

Ergonomic Suturing Device

This project investigated the shortcomings of the hemostats currently in use in the medical industry. The use case for the hemostats is suturing human tissue. The current designs are functional but not user friendly. Feedback from medical professionals include “ The product should be able to hold for long periods of time without fatigue.”,”The product should fit comfortably in one’s hand so that the current suturing techniques can be used to accurately and efficiently suture” and similar suggestions. This student project was undertaken by junior and senior product design and manufacturing engineering students. Several prototypes will be displayed.