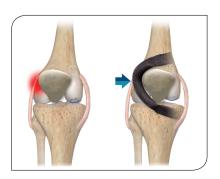


3 Point Leverage - Medial or Lateral Unloading



Q Strap - Patella Alignment

# Combines Unloading in the Tibiofemoral Joint with Realignment in the Patellofemoral Joint

**Tibiofemoral**: The OA Spiral uses a three-point leverage system and a non-elastic strap to pull the knee out of varus or valgus and decrease pain.\*

**Patellofemoral**: Among patients with tibiofemoral OA, 91% also have radiographic patellofemoral OA.\*\* BioSkin's Q Strap has been clinically proven to decrease pain in the PF joint by supporting proper patellar alignment and increasing joint surface contact.\*\*\*

<sup>\*\*\*\*</sup> Callaghan, M. et al. "Beneficial effects of a brace for patellofemoral OA: results of a randomised trial" Osteoarthritis and Cartilage vol. 21 (2013): 523



<sup>\*</sup> Petersen, Wolf et al. "Biomechanical effect of unloader braces for medial osteoarthritis of the knee: a systematic review (CRD 42015026136)" Archives of orthopaedic and trauma surgery vol. 136.5 (2016): 649-56.

<sup>\*\*</sup> Duncan R, Hay EM, Saklatvala J, Croft PR. Prevalence of radiographic osteoarthritis: it all depends on your point of view. Rheumatology (Oxford). 2006;45(6):757–760.



#### Ease of Use

- Wrap-around design Easy to apply for patients with limited dexterity
- Donning sleeve Holds brace in place during donning so patient has both hands to apply the rest of the brace
- Magnetic buckles Allows for fast and easy application and removal after initial fitting

#### **Exceptional Comfort**

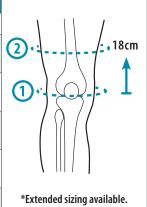
- Adjustable sizing The wrap-around design allows for considerable adjustability in fit, accommodating larger thighs or calves
- Contoured cut The OA Spiral is designed with a unique shape to fit the contours of almost any leg and prevent bunching behind the knee
- Proprietary materials Breathable, light and hypoallergenic materials help keep the skin dry, healthy and comfortable

### **Benefits of Compression**

- Biomechanical improvement Studies measuring the impact of compression on osteoarthritic knees show that compression improves frontal plane biomechanics in the knee and improves basic movement
  - **Improved proprioception** Research has shown that compression improves proprioception, lowering the chance of injury and yielding improved coordination and balance
- Enhanced Pain Relief Scientists have observed a significant decrease in pain levels after a compressive sleeve is applied to osteoarthritic knees

## **Ordering Information**

Part #	Description	Size		
			1	2
51501L	Left Medial / Right Lateral	S	33 – 36 cm	46 – 51 cm
51501R	Right Medial / Left Lateral			
51502L	Left Medial / Right Lateral	М	36 – 41 cm	51 – 56 cm
51502R	Right Medial / Left Lateral			
51503L	Left Medial / Right Lateral	L	41 – 43 cm	56 – 64 cm
51503R	Right Medial / Left Lateral			
51504L	Left Medial / Right Lateral	XL	43 – 46 cm	64 – 71 cm
51504R	Right Medial / Left Lateral			
51505L	Left Medial / Right Lateral	XXL	46 – 54 cm	71 – 81 cm
51505R	Right Medial / Left Lateral			





**Special Features** 



**Quick Release Magnetic Latch** 



**Compressive Donning Sleeve** 



**JO RICE** 

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