



PROJECT PROFILE

ERGONOMIC BODY SUPPORT PRODUCTS

CLIENT CHALLENGES

This world class medical manufacturer develops ergonomic body support products. They had a requirement to create and develop several viable new products to expand and accentuate their leading brand of ergonomic body support offerings. The client required assistance in completing their vision and fully developing their product line. The new products were designed to satisfy niche markets identified by the client's marketing department.

SOLUTION

Medically sensitive ergonomic industrial design was delivered to the customer's specific design expectations. The following tasks were performed to successful project completion:

- Conceptual design
- Materials investigation and sourcing especially molded foams and gelfoams
- Prototype CAD modeling
- Proof of Principle (POP) models

PROJECT HIGHLIGHTS

The project was delivered within desired timelines and on budget due to:

- Experience with complex surfacing modeling
- Injection molding knowledge
- Product innovation and the understanding of the development process

The project results gave the client confidence to:

- Create four unique new product offerings
- Proceed to production with supplied CAD data
- Effectively penetrate their niche target markets

