

MONTREAL, Mechanical Technician, 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 its first-in-human study with all patients experiencing improvements in cardiac and kidney function (2022); completed a Seed financing round (2021); built a strong Key Opinion Leaders committee (2021); received U.S. Food and Drug Administration (FDA) Breakthrough Device Designation (2021).

POSITION SUMMARY

Puzzle Medical is currently seeking a Mechanical Technician to assist the engineering team with technical tasks such as machining, assembly, prototyping and quality control. The candidate will also be responsible for shop and equipment maintenance. At Puzzle Medical, we value candidates with good autonomy, desire to learn and a great sense of organization.

ROLE AND RESPONSIBILITIES

- Fabrication of Parts & Assemblies, Prototypes and Tooling
 - Machining (5 axis CNC, CNC turning and manual turning)
 - CNC CAM Programming
 - Laser cutting
 - Part deburring, cleaning and finishing
 - Assembly work such as epoxying and laser welding
 - Quality control using a CMM
 - Product packaging
- Shop and Equipment maintenance
 - Setup new equipment
 - Perform maintenance on equipment
 - Troubleshoot problems affecting equipment and tooling
 - Maintain inventory of materials and tools
 - Optimize the work environment as needed
 - Maintain a safe and tidy work environment.
- Documentation of manufacturing
 - Prepare production documents, such as standard operating procedures, manufacturing batch records, inventory reports, or productivity reports.

QUALIFICATIONS

- Technical degree in mechanical engineering or equivalent
- At least two years of related experience
- Strong knowledge of machining
- Excellent organizational skills and a keen attention to detail
- Great communication and collaboration skills
- Basic level of spoken and written English

ASSETS

- Handy
- Experience in the medical device industry
- Experience with micro-machining and 5 axis machining
- Experience with CAM programming
- Experience with CAD