CROSS™ Knee Orthosis for Hyperextension Control

CROSS™ is a semi-rigid knee orthosis intended to be used when knee hyperextension in the knee joint is present. CROSS™ was developed and designed to function together with an Allard AFO (Ankle-foot-orthosis). No straps or buckles that intervene with the composite orthosis. The cross on the back stabilizes knee hyperextension.

The unique design makes it easy to put on and take off using only one hand. The orthosis has an ultra-smooth low friction liner with no visible seams that prevents skin irritation. The soft inside helps the orthosis to glide easily over the foot and up over the knee. To prevent migration the orthosis has a strategically placed silicone band.

The reinforcement in the upper wide cuff keeps the orthosis open so the foot and leg slide easily into the brace. This will help users with limited function put on the orthosis with only one hand. The “donning aid” further assists users with limited balance to guide the orthosis over the foot and pull it up on the leg.

CROSS™ has adjustable ROM stops. Flexion: 45°, 60°, 75°, 90° degrees and Extension: 0°, 10°, 20°, 30°, 40° degrees.

Recommended Range Of Application

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.

Measurements

Measure 1: 15 cm (6in) below patella
Measure 2: Mid-patella
Measure 3: 15 cm (6in) above patella

Item No.	Product Description	Size	Knee Measurement 1	Knee Measurement 2	Knee Measurement 3
287150011	CROSS™ Knee Orthosis	Small	32-37cm / 13-15in	32-37cm / 13-15in	39-44cm / 15¼-17¼in
287150012	CROSS™ Knee Orthosis	Medium	36-41cm / 14-16in	36-41cm / 14-16in	43-48cm / 17-19in
287150013	CROSS™ Knee Orthosis	Large	40-45cm / 15.75-17.75in	40-45cm / 15¾-17¾in	47-52cm / 18½-20½in
287150014	CROSS™ Knee Orthosis	X-Large	44-49cm / 17¼-19¼in	44-49cm / 17¼-19¼in	51-57cm / 20-22½in
287160000	Donning Aid	One Size	-	-	-