



CASE STUDY



PROTOTYPES THAT LOOK & PERFORM LIKE THE REAL THING

Process: SLA, Silicone Tooling, Urethane Casting & Finishing

Lymphease is a patented medical device for the self administered treatment of Lymphoedema.

Challenge:

Lymphease was developed for CT Healthcare Pty Ltd with the help of Proen Design and Professor Neil Piller. To generate sales interest several prototypes were needed to showcase the design and function of the device.

Solution:

Proen required prototypes that would look, feel and perform like the real thing. Using silicone tooling and vacuum casting we produce prototypes that allowed Proen to physically validate the CAD, perform "hands on" design verification and undertake overseas marketing to generate sales interest.

Results:

Lymphease's design incorporated a rubber over-moulded handle, fine detailed graphics, functional button and clear lens. Vacuum casting provided economical, functional and aesthetic models using a range of polyurethane materials that have been specially formulated to simulate production grade plastics and provide Proen with a prototype that would impress.

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