



CATALOGUE  
OF MEDICAL PRODUCTS

LOWER LIMB BRACES



• Hip joint

• Knee joint

ERH-35/M	Knee stabilizing brace
ERH-35/R	Knee stabilizing brace with knee cap opening
ERH-35/F	Kneecap stabilizing brace
ERH-35/F/U	Knee stabilizing brace with slant belts
ERH-35/Z,P,O/K	Short knee joint brace - closed, half-open, open
ERH-35/Z,P,O	Knee brace - closed, half-open, open
ERH-52/Z,P,O	Thigh-shin apparatus - closed, half-open, open
ERH-46	Single-splint knee brace
ERH-46/1	Single-splint knee brace
ERH-58	Splint-strap knee brace
ERH-43	Open knee brace module apparatus
ERH-45	Open single joint brace

• Leap joint

ERH-49	Leap joint stabilizing brace
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**ERHEM**

# LOWER LIMB BRACES

## Knee joint

### ERH 35/R

#### Knee stabilizing brace with knee cap opening



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#### Application:

- Kneecap displacement
- Patellar chondromalacy
- Patellary-thigh joint discharge
- Trauma and strains prevention
- Strain caused pains and edemas

#### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.

#### Characteristics:

- The brace has an opening for the kneecap, reinforced with a rubber pad.

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



## Knee joint

## LOWER LIMB BRACES

### ERH 35/M

#### Knee stabilizing brace

##### Application:

- Trauma and strain prevention
- Joint edemas
- Effort and rest pains
- Joint strains
- Intraarticular effusion

##### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.

##### Characteristics:

- Knee joint trauma prevention and protection during day-to-day convalescence and during return to professional or athletic activities.

##### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



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# LOWER LIMB BRACES

## Knee joint

### ERH 35/F/U

#### Knee stabilizing brace with slant belts

##### Application:

- Patellar tendon trauma and damage
- Patellary-thigh joint discharge
- Effort and rest pains
- Joint strain
- Intraarticular effusion
- Minor joint instability due to light tendon damage

##### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood microcirculation, increases edema reduction, and natural trauma healing ratios.

##### Characteristics:

- Kneecap stabilization and 4 lateral fins and additional 4 reinforcing slant belts protect the joint during the active convalescence, preventing strains from physical training and sports activities.

##### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



CE



• colours



## Knee joint

## LOWER LIMB BRACES

### ERH 35/F

#### Kneecap stabilizing brace

##### Application:

- Trauma and strain prevention
- Kneecap dislocation
- Patellary-thigh joint discharge
- Pains, edemas, intraarticular effusion

##### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood microcirculation, increases edema reduction, and natural trauma healing ratios.

##### Characteristics:

- Kneecap stabilization and 4 lateral fins protect the cap from dislocations and fixes the joint into the optimal position.
- Holding belts allow fitting the stabilizer to anatomic features by adjusting the compression as desired.

##### Size:

Thigh size (circum- ference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



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# LOWER LIMB BRACES

## Knee joint

### ERH 35/P/K

#### Short half-open knee brace

##### Application:

- Patellary-thigh joint discharge
- Patellar tendon trauma and injuries
- Pulls and strains to the ligamentous apparatus
- Degenerative joint instability
- Healing completion of joint post-reconstruction conditions
- Rheumatoid arthritis

##### Quality:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The stabilizer alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.

##### Characteristics:

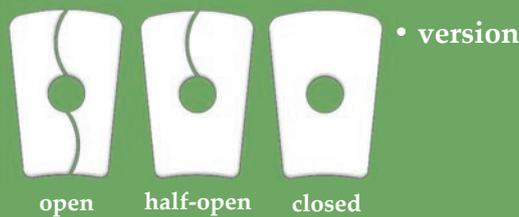
- **The open** brace ensures kneecap stabilization and discharge. Circumference adjustment in the upper part of the brace facilitates application and adjustment to the limb circumference.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position.
- The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

##### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R    Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R    Biaxial with flexion and extension adjustment of 20 deg. per step

##### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



# Knee joint

# LOWER LIMB BRACES

## ERH 35/Z/K

### Short closed knee joint brace

#### Application:

- Kneecap displacement injuries
- Degenerative joint instability
- Healing completion of joint post-reconstruction and post-arthroscopy conditions
- Pulls and strains to the ligamentous apparatus
- Rheumatoid arthritis

#### Traits:

- The brace is made of a multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.

