

# spino modulation

*A subsidiary of SPINOLOGICS INC*

**Position:** Quality Engineer  
**Department:** Spino Modulation Inc.  
**Supervisor:** Director of Quality Assurance and Regulatory Affairs

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## Job Summary

Reporting to the Director of Quality Assurance and Regulatory Affairs, the Quality Engineer will be responsible for assuring products and suppliers are conforming to the established requirements and standards through appropriate audit, inspection, and test activities. Interacts with many different functional departments, suppliers, and experts outside Spinologics Inc. to implement Spinologics Inc quality goals.

## Company Overview



Founded a little over 10 years ago, Spinologics is now emerging on the local and international stage. Our core expertise is in the development of innovative medical devices for spine surgery, but we are branching out into other orthopedic fields, sports equipment and protective equipment. Currently, our projects are conducted through our 2 very exciting daughter companies:



Computational modeling and simulation have a bright future in the medical world. We have an incredible team of simulation experts that test medical devices in a virtual environment. Our vision is to create a digital human, named "Numa", that is built based on sound biomechanical science and engineering.

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Scoliosis affects 2-3% of the population. For young adolescents that do not respond to brace treatment, we are developing a minimally invasive surgical system that “tethers” the curved spine.

## Our Direction

Over the last few years, and during the pandemic, Numalogics and Spino Modulation have been in R&D mode. We are ready to start commercialization and let ourselves be known.

## Our Work Environment

“I have your back” type of culture. Our group of young, talented, dynamic professionals are inclusive, collaborative, helpful.

Our office is located in Montreal’s trendy Le Plateau district.

## Principal Duties and Responsibilities

- Formulates procedures, specifications, and standards for Spinologics Inc. products and processes.
- Provides leadership for design and supplier quality engineering projects from concept through design, implementation, testing, documentation, support, and maintenance.
- Develop and implement corrective/preventative action plans • Collects and analyzes data for gauge and product evaluation.
- Identifies critical gauges, procedures, and materials needed for the supplier qualification and completion of new products.
- Ensures that suppliers have necessary information and facilities to deliver quality products to Spinologics Inc.

## Expected Areas of Competence

- Ability to work within a team environment and build relationships outside of the department as well as outside the company (suppliers, regulatory agencies, etc.).
- Ability to deliver, meet deadlines and have results orientation.
- Able to communicate both orally and in written to multiple levels of the company.
- Demonstrates characteristics of high potential for future development opportunities.
- Google AODocs
- Basic knowledge of blueprint reading and geometric dimensioning and tolerancing, basic understanding of QSR/ISO regulations (13485, 14972, 62304), design assurance, risk management, FMEA, cybersecurity and product testing methods.

## Education/Experience Requirements

- B.S. in engineering or an alternative Bachelor degree program with certification as a quality engineer (e.g. CQE).
- 1-5 years of work experience, preferably in regulated industries.
- Certified Quality Engineer (CQE) and Medical device, particularly Orthopedic industry, experience preferred
- Combination of education and experience may be considered (in evaluating experience relative to requirements).

## Job Location

Montreal / Remote



## To Apply

Email your resume, cover letter, and your portfolio at: [HR@spinologics.com](mailto:HR@spinologics.com) Position will remain open until filled.

*Spinologics is a diverse, inclusive, and open-minded workplace. Candidates who identify as a minority are encouraged to apply. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, or national origin.*