

At Our Core: Success through Teamwork

Milestone Knitted Fabric Delivered under Compressed Timelines and Rigorous Engineering Demands

Cortland Biomedical was recently asked by a large medical device manufacturer to produce a critical component in their supply chain. For this request, Cortland Biomedical was tasked with creating a knitted fabric design and submitting samples to support the client's biological testing and qualification process on a highly truncated timeline.

The scale and scope of the work required was extensive. Furthermore, due to the client's own internal and FDA regulatory challenges on this product, the Cortland team was asked to compress its initially proposed timeline by eight weeks. Our team reviewed the requirements and developed a schedule that would allow them to meet the client's requested delivery date.

In order to support the medical device manufacturer's requirements, Cortland Biomedical's product development team had to write, execute, and provide documentation for every piece of equipment used in the manufacturing process. Our team further had to write and approve equipment and process work instructions, control charts, routing sheets and safety guidelines for each process step. They were asked to design an entire new set of manufacturing tooling and fixturing, which needed to be conceived of and communicated to outside vendors for fabrication and receipt – all on a truncated timeline. Our team was also required to develop a manufacturing process that could demonstrate repeatability to the customer. And finally, they were asked to execute all of the processes to produce multiple runs of deliverable product to the client to support their qualification process.

Our team worked together very closely to develop and manage a GANTT chart, manage daily priorities, identify and task outside vendors, and report on a daily basis to ensure success in meeting the date. The task list had several hundred critical action items, each one with the potential to cause a cascading impact on the overall schedule. Our team worked cohesively and aligned to meet the client's expectation.

Ultimately, through exceptional inter-departmental coordination and excellent teamwork, Cortland Biomedical was able to meet all of the client's requirements and deliver the product to them for the requested deadline. This milestone deliverable instilled confidence in the client that Cortland Biomedical can rise to an extremely difficult challenge and deliver as expected.



Custom Critical Component Design

A large medical device manufacturer asked Cortland Biomedical to produce a critical component in their supply chain.



Truncated Timeline

Our team was asked to compress the initially proposed timeline by eight weeks and delivered on-time.



Qualification Process and Compliance

Our team had to document all equipment and processes, design new tooling and fixturing, and develop a manufacturing process that could demonstrate repeatability to the customer.

Want to learn more? Call us at (607) 218-3542 or email info@cortlandbiomedical.com