

BETTER MOTION, EASIER EVERYTHING!

Proteor 1K52 - Transfemoral Rotator



What are the benefits of a Transfemoral Rotator?

The Proteor Transfemoral Rotator makes it possible for transfemoral and hip disarticulation amputees to rotate their shank about the knee. This gives the user easy access to their foot, allows for comfortable foot-placement in small spaces, and allows the user to easily cross their legs while navigating their daily lives.

Why do transfemoral or hip disarticulation patients need a Transfemoral Rotator?

For transfemoral or hip disarticulation patients, combined movements essential to daily living (e.g. the combination of hip-flexion, outer-rotation of the hip joint and knee-flexion necessary to put on shoes) can be difficult. This is due to the amputation itself combined with the rigidity of the entire prosthetic device. The transfemoral rotator compensates for this lack of combined movements.

PRODUCT NUMBER	TH	BH	PROXIMAL CONNECTION	DISTAL CONNECTION	ROTATION	L-CODE	ACTIVITY	MAXIMUM WEIGHT OF THE PATIENT	MATERIAL
1K52	35.5 mm	21 mm	PYRAMID	PYRAMID RECEIVER	360°	L5984	1-4	275lbs.	STAINLESS STEEL+ ALUMINIUM

The transfemoral rotator allows for/facilitates:

- Putting on/taking off shoes
- Putting on/taking off socks
- Putting on/taking off pants
- To easily enter and exit a vehicle
- A more comfortable sitting position by providing the possibility to cross legs or to shift the prosthesis out of the way
- A more comfortable sitting position in confined spaces (e.g. in the plane, vehicle, work space)
- The ability to sit on the ground with crossed legs

Thus, independence and self-esteem of the patient are increased.



MORE SECURITY

The transfemoral rotator enhances security when driving:

- The prosthesis can be shifted out of the way. This allows the pedals to be operated using the opposite leg without restriction or interference from the prosthetic limb.
- The transfemoral rotator allows the patient to sit in a more comfortable and relaxed position thus focusing more on their driving than their discomfort.

PREVENTION

- The leg/residual limb can be brought into a relaxed sitting position by swinging the prosthesis to the side thereby preventing the development or aggravation of hip flexion contractures. Contractures negatively effect movements and thus create unnatural loads which in turn lead to an overloading of the locomotor system resulting in secondary damage such as back pain etc.
- The transfemoral rotator compensates for the lack of combined movements, e.g. the combination of hip flexion, outer rotation of the hip joint and knee flexion necessary to put on shoes. Thus shoes, socks and pants can be put on without unnecessary back strain. Patients without transfemoral rotator are forced to compensate the lack of this combined movement via flexion of the lumbar spine putting themselves into a stressed position.

SPECIFICATIONS

- Pressing the release button provides free rotation of the upper part of the prosthesis relative to the lower one
- 360° free rotation
- Automatic re-locking in initial position (the system is re-aligned)
- Male pyramid proximal connection with female receiver distal connection
- Low-profile 21mm build height