From its Saint-Etienne base, THUASNE Group has been drawing on its know-how for more than 170 years to conceive, develop and manufacture medical devices enabling all patients and consumers to become active players in their own health.

Derived from the shared history of 6 generations of entrepreneurs, THUASNE offers concrete, simple, adapted and innovative health solutions for improved mobility, in more than 85 countries.

Our expertise is aimed at patients in the fields of orthopaedics (belts, braces), medical compression (phlebology, lymphology, wound healing), women’s health (external breast forms, lingerie) and homecare.

With its operations spanning the worlds of medicine, materials and digital technology, Thuasne creates and distributes medical devices enabling all patients and consumers to become active players in their own health. Year after year, our joint commitment enables better management of numerous chronic conditions (back problems, musculoskeletal disorders, venous insufficiency, lymphoedema, etc.) using non-invasive therapeutic solutions.

Elizabeth Ducottet
CEO
The capacity to fully control every step in the value chain

Because THUASNE is committed to offering patients and health professionals effective, high-quality products, it can guarantee that all its products are designed, made and distributed using technologies mastered by the Group following extensive experience accumulated over the years. Conceive

Knitting expertise for the benefit of patients

Because THUASNE is committed to patients, its knitted braces are designed using exclusive expertise to promote efficacy, comfort and compliance.

They are effective thanks to their compressive properties, restoring proprioception and improving the blood circulation.

They are comfortable thanks to their breathability and specific knit (different techniques and comfort zones).

They are safe thanks to their hypoallergenic properties, their latex-free design and their elasticity, avoiding any tourniquet effect.
The products in this catalogue are class I medical devices. Read the leaflet before use. The medical indications for the products are available on certain product pages, or summarised on the following product pages: pages 18, 35, 41, 48, 60, 76, 87, 97. The contraindications or precautions for use, where relevant, are also specified for each medical device. Date updated: Nov. 2019.
Efficacy of the Lombacross Activity lumbar belt in subacute low back pain

An open, multicentre, randomised clinical study

**Objective**
Clinical and economic assessment of a Thuasne Lumbar Support Belt

**Methodology**
197 patients suffering from subacute low back pain followed up and assessed for 3 months by 44 general practitioners

**Results**
4 major findings
- A faster and greater **reduction** in pain intensity
- A faster, more extensive **functional recovery**
- An **average saving of 200 €** on treatment costs
- A **very high level of satisfaction** among belt wearers: 93.7%

---

**Evolution in EIFEL* score between D0 and D90**
*EIFEL score: Functional Disability Scale for Lower Back Pain Assessment (French translation of Roland-Morris questionnaire)

Group with belt / Group with usual treatment:
**STATISTICALLY SIGNIFICANT FUNCTIONAL IMPROVEMENT** from the 1st month for the Group with belt, persisting at D90

**Evolution in VAS* score between D0 and D90**
*VAS score: Visual Analogue Scale

Group with belt / Group with usual treatment:
**STATISTICALLY SIGNIFICANT REDUCTION IN PAIN** from the 1st month for the Group with belt, persisting at D90

**EFFECT COMPARED TO THE ACTIVITY OF ABDOMINAL MUSCLES**

with and without a soft lumbar belt in chronic low back pain sufferers

_CL. HAMONET, C. MEZIERE - Rhumatologie, 1993;45, 7, 165-170_
REDUCED PAIN IN MOST SITUATIONS OF EVERYDAY LIFE using special belts for pregnant women

**Objective**

Pregnancy and pelvic girdle pain: analysis of the effects of the pelvic belt on pain.

