

## **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, mechanical hemodynamic support, helping patients with increased accessibility, improved quality of life, and reduced hospitalizations. To date, Puzzle Medical has successfully: completed a [Seed financing round](#) (2022); completed a [Series A financing round](#) (2023); completed its [4 patients 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 Mechanical Technician to assist the engineering team with technical tasks such as machining, assembly, prototyping and quality control. The candidate should be **highly meticulous**. 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)
  - Laser cutting
  - Surface finishing
  - Part deburring, cleaning and finishing
  - Assembly work such as epoxying and laser welding
- 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