

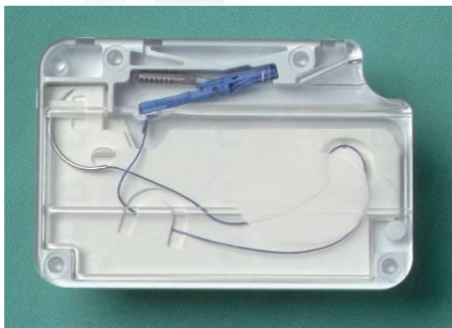


Medical Market Case History

Learn how GW Plastics designed and brought a new Endo-suture System into production

When it comes to molding and manufacturing precision medical devices, there is little room for error. Couple that with a combination of different materials – all designed to work together in close tolerance applications – and the challenge to deliver the goods gets even more demanding.

That's why a leading Fortune 500 medical device manufacturer turned to GW Plastics to help design and bring its new Endo-suture System into production. The process was a rigorous one, involving 12 parts molded in engineering resins such as PC, GF PC, LCP, and 40% and 60% glass-filled nylon. GW engineers worked closely with the customer's product team to ensure manufacturability of the device, incorporating the latest precision gear technology, the use of mold cavity pressure transducers for real time process monitoring and the validation of aluminum tooling to start production. They also developed and built the 10 production molds to manufacture the device – all within the 10 -14 week timeframe specified in the contract.



Unit case is made of clear and opaque polycarbonate. The high-precision tip is molded in LCP in three colors to distinguish suture size.

The GW Plastics engineering team is very proud of what they accomplished with the Endosuture Unit. "Our design and production capabilities were put to the test with some very tight tolerances. Our Program Management put us on target and on budget. And we delivered a great product. It doesn't get any better than that!" Find out how GW Plastics can work for you.

Give us your next challenge.

Let's innovate together.

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