**Methodology**

Randomized study: 46 pregnant women - 9 weeks on average

**GROUP A**
38 pregnant women suffering from pelvic pains whom have worn the belt. This group was split in two random groups:
- A1: Pregnant women having worn the **Ortel P**
- A2: Pregnant women having worn the **LombaMum**

**GROUP B**
Pregnant women suffering from pelvic pains whom have not worn any belt

**Proven results**

After, on average, 9 weeks of use:
- Decrease in the intensity of overall pain of 20 mm
- Decrease in the intensity of sacro-iliac pain of 20 mm
- Decrease in the number of women reporting pain during walking or prolonged sitting or standing
- Decrease in the number of women reporting diffuse or deep pain

**EVOLUTION OF THE % OF WOMEN REPORTING PAIN IN CERTAIN SITUATIONS OF EVERYDAY LIFE BETWEEN THE 2ND AND 3RD QUARTER OF PREGNANCY**

**STATISTICALLY SIGNIFICATIVE DECREASE IN % OF WOMEN reporting pain in everyday situations**

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Belt (%)</th>
<th>Without belt (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pain during gate</td>
<td>-37</td>
<td>1</td>
</tr>
<tr>
<td>Pain during prolonged standing</td>
<td>-42</td>
<td>-25</td>
</tr>
<tr>
<td>Pain during prolonged sitting</td>
<td>-37</td>
<td>-25</td>
</tr>
</tbody>
</table>

**EVOLUTION OF THE VAS* SCORE BETWEEN THE 2ND (Q2) AND 3RD (Q3) QUARTER OF PREGNANCY**

*VAS score: Visual Analogue Scale

**STATISTICALLY SIGNIFICATIVE DECREASE OF OVERALL PAIN over time in the group “wearing a belt”**


2. The minimum significance value for p is 0.05. The lower the p value, the better the significance of the study result.
IMPROVED FUNCTION AND STRENGTH 
by using an off-loading orthosis on the osteoarthritic knee

Objectives
Evaluate, when using Rebeliever® brace, the change of the biomechanics of the knee, its clinical effect and its effect on the function.

Design of the study

Population

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean age (years)</td>
<td>55 (39 - 70)</td>
</tr>
<tr>
<td>Gender</td>
<td>12 men 3 women</td>
</tr>
<tr>
<td>Mean BMI (kg/m²)</td>
<td>25 (24 - 49)</td>
</tr>
<tr>
<td>Kellgren-Laurence grade (%)</td>
<td>20 % 67 % 13 %</td>
</tr>
</tbody>
</table>

Tests
- 6 minute walk
- Instrumented gate analysis
- Isokinetic strength test

Questionnaires
- Knee injury and OA Outcome Score (KOOS)
- Activity Balance Confidence Scale (ABC)

Results:
- Offloading effect: evolution of the knee adduction moment during the gait cycle (Nm/kg)

Results: 36 % of force reduction through the knee with every step

Evaluation of patient experience (% of position)

Conclusion
- Reduced forces on the knee joint
- Reduced pain
- Reduced symptoms
- Improved balance confidence
- Improved muscle function
- Improved walking capacity
- Improved ADL participation
- Improved quality of life

Outcome: reduction of pain and symptoms, improvement of quality of life and balance

Average of the score obtained:
0 : extreme symptom  -  100 : no symptoms

n = 15
EFFICIENCY and SAFETY of the RebelReliever® in patients with knee osteoarthritis: ROTOR study


Objective
To evaluate the efficacy of the RebelReliever® knee brace in combination with standard treatment after a 6 week treatment period, in patients with symptomatic medial knee osteoarthritis.

Study Design
Patients with medial knee OA

Population
RebelReliever® (n = 32) Control (n = 35)
Mean age (years) 64.8 ± 11.7 66.6 ± 7.2
Female (%) 75 57.1
Mean BMI (kg/m²) 29.2 ± 4.4 28.1 ± 5.1
Mean OA duration (years) 8.4 ± 6.8 8.9 ± 7.4
Kellgren-Laurence grade (%) Grade II 31.2 20.0
Grade III 46.9 62.9
Grade IV 21.9 17.1

Results
Pain score evolution
The RebelReliever® knee brace significantly reduces pain immediately and for a sustainable time

24-hour pain assessment and in motion
Results: RebelReliever® brace also reduces pain when in movement

Evolution of the function: Lequesne algofunctional index
Results: RebelReliever® knee brace improves function

More than 80% of patients feel a definite and considerable improvement of their condition with RebelReliever® brace by the end of the trial

Patient satisfaction: evaluation of their overall impression of change


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Patient satisfaction: evaluation of their overall impression of change


Claude Thoumie et al 2019

15
LUMBAR BELTS: WHAT BENEFITS?

1 Relieve the lumbar zone
   Increase in intra-abdominal pressure
   Pain-relieving effect due to compression

2 Oblige a pain-relieving position (posture correction) and limit extreme, painful movements

3 Aid early remobilisation and reduce apprehension about everyday activities

Did YOU KNOW?

