

## 20.50 Design

The 20.50 is the only brace to provide maximum function in flexion. It uses an inflatable and adjustable bladder to dynamically support the patellofemoral joint as the knee moves between 20° and 50° of flexion. Increasing the pressure on the lateral border of the patella, during flexion, maintains normal tracking and reduces the risk of additional injury, subluxation or dislocation for severe patellofemoral joint conditions. Once past 50° and into deep flexion, the brace relaxes allowing a full range of motion. The 20.50 is lightweight, low profile and built to work with the body and not interfere with daily activities.

## 20.50 Patellofemoral Knee Brace

Specifically designed for patients with recurrent patella subluxations and dislocations, the buttress offers the most support between 20° and 50° of knee flexion. This dual upright brace comes prefabricated in a 12" (30 cm) magnesium frame, and can be customized to a 14" (36 cm) aluminum frame.

### Common Examples of Use

- Injuries / Hereditary diseases to the soft tissues of the quadriceps complex
- Subluxations / Dislocations to the quadriceps complex

### Features

- Dynamic design applies increased lateral pressure between 20° and 50° of knee flexion
- Pneumatic air bladder over a trimmable lateral buttress
- Lightweight magnesium
- Pneumatic patellar pad allows patients to adjust for their desired level of support
- Pivoting straps aid in preventing brace migration
- Quick-release buckles
- Up to 8° of load available on OA versions

Description	Part #
20.50 Custom	AG060050
20.50 OA, Custom	AG060054
20.50 Extended, Custom	AG060052
20.50 Extended, OA, Custom	AG060055
20.50 Standard	PF010YXX

XX = See size chart.

Y = Left 1, Right 2

CE Marking

Description	Part #
<b>Accessories</b>	
Condyle Pad Thin (Pair)*	CK004011
Condyle Pad Thick (Pair)	CK004046
20.50 Custom Strap Kit	AG060053
20.50 Custom Pad Kit	AG060051
20.50 Strap Kit	PF041YXX
20.50 Pad Kit	PF040YXX
Pad Fitting Kit	CK004012

\*Come standard on brace.

### 20.50 Patellofemoral Size Chart

Size #	Size	Thigh Circumference	Calf Circumference
XX = 01	XS	13.5" – 16" (34 – 41 cm)	11" – 12.5" (28 – 32 cm)
XX = 03	S	16" – 18.75" (41 – 48 cm)	12.5" – 14" (32 – 36 cm)
XX = 05	M	18.75" – 21.5" (48 – 55 cm)	14" – 15.5" (36 – 39 cm)
XX = 07	L	21.5" – 24.25" (55 – 62 cm)	15.5" – 17" (39 – 43 cm)
XX = 09	XL	24.25" – 27" (62 – 69 cm)	17" – 18.5" (43 – 47 cm)
XX = 11	XXL	27" – 29.5" (69 – 75 cm)	18.5" – 20" (47 – 51 cm)

Thigh circumference measure 6" (15 cm) above mid-patella. Calf circumference measure 6" (15 cm) below mid-patella.



Custom color shown

Description	Part #
<b>Accessories</b>	
Y-Pad Accessory (does not include Air Bladder) <sup>1</sup>	PF00100X
Air Bladder (goes inside Y-Pad)	PF000003
Hand Pump for Air Bladder	AL030500
Buckle Kit, 1" – 1.5" Large 2 BTN	KT000002

<sup>1</sup>XS/SM (X = 1), M/L (X = 5), XL/XXL (X = 9)

## Other Accessories (Knee Patellofemoral)

Description	Part #
Buckle Kit, 1" – 1.5" Large 2 BTN	KT000002

Product can be used on Ankle Axiom, 20.50, Elbow Brace and Thruster RLF.