



Job Title: R&D Design Engineer

Department: Research & Development

Reports To: VP, Research & Development

CeQur® Corporation develops and commercializes a discrete, simple-to-use and wearable insulin delivery device that easily integrates into patients' daily lives. CeQur Simplicity™ is a 3 Day Insulin Patch designed to reduce the barriers and challenges of multiple daily injections to enable people with diabetes to achieve glycemic targets. CeQur Simplicity™ is FDA cleared and CE marked.

At CeQur, we aim to provide solutions to people with diabetes that are profoundly simple and clinically effective. We are gaining tremendous momentum already and have built a leadership team and board that comprises of accomplished and respected industry experts. We are looking for like-minded A+ team players to join our team to help make a difference and build a legacy while driving penetration of our therapies. CeQur values a collaborative and creative mindset, where each team member is encouraged to contribute to our processes, decisions, planning and company culture.

Position Overview:

CeQur is currently seeking a hands-on mechanical engineer (junior or senior level) responsible for designing and developing complex mechanical drug-delivery systems. The work involves concepts development, prototypes testing and successful transfer of designs for high-speed, high-volume automated manufacturing. The position will work closely with the manufacturing, supply chain and quality teams to ensure that design specifications are met. To be a successful mechanical engineer, you should be mathematically and mechanically minded and have strong analytical and critical thinking abilities. You should be able to find creative solutions to technical problems.

Responsibilities:

- Hands-on execution of Design For Manufacturing (DFM) and design improvement projects.
- Develop designs using SolidWorks. Conduct tolerance stack-up.
- Develop requirements, test methods, fixtures and conduct tests to verify designs.
- Conduct failure analysis on devices to determine root cause(s) and identify and suggest corrective actions.
- Create concepts and develop prototypes.
- Oversee the development of physical prototypes.
- Document the design process, iterations and test analytics.
- Perform design transfer to manufacturing.
- Expert knowledge in two or more manufacturing areas: injection molding, extrusion, ultrasonic welding, laser bonding, thermal bonding, adhesive bonding, insert molding, coatings, polymer surface modifications and 3D printing.
- Manage project timelines, resources and budgets.
- Prepare technical reports and design specifications documents.
- Contribute to inventions, new designs and techniques regarded as advances in the drug delivery systems.



Education and Experience Minimum Requirements:

- Bachelor's degree in mechanical engineering. Advanced degree preferred.
- A minimum of 2 years of experience as a mechanical engineer in the Medical Device, Pharma, Biotech, Automotive or Aerospace Industry.
- Expertise in SolidWorks, GD&T, Minitab and Microsoft Office suite.
- A six-sigma certification is a plus.
- Sound knowledge of design and engineering principles and best practices.
- Experience in the use of any commercial finite element analysis (FEA) software is strongly preferred.
- Strong analytical and problem-solving abilities.
- Exceptional time management and organizational skills.
- Excellent verbal and written communication abilities.
- Ability to work in a fast-paced, team-orientated start-up environment.
- Travel 10-20%.