1,500 that’s the number of times our backs have to work every day.
93% (1) that’s the number of French people that will be affected by back pain at least once in their lifetime.
Are you affected?

MOVEMENT is the treatment recommended by the French National Authority for Health (HAS) for low back pain.

MOVEMENT is the treatment recommended by the French National Authority for Health (HAS) for low back pain.
Which belt for WHICH CONDITION

Which PRESCRIPTION ?

Which PATIENT ?

Classic morphology

Prolonged sitting position

Prolonged standing position

Various activities

Manual workers

Atypical morphology
(wide hips, overweight, size > 1.90 m)

Pregnant women

Person with a lack of strength

Discretion under clothing "second-skin" effect

Easy and precise tightening

Adapts to morphology thanks to independent and mobile stays

Strengthened support
Strong compression

Adapts to morphology thanks to independent and mobile stays

Evolving comfort throughout pregnancy

Easy and precise tightening

LombaSkin

LombaStab

LombaTech

LombaCross Activity

LombaTech

LombaMum

LombaStab

Find other products more specifically designed for posture or thoraco-abdominal problems on the following pages.
**INDICATED FOR**
Non-specific common low back pain (acute, subacute and chronic stages)

**TARGET PATIENT**
Persons looking for an easy and precise tightening to adapt it according to their pain.
Persons in prolonged standing position.
People lacking strength

**POINTS TO REMEMBER**
Easy and precise tightening: thanks to the innovative lacing system
Strong support for an efficient antalgesic effect thanks to the back-plastic plates and the adaptable spring steel stays
Adaptable compression to the anatomy in A or V shape thanks to the innovative quick lacing system and the smart designed angles between the front and back part
Symmetrical hand loops to ensure the belt is properly centered on the spine
Easy care

**LombaStab**
Lumbar belt with an easy and precise tightening system
0854 02 (21 cm) - 0853 02 (26 cm)

**Extra tip**
Apply **Argicalm** to relieve pain!

---

**LombaSkin**
Discreet, lightweight lumbar belt
0871 02 (21 cm) - 0870 02 (26 cm)

**INDICATED FOR**
Non-specific common low back pain (acute, subacute and chronic stages)

**TARGET PATIENT**
Low back pain sufferer with moderate physical activity e.g. sedentary office worker

**POINTS TO REMEMBER**
Comfort: seamless design for wearing next to the skin
Discreet and lightweight: very slim design, can be easily worn under clothes
Breathability: moisture-wicking thanks to Combitex fabric
Easy care

Presentation and fitting video available online

**THUASNE**
LombaTech®
Lumbar belt that adapts to different activities and body shapes
0852 02 (21 cm) - 0851 03 (26 cm)

INDICATED FOR
Non-specific common low back pain (acute, subacute and chronic stages)

TARGET PATIENT
Patient with varied activities or an atypical body shape

POINTS TO REMEMBER
1. Adaptation to the body’s movements: separate stays
2. Precise targeting of painful area: additional strap
3. Breathability: moisture-wicking thanks to Combitex and Coolmax fabrics
4. Coverage of a broad range of sizes: to fit as many patients as possible (very slim, large hips, round stomach, etc.)
5. Easy Care: machine wash at 30 °C

Lombacross Activity
Lumbar belt offering reinforced support
0836 01 (21 cm) - 0835 03 (26 cm)

INDICATED FOR
Non-specific common low back pain (acute, subacute and chronic stages)

TARGET PATIENT
Patient with high level of physical activity
Manual worker (heavy lifting, etc.)

