

Prosthetic Additions

Molded Distal Cushion

A molded distal cushion is located at the bottom of the soft insert. It provides protection for the distal end (bottom) of the residual limb. It also allows the prosthetist to adjust the fit of the socket with respect to anatomical changes in the residual limb.

Alignable System

In an alignable system the prosthesis has movable parts to allow for rotation, height/length adjustment, and linear and angular changes of the prosthesis.

Ultralight Materials

Ultralight materials are used in the fabrication of a finished prosthesis. This refers to using the lightest and strongest materials available, such as acrylic resin, carbon fiber, fiberglass, and titanium.

Total Contact

Total contact refers to all surfaces of the residual limb touching the inside of the prosthetic socket or soft insert. This does not mean that there will be equal weight bearing on all surfaces of the limb; however, this contact is crucial for controlling the volume of the limb and protecting the skin. Without this contact, the patient may develop conditions that require medical attention.

Acrylic Socket

Acrylic socket is a term that refers to the type of resin used to fabricate a definitive prosthesis. An acrylic socket is light weight and very durable.



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