

Mechanical/electronics design engineer



C-RAD is a global medical device company with head quarter in Uppsala. We develop, produce and sell innovative solutions to healthcare customers. The focus is on patient positioning, monitoring and imaging within radiation therapy. We are market leader in the field of optical patient positioning. C-RAD is a stock listed company at NASDAQ OMX Nordic Exchange. C-RAD group consists of three daughter companies in Sweden and sales offices in the USA, Germany, France and China. C-RAD is ISO 13485 certified.

Our core values are Professional, Organized and Honest.

*We are currently looking for a **Mechanical/electronics design engineer** to strengthen our R&D team.*

Join C-RAD to fight cancer – in Uppsala

Our products enable precision health through positioning and monitoring of patients in radiation therapy, which maximize the dose in tumours and minimize the dose in surrounding tissues.

We are now strengthening our R&D team in Uppsala with electromechanical design engineering expertise. Our task is to develop and integrate world class systems to our patient positioning/monitoring products for radio therapy.

Your contribution to our success

As a mechanical or electronics design engineer, you will have a key role within the R&D team. In cooperation with the R&D team you will

- Contribute to design decisions and discussions with the R&D team
- Contribute to new platform development
- Ensure quality standards are met through documentation, risk analysis and testing
- Contribute to execution and development of system and module verification
- Provide product technical documentation

Responsibilities include

- Establish, execute, and report on product development deliverables taking concepts through validation and into commercialization.
- Design of plastic or sheet metal parts.

- Support/develop verification test methods, protocols and reports.
- Evaluate, analyze and report test results to key stake holders.
- Participate in technical meetings and discussions.
- Conduct product testing and create models and prototypes
- Create design specifications and perform adjustments and calibrations
- Incorporate required regulatory standards (FDA , ISO) in developmental and/or sustaining engineering projects including written protocols, test methods, assembly processes and the Design History File.
- Contribute to inventions, new designs and techniques regarded as advances in the medical and technical/scientific community.

Qualifications

- 2-4 years of experience in medical device hardware development.
- Design capability with 3D CAD/CAE software such as Autodesk Inventor or SolidWorks.
- Experience in verification and validation testing.
- Demonstrated ability to create and document test methods and test plans during product development.
- Demonstrated ability to work in cross functional teams.
- Strong knowledge of IEC standards 60601-1 and 60601-1-2.
- Hands-on experience with prototyping and testing, and knowledge on serial production of CNC machined parts, sheet metals, die casting, extrusion, sintered metal components, plastic injection molded parts, and bonded or laminated plastic consumables.
- Experience in structural mechanics covering deformations, deflections, and internal forces or stresses within structures using simulations/computations.
- Electronics design, electronics CAD, schematics and PCB layout, components selection and BOM maintenance
- Excellent troubleshooting and problem-solving skills.
- Strong communication skills.
- A motivated, organized, and collaborative work style.
- Fluent in Swedish or English is mandatory, other language skills are an advantage.

What we are offering for you

- Interesting position in an innovative, fast-growing company with a great team spirit
- A fun and constantly changing work environment with skilled colleagues and exciting projects with new technologies
- A dedicated team within a global organization
- Short decision-making processes supporting an efficient working environment
- Attractive possibilities for self-development and career progression
- Competitive compensation package

Next steps

If this position is of interest, please send us your application including a CV. Interviews are being held on a current basis, please send in your application as soon as possible.

Johan Bostedt

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