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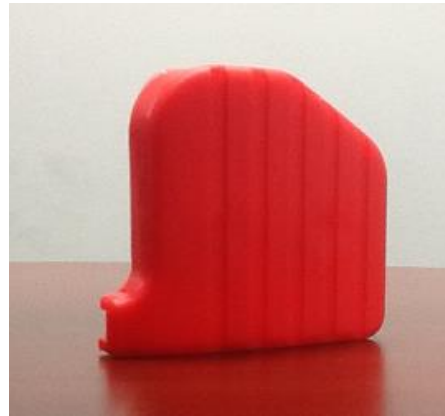
## Case Study: Molded Plastic Parts for Medical Devices

A leading North American manufacturer of hospital beds wanted to reduce costs by replacing metal components with plastic parts. [Elasto Proxy](#) sourced solutions from an overseas supplier, saving the medical device maker money and ensuring on-time deliveries. Today, Elasto Proxy supplies injection-molded plastic parts made from as many as 18 different molds for each hospital bed.

These components are not especially complex, but the savings on tooling is significant. Elasto Proxy's [supply chain strength](#) and [commitment to quality](#) help, too. Instead of paying for a year's worth of parts all at one time, the hospital bed manufacturer can order quantities several times a year. To ensure quality, Elasto Proxy inspects the components carefully and ensures that they meet all requirements.

### Pedal Pads

The pedal pads that Elasto Proxy supplies are made of strong but lightweight ABS plastic. Thanks to [Pantone coloring matching](#), the pedal pad that unlocks the hospital bed is colored green for "go". To help users distinguish pedal functions, the part that helps bring the bed to stop is colored red. Both of these cost-effective, foot-driven components are designed to withstand numerous cycles.



## Delrin® Rollers

[Elasto Proxy](#) also supplies the hospital bed manufacturer with Delrin® rollers that can support patients weighing up to 300 lbs. An engineered thermoplastic, polyoxymethylene (POM) provides high stiffness, low friction, and excellent dimensional stability. Using Pantone color matching, these low-cost plastic rollers are colored gray to match the expensive metal that's used on the hospital beds.

## Slide-On Parts and Bed-Mounted Holders

In addition to pedal pads and bed rollers, Elasto Proxy supplies the medical device maker with plastic parts that slide over metal edges. The [custom fabrication](#) specialists also provide bed-mounted holders for patients and medical staff to use. With Elasto Proxy's robust sourcing capabilities, molded plastic parts for medical devices means saving money and increasing supply chain strength.



## About Elasto Proxy

Elasto Proxy designs and custom fabricates specialty seals, thermal and acoustic insulation, vibration dampening products and materials, EMI shielding, and other high-quality rubber and plastic parts. By listening to all of your requirements and analyzing all of your needs, Elasto Proxy's solutions providers can recommend solutions that are right for your application. [How can we help you?](#)