POINTS TO REMEMBER
1. Strong compression & reinforced support: additional reinforced strap
2. Comfort: anatomical cut at the hips and ribs
3. Breathability: moisture-wicking thanks to Combitex and Coolmax fabrics
4. Easy care: machine wash at 30 °C

See CLINICAL STUDIES pages 8-9

Apply Argicalm to relieve pain!

INDICATIONS FOR LombaTech®
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See CLINICAL STUDIES pages 8-9

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4. Easy care: machine wash at 30 °C

See CLINICAL STUDIES pages 8-9

Apply Argicalm to relieve pain!
**LombaMum®**
Maternity lumbar belt
0805 01

**INDICATED FOR**
Pelvic, low back and sacro-iliac pain

**POINTS TO REMEMBER**
Adjustable throughout the pregnancy: 2 abdominal support bands
Adjustable support: additional straps
Comfort: bamboo fibre lining*

**Ortel®**
Pelvic belt
2740 01

**INDICATED FOR**
Pelvic and sacro-iliac pain or pubic symphysis instability

**POINTS TO REMEMBER**
Adjustable extra-strong support: elastic fabric and additional strap
Comfort: soft terry lining
Easy care: machine wash at 30 °C

**Lombax Original**
Belt for occasional use
0824 03

**INDICATED FOR**
Non-specific common low back pain (acute, subacute and chronic stages)

**TARGET PATIENT**
Patient with moderate activity
Occasional use

**POINTS TO REMEMBER**
Strong elastic compression and hardwearing: Lombax fabric
Comfort and breathability: 3D weave back panel
Easy to put on: two-part fastening
Easy care: machine wash at 30 °C

**Lombacross**
Ergonomic lumbar support belt
0830 04

**INDICATED FOR**
Non-specific low back pain during the acute phase

**TARGET PATIENT**
Patient with moderate level of physical activity

**POINTS TO REMEMBER**
Muscle function simulation: crossover elastic straps at the back
Breathability: moisture-wicking thanks to Combitex fabric
Support: accentuated heights

**Lombacross**
Anatomically-shaped lumbar support belt
0830 05

**INDICATED FOR**
Non-specific low back pain during the acute phase

**TARGET PATIENT**
Patient with moderate level of physical activity

**POINTS TO REMEMBER**
Muscle function simulation: crossover elastic straps at the back
Breathability: moisture-wicking thanks to Combitex fabric
Comfort: anatomical cut at the hips and ribs, velvet and foam insert at the back
Easy care: machine wash at 30 °C

**Lombax Activity**
Belt for manual workers
0850 02

**INDICATED FOR**
Non-specific low back pain to prevent recurrence

**TARGET PATIENT**
Patient with high level of physical activity - Manual worker (heavy lifting, etc.) - Occasional use

**POINTS TO REMEMBER**
Strong support adjusted to effort: additional reinforced strap
Hardwearing: Lombax fabric
Practical: in work environments thanks to the removable shoulder straps
Easy care: machine wash at 30 °C

**INDICATED FOR**
Pelvic and sacro-iliac pain or pubic symphysis instability

**POINTS TO REMEMBER**
Adjustable extra-strong support: elastic fabric and additional strap
Comfort: soft terry lining
Easy care: machine wash at 30 °C

**Ortel®**
Pelvic belt
2740 01

**INDICATED FOR**
Pelvic and sacro-iliac pain or pubic symphysis instability

**POINTS TO REMEMBER**
Adjustable extra-strong support: elastic fabric and additional strap
Comfort: soft terry lining
Easy care: machine wash at 30 °C

**Ortel® P**
Pelvic belt
2740 01

**INDICATED FOR**
Pelvic and sacro-iliac pain or pubic symphysis instability

**POINTS TO REMEMBER**
Adjustable extra-strong support: elastic fabric and additional strap
Comfort: soft terry lining
Easy care: machine wash at 30 °C

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Easy care: machine wash at 30 °C

