

Variable Control Suprapatellar Preparatory Socket (VCSPS™)

Moving beyond traditional prosthetic limitations, the biomechanically-engineered VCSPS™ and the Universal Frame Outer Socket (UFOS™) create new possibilities for patients about to be fitted with a lower-extremity prosthesis for the first time. The VCSPS™ is used when unlimited knee motion is desired.

This one-piece preparatory socket allows free knee flexion, offers a distal AP closure strap, continues control of distal tissue and maintains the internal sensory feedback the patient has become accustomed to. When fitted into the UFOS™, it provides each patient with opportunity for preparatory independent ambulation.

The smooth outer shell allows the patient to use the socket as a protective device in bed, or while using alternative ambulatory assistance, without causing a friction or abrasive injury to the surgical incision. The easy and wide opening clamshell design allows the residuum to be gently placed in the socket or removed without stress to bulbous tissue. The firm outer socket design also prevents wound deprivation caused by impact injuries. Anatomic cutouts, on the medial and lateral sides of each VCSPS™, allow the socket to be fitted to the contours of each residuum. Adjustable Velcro® brand-compatible neoprene bands, and straps provide gentle management and control of fluids during rehabilitation.

Sizes will fit distal tibial circumference measurements of 11" to 25", and are available in 7" and 9" lengths. We offer Prosthetists 16 pre-fabricated preparatory trans-tibial VCSPS™ sockets, to fit most trans-tibial amputees. Sockets include all straps, bands and foam distal end pads.

Custom sockets can also be fabricated from your measurements. We make every reasonable effort to ship Custom orders within 24-48 hours, making the benefits of the VCSPS™ available to most trans-tibial amputees.



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