

## Two orthoses for a stable knee The GenuSupport and GenuSupport.frontal





## For a life in motion

Incorrect or excessive stress, torn ligament or dislocation: Knee pain and injuries can have many reasons and causes. This can sometimes be triggered by harmless movements such as a wrong step when climbing stairs, but often also by serious injuries during sport. In most cases, the cruciate ligament is affected; in Germany solely, the tear of the cruciate ligament is reported about 80,000 times per year. Subsequent surgical intervention is unavoidable, and for those affected, it is a long road back to a mobile everyday life.

The two hard frame knee orthoses, GenuSupport and GenuSupport.frontal, provide effective support in such cases to quickly regain the stability lost. They secure and guide the joint using the 4-point principle, are made of lightweight, high-quality material and are equipped with comfortable padding for maximum wearing comfort.

## Strong hold, easy handling: The GenuSupport and GenuSupport.frontal

The hard frame knee orthoses GenuSupport and GenuSupport.frontal are used for therapy after surgery and support the healing process after indications such as ruptures of the cruciate ligament and accompanying or isolated injuries on the collateral ligaments and menisci. They fulfil all requirements of orthopaedic technicians and patients with their numerous features.

In contrast to its previous model, the new GenuSupport.frontal can be installed frontally. This also provides optimum support for bedridden patients.

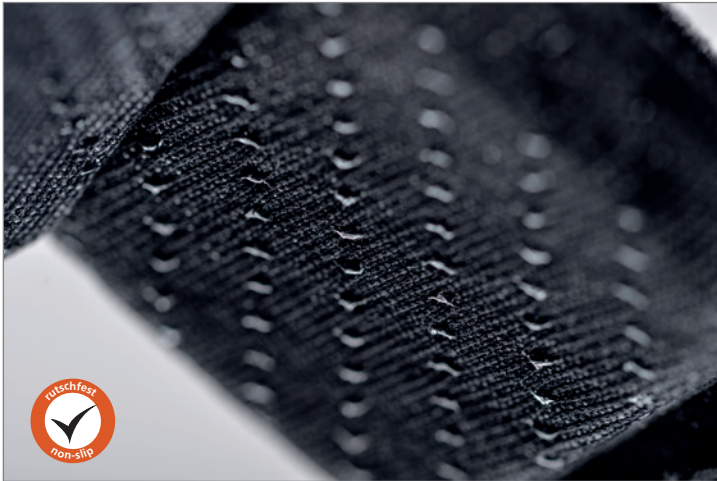


### Light weight with high wearing comfort

Thanks to the high-quality aluminum-magnesium alloy of the metal frame, the orthoses are particularly light but also very stable and torsion-resistant.

The open-work design in the metal frame not only gives an airy, light look – it also makes manual adjustment to the individual leg circumference easier. The sleek titanium grey and the black colouring round off the elegant design.

The profiled pads fit perfectly into the grid structure of the hard frame knee orthoses. This ensures a stable positioning of the pads.



### Innovative padding with the smallest adhesive nubs

The innovative padding material is provided with a non-slip coating. The smallest silicone adhesive nubs ensure a secure positioning of the knee orthosis on the skin or clothing.

The split and additionally divisible tibia padding provides – especially after surgery – a very comfortable feeling on the knee and shin.

The GenuSupport and GenuSupport.frontal have various lateral condyle paddings

- preformed padding especially for lateral and medial knee joint condyles
- neutral padding, which can be adapted to individual post-operative procedures
- soft foam padding for individual adjustment via grinding or bonding



The QR code on the orthosis can provide you and your patients direct access to important instructions and information.

The hard frame knee orthosis can be individually adjusted as required.

The following settings are possible

- extension: 0°, 10°, 20°, 30° and 45°
- flexion: 0°, 10°, 20°, 30°, 45°, 60°, 75°, 90° and 120°
- complete immobilisation: 0°, 10°, 20°, 30° and 45°



### Lateral guide

In order to be able to better control or absorb incoming leverage forces, the metal frame has a particularly high lateral guide on the proximal side, which increases with the sizing.

In addition, the hard frame knee orthoses have a robust double joint with joint tothing and durable sliding discs that follow the natural movement pattern in the knee joint.





### Easy handling

The hard frame knee orthoses can be easily adapted to the patient's anatomy by simple manual adjustment. The wedges and fastening screws are easily accessible from the outside and can be adjusted quickly. Only one tool – a 2.5 mm allen key – is required for fitting the orthosis.

On both models, the top strap is inclined so that it follows the anatomy of the thigh when closing.

Advantage of the GenuSupport.frontal:

For bedridden or mobility impaired patients, it is often difficult to tighten the hard frame knee orthosis.

For this reason, the new GenuSupport.frontal can be simply fitted on top and securely closed.

It is no longer necessary to 'step through'.

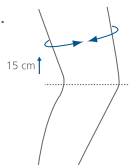
### Hard Frame Knee Orthosis GenuSupport

Size	Side	Femoral circumference	Item-No.
S	left	39 – 46 cm	55R1/LS
M	left	46 – 53 cm	55R1/LM
L	left	53 – 60 cm	55R1/LL
XL	left	60 – 67 cm	55R1/LXL
XXL	left	67 – 74 cm	55R1/LXXL
S	right	39 – 46 cm	55R1/RS
M	right	46 – 53 cm	55R1/RM
L	right	53 – 60 cm	55R1/RL
XL	right	60 – 67 cm	55R1/RXL
XXL	right	67 – 74 cm	55R1/RXXL

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L	right	53 – 60 cm	56R1/RL
XL	right	60 – 67 cm	56R1/RXL
XXL	right	67 – 74 cm	56R1/RXXL

The external length of the orthoses is approx. 43 cm.





## With all that goes with it

Simply practical and safely stored: every hard frame knee orthosis comes with a useful carrying bag with shoulder strap and integrated closure.

High-quality replacement articles can be ordered separately for GenuSupport and GenuSupport.frontal

- spare padding set for frames and straps, 10 pcs.
- spare knee padding set, 6 pcs.
- spare wedge set



### Spare padding set for frames and straps, 10 pcs.

Size	Side	Item-No. GenuSupport	Item-No. GenuSupport.frontal
S	Left	55R10/LS	56R10/LS
M	Left	55R10/LM	56R10/LM
L	Left	55R10/LL	56R10/LL
XL	Left	55R10/LXL	56R10/LXL
XXL	Left	55R10/LXXL	56R10/LXXL
S	Right	55R10/RS	56R10/RS
M	Right	55R10/RM	56R10/RM
L	Right	55R10/RL	56R10/RL
XL	Right	55R10/RXL	56R10/RXL
XXL	Right	55R10/RXXL	56R10/RXXL

### Spare knee padding set, 6 pcs.

Size	Colour	Item-No.
one size	Black	55R11

### Spare wedge set

Description	Item-No.
Set consists of: 26 x wedges, 4 x hook- and loop straps for fixing the pads, 1 x allen key 2.5 mm, 4 x adjusting screws	55R12



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