

Suspension Locking Mechanism: Attachment Pin & Lock Body for Upper Extremity

Suspension locking mechanism is a term used to describe the way the prosthesis will be attached to the patient's residual limb. The two most commonly used types of suspension locking mechanism are the attachment pin and lock body, and the lanyard strap. The attachment pin and lock body method is often used by transradial (below elbow) amputees. A pin is attached to the distal (bottom) end of a silicone or urethane insert. As the patient dons (puts on) the prosthesis, the pin is inserted into a lock in the bottom of the prosthetic socket. The prosthesis is removed from the patient's body by pushing a button on the outside of the socket to release the lock.



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