#### Characteristics:

- **The closed brace** has a complete patellar stabilization system, which effectively relieves the kneecap, preventing dislocation and habitual displacements.
- Lateral splints ensure stability during actuation and convalescence safety.
- The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

#### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R     Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R     Biaxial with flexion and extension adjustment of 20 deg. per step

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



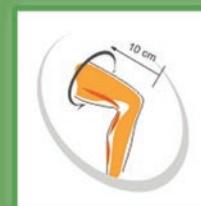
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#### • version



#### • splints



# LOWER LIMB BRACES

## Knee joint

### ERH 35/Z

#### Closed knee brace

##### Application:

- Kneecap displacement
- Degenerative joint instability
- Traumas and injuries to the anterior cross ligament (ACL)
- Traumas and injuries to the lateral ligaments (MCL, LCL)
- Post-reconstruction joint conditions

##### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The stabilizer alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.

##### Characteristics:

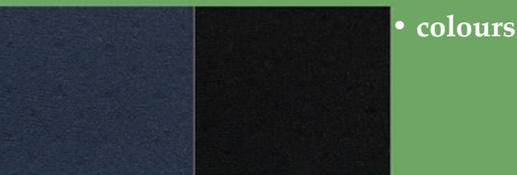
- The belt system enhances the joint stabilization and facilitates brace adjustment to the limb circumference.
- **The closed brace** has a complete patellar stabilization system, which effectively relieves the kneecap, preventing dislocations and habitual displacements.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position.
- The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

##### 4 types of splints may be used:

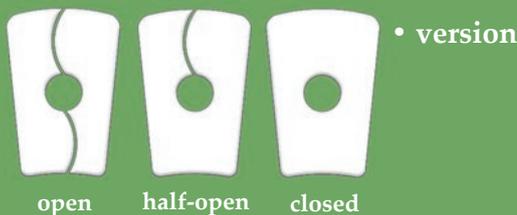
- ERH 1      Uniaxial, without angle adjustment
- ERH 1R    Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R    Biaxial with flexion and extension adjustment of 20 deg. per step

##### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



• colours



• version

open      half-open      closed

• splints



# Knee joint

# LOWER LIMB BRACES

## ERH 35/O/K

### Open short knee brace

#### Application:

- Degenerative joint disease
- Minor joint instability
- Pulls and strains to the ligamentous apparatus
- Joint pain and strain
- Rheumatoid arthritis

#### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.

#### Characteristics:

- **The open** brace ensures easy application and access to the joint during maintenance and physical treatment.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position.
- The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

#### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R    Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R    Biaxial with flexion and extension adjustment of 20 deg. per step

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



#### • colours



#### • version



#### • splints



# LOWER LIMB BRACES

## Knee joint

### ERH 35/O Open knee brace

#### Application:

- Degenerative joint disease
- Joint instability due to injuries and traumas to the ligamentous apparatus
- Ligamentous apparatus post-reconstruction conditions
- Joint pain and strains
- Rheumatoid arthritis

#### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.

#### Characteristics:

- **The open** brace ensures easy application and access to the joint during maintenance and physical treatment.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position.
- The belt system enhances the joint stabilization and facilitates adjustment of the brace to the limb circumference.
- The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

#### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R     Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R     Biaxial with flexion and extension adjustment of 20 deg. per step

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



• colours



open      half-open      closed

• version



1



1R



2



2R

• splints



# Knee joint

# LOWER LIMB BRACES

## ERH 35/P

### Half-open knee brace

#### Application:

- Trauma and injuries to the anterior cross ligament (ACL)
- Trauma and injuries to the lateral ligaments (MCL, LCL)
- Degenerative joint instability
- Post-reconstruction joint conditions
- Ligamentous apparatus post-reconstruction conditions

#### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood microcirculation, increases edema reduction, and natural trauma healing ratios.

