

Below Knee Prostheses

There are many types of below knee prostheses. The type that an amputee is fit with depends on the shape of the residual limb, activity level, prognosis, and individual preference.

First, the socket design is determined. The three main types of socket designs are:

- PTB or Patella Tendon Bearing (see below)
- [3S or Silicone Suction Suspension](#)
- [Vacuum Assisted](#)

PTB or Patella Tendon Bearing

A patella tendon bearing socket allows the user to put weight on areas of the limb that can tolerate pressure, such as at the patella tendon (directly below the knee cap), and keeps the limb from bearing weight on areas which can cause problems such as on the very bottom of the limb. Almost all below knee amputees are candidates for the PTB design. In order to wear a PTB socket design, a method of suspension must be used to keep the prosthesis on the user's limb. The most common methods of suspension with a patella tendon-bearing socket are:

- [SC or Supracondylar](#)
- [SCSP or Supracondylar Suprapatellar](#)
- [Suspension Sleeve](#)
- [Suprapatellar Cuff and Waist Belt](#)
- [Joint and Corset](#)

<p>Arlington Heights 617 E. Golf Road, Suite 108 Arlington Heights, IL 60005 847-437-3929</p>	<p>Bannockburn 2101 Waukegan Road, Suite 104 Bannockburn, IL 60015 847-444-0690</p>	<p>Lincoln Park/Chicago 2551 N. Clark St., Suite 200 Chicago, IL 60614 773-472-3663</p>	<p>Rush/Chicago 1725 W. Harrison St. Suite 220 Chicago, IL 60612 312-942-2011</p>	<p>UIC/Chicago 1740 W. Taylor St. Room C100 Chicago, IL 60612 312-996-6450</p>
<p>Hickory Hills 8641 W. 95th St. Hickory Hills, IL 60457 708-599-8336</p>	<p>Naperville 1551 Bond St., Suite 111 Naperville, IL 60563 630-637-4638</p>	<p>Oakbrook Terrace 1S376 Summit Ave., Ct. E Oakbrook Terrace, IL 60181 630-424-0392</p>	<p>Oak Park 401 Harrison Street Oak Park, IL 60304 708-383-2257</p>	<p>Schererville 6629 W. Lincoln Hwy. (Rt. 30), Suite 1 PO Box 507 Schererville, IN 46375 219-864-9501</p>