See CLINICAL STUDIES pages 10-11

See CLINICAL STUDIES pages 10-11
**OTHERS**

**LUMBAR BELTS**

**Dynacross**  
Functional lumbar-abdominal support belt  
7680 05

**Dynacross**  
activity  
Reinforced lumbar-abdominal support belt  
7685 01

**Ortelcross**  
Functional lumbar belt  
4050 01

---

**INDICATED FOR**  
Non-specific low back pain

**POINTS TO REMEMBER**  
Flexible posterior support  
Muscle function simulation thanks to crossover elastic straps in the lumbar zone  
Good breathability thanks to Combitex fabric for wearing next to the skin  
Mechanisms of action: reinforces core muscles, posture correction

---

**INDICATED FOR**  
Non-specific low back pain

**POINTS TO REMEMBER**  
Flexible support thanks to flexible back stays  
Adjustable compression thanks to the additional strap for tightening adapted to pain  
Good breathability thanks to Combitex fabric for wearing next to the skin  
Crossover elastic straps at the back for muscle function simulation

---

**INDICATED FOR**  
Non-specific low back pain

**POINTS TO REMEMBER**  
Muscle function simulation thanks to crossover elastic straps in the lumbar zone  
Flexible support thanks to flexible back stays  
Extra comfort thanks to its vented elastic fabric

---

**INDICATED FOR**  
Non-specific low back pain

**POINTS TO REMEMBER**  
Resting and static posture correction of the spine due to a stabilising and immobilising action, based on three pressure points  
Rust-proof and adjustable  
Water-resistant, can be worn in the swimming pool for physiotherapy sessions, for example

---

**INDICATED FOR**  

**POINTS TO REMEMBER**  
Universal Sizing  
Rigid Tri-Planar Control  
Easy to Apply & Wear  
Steel sternal bar & reinforced panels

---

**INDICATED FOR**  
Osteoporosis  
Vertebral fractures related to osteoporosis  
Round shoulders  
Pain-relieving therapy

**POINTS TO REMEMBER**  
Good adjustment to the patient’s shape  
Adjustable back straightsener that can be adapted to the patient's lordosis  
Ergonomic hand loop  
Additional adjustable straps that can be cut to size

---

**INDICATED FOR**  
Reduction and stabilisation of vertebral fractures with preservation of the posterior wall. Lower thoracic spine and thoracolumbar fractures. Osteoporotic compression fracture of L2 following corset treatment. Dorsal and dorolumbar vertebral compression fractures associated with osteoporosis or metastatic disease (T10-L1/L2), Osteomalacia with fractures  
Dorolumbar osteoarthritis

**POINTS TO REMEMBER**  
Resting and static posture correction of the spine due to a stabilising and immobilising action, based on three pressure points  
Rust-proof and adjustable  
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---

**ORDER IN**  
GERMANY

**ORDER IN**  
THE US

---

**Back**
**INDICATED FOR**
Non-specific low back pain (acute, subacute, chronic)
Lumbar stenosis
Spondylosis

**TARGET PATIENT**
Persons looking for an easy and precise tightening to adapt it according to their pain
Persons in prolonged standing position
People lacking strength

**POINTS TO REMEMBER**
Easy and precise tightening thanks to the innovative lacing system
Adaptability to the curvature of the back thanks to the conformable and height-adjustable back splint.
Comfortable S-Shaped and padded shoulder strap preventing armpit shear.
Easy backpack design to facilitate application and tightening of the shoulder straps.
3 flexion points thanks to the intra-abdominal pressure and the sternal support maintaining the body in a hyperextension.
**Stomex**
Abdominal support belt
2700 02

**Dynabelt**
Abdominal support belt
7010 07 (16 cm) - 7010 08 (26 cm)
7010 09 (33 cm)

**Cemen**
Thoracic belt
2800 01

**Cemen**
Thoracic belt
2900 01

**INDICATED FOR**
Non-displaced rib fractures

**POINTS TO REMEMBER**
Strong support: elastic fabric
Easy to put on: velcro fastening

**INDICATED FOR**
Thoracic support: rib fractures, surgery, respiratory rehabilitation

**POINTS TO REMEMBER**
Strong support thanks to hardwearing elastic fabric
Easy to put on thanks to velcro fastening
Machine wash at 30 °C

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Non-displaced rib fractures

**POINTS TO REMEMBER**
Strong support: elastic fabric
Easy to put on: velcro fastening

**INDICATED FOR**
Thoracic support: rib fractures, surgery, respiratory rehabilitation

**POINTS TO REMEMBER**
Strong support thanks to hardwearing elastic fabric
Easy to put on thanks to velcro fastening
Machine wash at 30 °C
Did YOU KNOW?