#### Characteristics:

- The belt system enhances the joint stabilization, allows smooth and easy adjustment.
- **The open** brace ensures kneecap stabilization and discharge. Circumference adjustment in the upper part of the brace facilitates application and fitting to the limb circumference.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position.
- The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

#### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R    Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R    Biaxial with flexion and extension adjustment of 20 deg. per step

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



#### • colours



#### • version



#### • splints



# LOWER LIMB BRACES

## Knee joint

### ERH 52/P

#### Half-open thigh-shin apparatus

##### Application:

- Traumas and injuries to the anterior cross ligament (ACL)
- Traumas and injuries to the lateral ligaments (MCL, LCL)
- Degenerative joint instability or limb axis disturbance
- Post-reconstruction joint conditions
- Patellary-thigh joint discharge
- Rheumathoid arthritis

##### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by ensuring therapeutic warmth and thus facilitates blood circulation, increases edema reduction, and natural trauma healing ratios.

##### Characteristics:

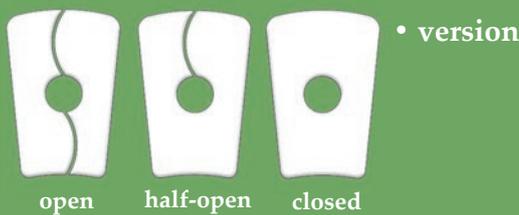
- The belt system enhances the joint stabilization and facilitates adjustment of the brace to the limb circumference.
- **The half-open** brace ensures kneecap stability and discharge. Circumference adjustment in the upper part of the brace facilitates its application and adjustment to the limb.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position. The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

##### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R    Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R    Biaxial with flexion and extension adjustment of 20 deg. per step

##### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



# Knee joint

# LOWER LIMB BRACES

## ERH 52/Z

### Closed thigh-shin apparatus

#### Application:

- Kneecap displacement and injuries
- Degenerative joint instability
- Traumas and injuries to the anterior cross ligament (ACL)
- Traumas and injuries to the lateral ligaments (MCL, LCL)
- Post-reconstruction joint conditions
- Meniscus trauma and injuries

#### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by ensuring therapeutic warmth and thus facilitates blood circulation, increases edema reduction, and natural trauma healing ratios.

#### Characteristics:

- The belt system enhances the joint stabilization and facilitates adjustment of the brace to the limb circumference.
- **The closed** brace has a complete kneecap stabilizing system, which discharges it effectively to prevent displacements and habitual dislocations.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position. The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

#### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R     Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R     Biaxial with flexion and extension adjustment of 20 deg. per step

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



#### • colours



#### • version



#### • splints



# LOWER LIMB BRACES

## Knee joint

### ERH 58

#### Splint-strap knee brace



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#### Application:

- Degenerative joint disease
- Meniscus trauma and injury
- Joint instability due to injury or rupture of the anterior cross ligament (ACL) or the lateral cross ligament (MCL, LCL)
- Transarticular fractures
- Post-reconstruction joint conditions
- Muscular paresis or palsy-caused instability

#### Traits:

- The inseam and cross straps are made of skin-friendly, non-allergic, and non-irritating materials.

#### Characteristics:

- The Velcro bracing straps allow a wide range of adjustment and precise fitting to the limb circumference and ensure long-term endurance of the fastening.
- The openwork construction enhances wearing comfort, decreases perspiration, facilitates nursing, and decreases the weight.
- The brace has polycentric splints with adjustable bend angle (20 deg. per step).
- The crossing pads in the knee pit and proper adjustment of the actuation range of the lateral splints prevents knee hyperextension.

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



# Knee joint

# LOWER LIMB BRACES

## ERH 52/O

### Open thigh-shank apparatus

#### Application:

- Degenerative joint disease
- Joint instability due to trauma and injuries to the ligamentous apparatus
- Post-reconstruction joint conditions
- Joint pain and strains
- Rheumatoid arthritis

#### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by ensuring therapeutic warmth and thus facilitates blood circulation, increases edema reduction, and natural trauma healing ratios.

#### Characteristics:

- The belt system enhances the joint stabilization and facilitates adjustment of the brace to the limb circumference.
- The open brace ensures easy application and access to the joint during maintenance and physical treatment.
- Lateral splints ensure actuation and convalescence safety by stabilizing the joint in the optimal position.
- The splint mounting allows using the brace on either limb, with straight splint at the outer side of the joint and the molded splint at the inner side.

