

Vacuum Assisted Suspension

Daily volume fluctuations of the residual limb cause an inconsistent fit of the prosthesis for many amputees. By using vacuum assisted suspension, this can be better controlled. In this suspension style, vacuum is introduced into the sealed socket by an external vacuum pump. This pump produces up to 24 mm/hg of negative pressure to provide one of the best forms of positive suspension available to lower limb amputees. This often results in better limb health and more stable limb volume.



Photo courtesy of Otto Bock Healthcare



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