a plus)
- Strong attention to detail and excellent organizational skills
- Good communication skills and ability to collaborate with cross-functional teams

Note: This job description is intended to provide a general overview of the position. It is not an exhaustive list of responsibilities, qualifications, or requirements. The employer reserves the right to modify the duties or requirements of the position as needed.