

From development to deployment in six months flat

Challenge

In today's medical device marketplace, timing is everything. So when a company needed to develop and manufacture a surgical device that would improve ease of use over existing models and eliminate failure modes – and needed delivery of the product within a very short lead time, they turned to us.

Action

Serving as an extension of the customer's project team, we worked closely with the company to optimize the product development and manufacturing process. We were able to recommend multiple material options for prototyping, build prototyping tools within 10 days and refine the product design through revisions to the prototype tools. This saved significant time and expense on production tooling. Weekly face-to-face team meetings kept both companies in sync and updated on key tasks.

Result

Success! Our vertically integrated, under-one-roof capabilities enabled the customer to use resources efficiently and reduce decision-making time. Within six months, we went from development through full validation with production launch quantities. The project launched on time, just as planned.

Capabilities used

- Product development
- DFM
- Prototyping
- Production tool build
- Injection molding
- Precision machining
- Secondary operations
- Assembly & packaging
- Process validation



Deliver your medical device promise

We make products that sustain – and save – lives.

We manufacture medical devices and components. That's all we do. And we do it with the utmost precision, consistency and rigor, because for you – and your customers – quality is essential. Reliability is a must. And delivering on what's promised is vital.

Learn more about how we can help bring your medical devices to market – with confidence.

- Contact **+1.651.633.4200**
- Visit **spectrumplastics.com**

"The dedication of your prototyping team and program manager was critical to our successful product launch. The first doctor to use the device said he 'absolutely loved it'. Great job by all!"

– Sr. Engineering Program Manager for OEM