Technical Data Sheet

M.4 X-lock

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1 Product description

The M.4 X-lock is a functional knee orthosis. The product is exclusively to be used for the orthotic fitting of the knee and only on intact skin or any wounds have been properly covered.

Indications

• Meniscus refixation
• Postoperative after knee extensor tendon ruptures (patellar tendon, quadriceps)
• Cartilage surgery in the area of the knee cap and the trochlear groove
• Postoperative after Fractures of patella
• Restraint operations of the patella (e.g. MPFL reconstruction)
• Conservative therapy of patellar dislocations
• Conservative treatment after cruciate ligament, collateral ligament or meniscus lesions
• Transfer of tuberositas tibiae
• postoperative after meniscus implant

Contraindications:

None known at present.

1.1 Material composition

Avional, Velours, Polyester, Polyurethane

1.2 Presentations

XS – XXL Left: G061201 - 6

XS – XXL Right: G061301 – 6

size	Length Orthosis	Length strap 1	Length strap 2	Length strap 3,6	Length strap 4,5	Weight
x-small	41cm	35cm	41cm	33cm	32cm	540g
small	41cm	37cm	44cm	36cm	34cm	555g
medium	41cm	38cm	52cm	42cm	38cm	575g
large	41cm	40cm	55cm	44cm	40cm	590g
x-large	41cm	45cm	58cm	47cm	44cm	600g
xx-large	41cm	45cm	61cm	48cm	46cm	625g

size	Length strap pad 1,5	Length strap pad 2,3,6	Length strap pad 4	Length frame top	Length frame bottom
x-small	8cm	10,5cm	2x 4 cm	17cm	16cm
small	8cm	10,5cm	2x 5,5 cm	19cm	18cm
medium	10,5cm	13cm	2x 5,5 cm	22cm	21cm
large	10,5cm	13cm	2x 5,5 cm	24cm	21cm

x-large	10,5cm	13cm	2x 5,5 cm	28cm	23cm
xx-large	13cm	18cm	2x 6,5 cm	32cm	26cm

1.3 Features

- Extension limitation at: 0°, 10°, 20°, 30°, 45°
- Flexion limitation at: 0°, 10°, 20°, 30°, 45°, 60°, 75°, 90°
- Immobilisation at: 0°, 10°, 20°, 30°, 45°

2 Safety instructions

- This brace is recommended for a single patient use only
- If undue pain or an unpleasant sensation develops while you are wearing the support, please consult your doctor or orthotist immediately
- Do not wear the brace over open wounds, and use it only as instructed by your doctor or orthotist
- Adjust the extension and flexion limits on the instructions of your doctor only.

3 Storing conditions

Keep the brace in a cool, dry place and do not expose to direct sunlight.

Unsuitable storage conditions may impair the elasticity of materials used and thus shorten the shelf life of the product.

4 Chemical substances

Contact with chemicals (e. g. benzole, methanol, salicylic acid in high concentrations) may have adverse actions on the effect of the product. Do not apply ointments or oils before putting on the product.

5 Care instructions

The brace cannot be worn in saltwater. If the brace is worn in chlorinated water, it should be rinsed out thoroughly with clean water afterwards. The pads are water-repellent; nevertheless, they should be wiped off and dried briefly after you take a shower – the same applies to the straps. Soap residues, lotions and ointments can cause skin irritation and material wear.

• Do not bleach.
• Leave to dry naturally.
• Do not iron.
• Do not dry clean.

With normal use, the hinge mechanism should not require any maintenance, but it can be lubricated with Teflon spray.

6 Packaging/Labeling

Product will be send out in folded box.
CE Sticker and medi address are inside the frame
Serialnumber sticker is inside the frame
Lot number on lable belt 2
Size / Version are inside on the upper frame shell

7 Shelf Life

Expiration date for storage: 3 years

8 Disposal

The product can be disposed of in the domestic waste.
Please ensure a proper and suitable disposal of the used products to prevent any risk to human beings and the environment.