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Functional knee orthosis

(even in a short version)

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LIGAMENT INJURIES

The integrity of the ligaments is the basic prerequisite for the **proper functioning of the knee joint**. Ligament injuries can be caused by:

DIRECT TRAUMATIC EVENTS:

- Caused by lateral force applied to the joint while the foot is planted on the ground. This maneuver can injure the anterior cruciate ligament (ACL), medial meniscus, and medial collateral ligament (MCL), resulting in the so-called “unhappy triad.”

INDIRECT TRAUMATIC EVENTS:

Injuries caused by:

- External rotation in valgus / internal rotation in varus
- Hyperextension
- Sudden contraction of the quadriceps with a flexed knee

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WHEN TO USE THE BRACE?

1. Injuries (instability and ruptures) of individual ligaments
2. Before or after surgery
3. Support for conservative therapy

EFFECTIVENESS OF THE 4-POINT PRESSURE SYSTEM

The **4-point pressure system** ensures effective support action, optimally stabilizing the knee joint.

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Lightweight and comfortable, yet stable and effective

ANTI-SLIP FRAME PADDING:

hypoallergenic **multi-grip coating**, easily removable and washable

DESIGN: STABILITY AND LIGHTNESS

frame made of a special aluminum alloy

INDEPENDENT CLOSURE STRAPS

individually removable, maximum comfort with seamless and glue-free **MTP padding**

ANATOMICAL CONDYLAR PAD

naturally adheres to the joint

SET OF CONDYLAR PADS

Never seen such an easy to wear brace

CLICKCLACK JOINT

Quick flexion-extension adjustment without screwdriver

Extension: 0°, 10°, 20°, 30°, 40°

Flexion: 45°, 60°, 75°, 90°

Lock: 0°, 10°, 20°, 30°

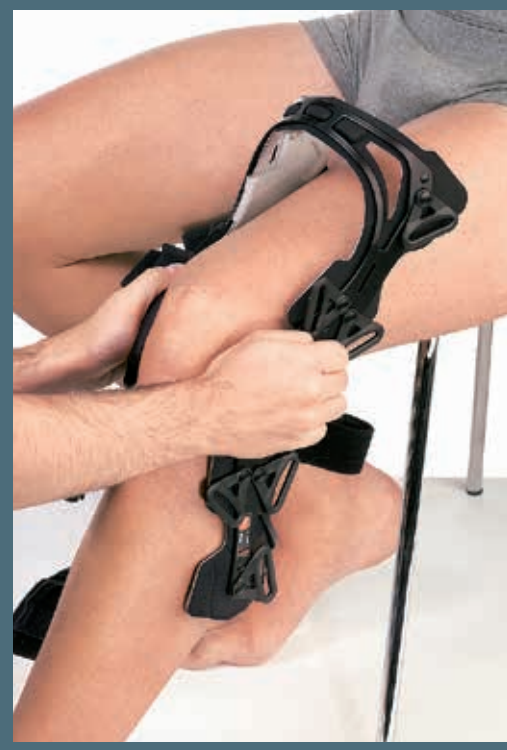
Open the joint by sliding the two shells laterally

Remove the locking pins, **replace** the wedges according to the flexion/extension degree prescribed by the doctor

Reinsert the locking pins and **close** the two shells until they click

CLOSURE SYSTEM: ADAPTABILITY AND PRACTICALITY

Rotating buckles made of flexible polymer with end-stop mechanism



QUICK TO APPLY AND ADJUST

Thanks to the easily moldable frame and flexible buckles

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REF.33040 Functional knee brace
REF.33030 Functional knee brace, short version

Code	REF.33040 / REF. 33030				
Size	S	M	L	XL	XXL
Thigh circumference measured 15 cm above the center of the kneecap	39/47	47/53	53/60	60/67	67/75
REF.33030 lengths cm	36,5	36,5	36,5	36,5	36,5
REF.33040 lengths cm	40	40	40	40	40
Color	black				

Specify: Right or Left

Indications

- Instability and ruptures of ACL, PCL, MCL, LCL, or combined
- Complex, traumatic, or degenerative knee instability
- Pre/post-operative, rehabilitative, or conservative treatment of the above injuries
- Ligament protection during sports activities

Contraindications

- Currently none known

SINGLE PATIENT MULTIPLE USE · PATENTED · ANATOMICAL FIT · EASY ADJUSTING · EASY FASTENING · LOW PROFILE · CUSTOMIZABLE FIT

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