#### 4 types of splints may be used:

- ERH 1      Uniaxial, without angle adjustment
- ERH 1R     Uniaxial with flexion and extension adjustment of 15 deg. per step
- ERH 2      Biaxial without angle adjustment
- ERH 2R     Biaxial with flexion and extension adjustment of 20 deg. per step

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



#### • colours



#### • version



#### • splints



# LOWER LIMB BRACES

## Knee joint

### ERH 46

#### Single-splint knee brace



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#### Application:

- Degenerative joint disease
- Meniscus trauma and injury
- Joint instability due to injury or rupture of the anterior cross ligament (ACL) or the lateral cross ligament (MCL, LCL)
- Transarticular fractures
- Post-reconstruction joint conditions
- Muscular paresis or palsy-caused instability

#### Traits:

- The brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The stabilizer alleviates pain by facilitating blood circulation, increases edema reduction and natural trauma healing ratios.

#### Characteristics:

- The brace is equipped with a biaxial splint with bend angle adjustment of 20 degrees per step, which effectively prevents from the joint instability.
- Slant strap reinforces the stability and protection of the ligament apparatus.

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



## ERH 46/1

### Single-splint knee brace

#### Application:

- Degenerative joint disease
- Meniscus trauma and injury
- Joint instability due to injury or rupture of the anterior cross ligament (ACL) or the lateral cross ligament (MCL, LCL)
- Transarticular fractures
- Post-reconstruction joint conditions
- Muscular paresis or palsy-induced instability

#### Characteristics:

- The open brace facilitates care to the limb during the initial post-operational conditions, ensures its lightness and air-permeability during physical activities.
- The brace is equipped with a biaxial splint with bend angle adjustment of 20 degrees per step, which effectively prevents from the joint instability.
- Slant strap reinforces the stability and protection of the ligament apparatus.

#### Size:

Thigh size (circumference measured 10 cm above the knee)	S	M	L	XL	XXL
	34-38	38-45	45-52	52-60	60-67



#### • colours



# LOWER LIMB BRACES

## Knee joint

### ERH 45

#### Open single joint brace

##### Application:

Post-traumatic and post-operational immobilization of the knee joint in case of:

- Trauma and injury to the articular-ligamentous apparatus
- Joint reconstruction
- Fractures and their complications

##### Traits:

- The open single joint brace is made of polyurethane foam covered with polyamide knit on the outside and cotton knit inside.

##### Characteristics:

- Adjustable clamping belts enable precise adjustment of the apparatus and desired compression.
- Lateral fixtures through aluminium splints stabilize the limb in extended position or in a 20-degree bend, after replacing the straight splints with the splints bent at 20 degrees.

##### Size:

	S	M	L	XL
Thigh size (circumference measured 20 cm above the kneecap)	38-44	44-50	50-54	> 54
Total length	40	50	60	70



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## ERH 43

### Open knee brace module apparatus

#### Application:

- Post-traumatic and post-operational immobilization of the knee joint with actuation range reduction and its progressive increase.

#### Traits:

- The module apparatus is made of polyurethane foam covered with polyamide knit on the outside and cotton knit inside.

#### Characteristics:

- Adjustable clamping belts enable precise adjustment of the apparatus and desired compression.
- Lateral fixtures through biaxial splints with adjustable bend angle (20 deg. per step) fix the limb perfectly in a desired position through application of steel rivets.

#### Size:

Universal for the upper and lower leg (thigh and shank)

Splint length (in cm)	XXS	XS	M	L	XL
	34	44	47	54	60



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# Leap joint

# LOWER LIMB BRACES

## ERH 49

### Leap joint stabilizing brace

#### Application:

- Joint distortions and instability
- Ligamentous tensioning and injuries
- Leap joint disfigurements

#### Traits:

- The leap joint brace is made of two layers of compatible materials.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption. Its antimycotic and antibacterial action enhances the safety and comfort of use.

#### Characteristics:

- The product fits both left and right foot.
- The system of crossing straps and lateral bracing enhances stability of the joint and prevents contusion during the return to daily activities.
- The lateral bracing can be gradually removed in the healing and convalescence period to enhance the joint actuation range, without decreasing its protection.

#### Size:

	XS	S	M	L	XL
Men's shoe size	39-40	40-41	41-43	43-45	> 45
Women's shoe size	37-39	39-41	41-43	43-45	> 45



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