

CROSS™

Semi-rigid Hyperextension Knee Orthosis

Article No. 28715



Functional and easy to use

CROSS™ is intended for mild to moderate knee hyperextension due to neuromuscular diseases or other injuries. The brace can also be used together with Allard AFOs when knee hyperextension is present together with foot drop.

1. **Silicone band**
Strategically placed to prevent migration.
2. **Patella opening**
Anatomically shaped patella opening with silicone buttress.
3. **Adjustable ROM stops**
Flexion: 45°, 60°, 75°, 90°
Extension: 10°, 20°, 30°, 40°
4. **Condyle shells**
Self-contouring Condyle shells
5. **Pre-flexed shape**
The pre-flexed anatomical shape fits the contours of the leg to provide comfortable fit when the orthosis is used with an ankle- foot orthosis.
6. **Wide lower strap**
The Wide lower strap prevents the rigid uprights from moving backwards as hyperextension resistance is adjusted.
7. **Reinforcement stays**
The anatomically shaped reinforcement stays provide guidance for user to properly align the support.
8. **Easily adjust resistance**
The amount of hyperextension resistance is easily adjusted with one hand.



Functional combination

Knee hyperextension and foot drop

CROSS is developed and designed to function together with an Allard AFO (Ankle-foot-orthosis). No straps or buckles intervene with the composite orthosis. The cross on the back stabilizes knee hyperextension.

CROSS can be used with any Allard dynamic response AFO. Choose from any model of:

- Ypsilon®
- ToeOFF® (pictured)
- BlueROCKER®



Thin, breathable, lightweight material

The unique construction of the wide upper cuff keeps the orthosis open so foot and leg slide easily into the brace. The user can easily grasp the wide cuff and pull the orthosis up and adjust so patella opening is properly located over the knee.

Ultra-smooth low friction liner with no visible seams

The liner provides a protective layer between the outer material and the skin. It helps prevent skin irritations and enables the orthosis to glide easily over the foot and up over the knee.

One-hand donning

The unique CROSS donning aid, included with each CROSS orthosis, makes it possible for users with limited balance to don the orthosis by themselves while in a seated position. It also assists users with hemiplegia or limited hand dexterity to apply the orthosis with one hand.

How to use the donning aid

The donning aid is easily inserted into an opening in the posterior semi-rigid thigh cuff (location easily identified with a grey binding tape).

- When all straps are released, the orthosis is pulled on with the hyperextension strap facing front.
- Once the sleeve is pulled over the foot, the smooth fabric liner makes it easy to turn the orthosis and pull up the leg until the patella opening is properly located over the knee.



Scan or click for sizes and measurements!

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Support for Better Life

Everyone should be able to live their life to the fullest, regardless of their mobility challenges. With innovative solutions developed in close collaboration with healthcare professionals and patients, we strive to provide Support for Better Life.

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