10 to 20% of adults suffer from neck pain.²

The neck is one of the areas of the body most affected by repetitive strain injuries in the office.³

1/4 of all people with an office job complain of neck pain.⁴

People who play contact sports (football, boxing, hockey, etc.) are also commonly affected.⁵

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⁴ Passeport santé. (s.d.). Les symptômes, les personnes à risque et les facteurs de risque des troubles musculosquelettiques du cou (entorse cervicale, torticolis).
CERVICAL COLLAR: WHAT BENEFITS?

Cervical collars immobilise the cervical spine, limiting flexion, extension and rotation movements. They act on several levels:

1. **PAIN-RELIEVING EFFECT**
   - By limiting movements and painful mechanical stresses

2. **RELAXING EFFECT**
   - By increasing local heat, thereby promoting muscle relaxation

3. **LIMITATION/IMMOBILISATION OF THE CERVICAL SPINE**
   - Varies depending on the degree of rigidity

4. **STIMULATION OF PROPRIOCEPTION**
   - By reinforcing control sensations from the spinal column

**NECK**

Which solution for WHICH CONDITION?

**Which INDICATION?**

- **Torticollis**
  - Minimal lesions
  - Early arthritis
  - Mild sprains
  - Cervicobrachial neuralgia

- **Flexible structure**
  - Foam

- **Semi-rigid structure**
  - Foam + plastic

- **Rigid structure**
  - + 4 supports*

**Which PRESCRIPTION?**

- **Light support**
- **Moderate support**
- **Firm support**
- **Reinforced support**

**COLLAR**

- **Cervical collar**: Ortel C3
- **Anatomic collar**: Ortel C1 anatomic
- **Chin and occipital collar**: Ortel C1 classic
- **Brachial collar**: Ortel C4
- **Cervical and brachial collar**: Ortel C4 vario

**PAIN-RELIEVING AND RELAXING EFFECT**

**LIMITATION OF FLEXION**

**COMPLETE RESTRICTION OF MOBILITY**

* Chin, sternal, occipital and dorsal supports

**THUASNE | 35**
**Ortel C1 classic**
Flexible collar, pain-relieving support, muscle-relaxing
2393 02

**INDICATED FOR**
- Traumatic conditions: muscle spasms

**POINTS TO REMEMBER**
- Flexible support: high-quality foam
- Comfort: removable and washable comfortable cover
- Hold: precise velcro adjustment
- Average height of 8 to 10 cm

---

**Ortel C1 anatomic**
Flexible, anatomically-shaped collar, pain-relieving support, muscle-relaxing
2394 02

**INDICATED FOR**
- Traumatic conditions: muscle spasms

**POINTS TO REMEMBER**
- Flexible support: anatomically-shape compact support foam
- Comfort: Removable and washable comfortable cover
- Hold: Precise velcro adjustment
- Average height of 7.5, 9 or 11 cm

---

**Ortel C2 plus**
Semi-rigid collar, relative immobilisation
2395 02

**INDICATED FOR**
- Traumatic conditions: muscle spasms, sprains, cervicobrachial neuralgia

**POINTS TO REMEMBER**
- Semi-rigid support: semi-rigid internal structure covered in compact support foam
- Comfort: removable and washable comfortable cover
- Hold: precise velcro adjustment
- Average height of 7.5, 9 or 11 cm

---

**Ortel C3**
Limitation of flexion
2391 02

**INDICATED FOR**
- Traumatic conditions: cervicobrachial neuralgia
- Degenerative conditions: cervical arthritis

**POINTS TO REMEMBER**
- Reinforced support: rigid perforated polyethylene structure
- Comfort: padding of the edges in contact with the skin, perforations for better ventilation, chin support
- Hold: velcro adjustment
- Anatomical fit: height-adjustable from 8.5 cm

---

**Ortel C4 rigid**
Strict immobilisation
2396 03

**INDICATED FOR**
- Traumatic conditions: sprain, post-operative immobilisation
- Degenerative conditions: cervical arthritis

**POINTS TO REMEMBER**
- Reinforced support: 4 supports (chin and sternal supports with front shell, high occipital and dorsal supports with rear shell)
- Comfort: 2 anatomically moulded shells in hypoallergenic foam
- Tracheal opening
- Height 8.5 cm

---

**Ortel C4 vario**
Complete restriction of mobility
T492802

**INDICATED FOR**
- Traumatic conditions: sprain, post-operative immobilisation
- Degenerative conditions: cervical arthritis

**POINTS TO REMEMBER**
- Reinforced support: 4 supports (chin and sternal supports with front shell, high occipital and dorsal supports with rear shell)
- Comfort: removable and washable foam insert
- Tracheal opening
- Anatomical fit: height-adjustable from 9 to 16 cm

---

**Ortel T-Neck**
Short version
Long version

**COMING SOON...**

**Extra tip**
Recommend the Cervi+ memory foam pillow
The shoulder is one of the areas of the body most affected by repetitive strain injuries (RSI), particularly rotator cuff tendinitis. Collar bone fracture: children are the most affected (almost half of all collar bone fractures), followed by men under the age of 30, due to sports injuries.

2 Fracture de la clavicule. (s.d.). Site web : http://www.physiotherapiepourtous.com/fracture/la-fracture-de-la-clavicule/
IMMOBILISATION VEST & SHOULDER SLING: WHAT BENEFITS?

Thuasne shoulder braces can be modular, depending on the models, and accompany patients from the post-traumatic or post-operative immobilisation phase right through to rehabilitation and recovery.

There are two different types of immobilisation:

1. **ELBOW-TO-BODY IMMOBILISATION** following trauma or surgery

2. **FUNCTIONAL IMMOBILISATION** for rehabilitation and gradual resumption of shoulder movement and/or function

The physician decides on the immobilisation duration on the basis of the severity of the trauma, its nature and the type of associated damage. Prolonged strict immobilisation can have significant consequences, such as stiffness. It is for this reason that the initiation of a gradual, adapted rehabilitation programme designed to restore pain-free, unrestricted function is recommended*.

*HAS, (French National Authority for Health), professional guidelines - Criteria for rehabilitation and referral follow-up in the outpatient or follow-on or rehabilitative care setting after rotator cuff rupture surgery and shoulder joint replacements – 2008

Find all our products on the following pages.
SCAPULOHUMERAL IMMOBILISATION VESTS

Scapulis
Active shoulder and elbow immobilisation sling
2443 01

Scapulis +
Active shoulder and elbow immobilisation sling with 30° abduction pad
2444 01

INDICATED FOR
Fracture of the humeral head
Fracture of the shoulder blade
Elbow injuries
Acromioclavicular dislocation
Scapulohumeral dislocation
Rotator cuff tear

POINTS TO REMEMBER
Modular immobilisation: repositionable strap for an elbow to body or functional immobilisation
Adaptability: one size fits all with trimmable straps to fit all body shapes
Comfort: lightweight material and indented shape for greater breathability

INDICATED FOR
Post-operative immobilisation

POINTS TO REMEMBER
30° abduction: comfortable anatomically shaped cushion
Adaptability: one size fits all with trimmable straps to fit all body shapes
Comfort: lightweight material and indented shape for greater breathability

One size only

Presentation and fitting video available online
Townsend® Shoulder Sling
U05401

**INDICATED FOR**
Immobilisation: post-operative

**POINTS TO REMEMBER**
Immobilisation of the shoulder with an abduction of 30° thanks to its anatomically formed pad
Improved comfort thanks to the fabric neck-strap and padded straps
Exercise ball included

---

ImmoClassic
Elbow to body immobilisation vest
2445 01

**INDICATED FOR**
Traumatic conditions: humerus head fracture, scapular fracture, elbow trauma
Joint conditions: acromioclavicular dislocation, glenohumeral dislocation, rotator cuff rupture

**POINTS TO REMEMBER**
Scapulohumeral immobilisation: sleeve and additional strap to support the forearm and shoulder
Adaptability: adjustable upper strap
Comfort: protective foam on the shoulder and neck

---

ImmoVest
Full coverage immobilisation vest
2441 02

**INDICATED FOR**
Humerus head fracture
Scapular fracture
Elbow trauma
Acromioclavicular dislocation
Glenohumeral dislocation
Rotator cuff rupture
Post-operative immobilisation

**INDICATED FOR**
Traumatic conditions: humerus head fracture
Joint conditions: acromioclavicular dislocation, glenohumeral dislocation, rotator cuff rupture

**POINTS TO REMEMBER**
Immobilisation of the elbow to the body: elbow to body position thanks to the 3 straps
Reinforced protection: high coverage vest
Comfort: anatomically shaped breathable fabric and comfort pad on the shoulder
Easy to fit: numbered and coloured marking system

---

Immo
Elbow to body Immobilisation vest with forearm and hand bands
2440 01

**INDICATED FOR**
Traumatic conditions: humerus head fracture
Acromioclavicular dislocation
Glenohumeral dislocation
Rotator cuff rupture
Post-operative immobilisation

**POINTS TO REMEMBER**
Clavicle fracture with or without displacement
Adaptability: one size fits all with trimmable straps to fit all morphologies
Comfort: dorsal foam anchoring pad and quilted straps
Easy to fit: buckle closure

---

Ligaflex® clavicular straps
Clavicular immobilisation straps
2450 02

**INDICATED FOR**
Clavicle fracture with or without displacement

**BACKGROUND**
Presentation and fitting video available online

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**ORDER IN GERMANY**

---

**THUASNE | 45**
WRIST, THUMB & ELBOW

ACTION PRINCIPLE OF SPLINTS

WRIST SPLINT
Varying degrees of immobilisation of the carpometacarpal joints. Used mainly for sprains, wrist instabilities, tendinitis of the wrist, carpal tunnel syndrome that has not undergone surgery and during the post-operative phase.

WRIST/THUMB SPLINT
Varying degrees of immobilisation of the carpometacarpal joints and the thumb. Used in the event of trauma (sprains and fractures), wrist and thumb instabilities, tendinitis of the wrist and De Quervain’s tenosynovitis, basal joint arthritis of the thumb and during the post-operative phase.

THUMB SPLINT
Stabilisation of the thumb in the required therapeutic position. Mainly used in basal joint arthritis of the thumb or thumb sprains.

WRIST-FINGER SPLINT
Varying degrees of immobilisation of the metacarpophalangeal and interphalangeal joints. Used in the event of sprains, dislocations, non-displaced fractures or in the post-operative phase.

FINGER SPLINT
Varying degrees of immobilisation of the phalanges. Used in the event of finger injuries and when resuming activities/sports.

Did YOU KNOW?

Carpal tunnel syndrome, due to median nerve compression, represents almost all repetitive strain injuries of the wrist. It is caused by repeated flexion/extension movements, tight gripping, pressure on the palm and vibrations (vibrating tools), etc...

1 in 4 pregnant women is affected by carpal tunnel syndrome. In this case, the trigger is fluid retention, causing the tissues to swell and compress the median nerve.

130,000: that’s the number of wrist fractures every year, often due to a fall.

Sport is also one of the biggest causes of injury. For example, 3/4 of all handball injuries affect the fingers.

### WRIST, THUMB, ELBOW

#### Which solution for WHICH PRESCRIPTION?

<table>
<thead>
<tr>
<th>THUMB</th>
<th>WRIST</th>
<th>WRIST-THUMB</th>
<th>WRIST-FINGER</th>
<th>FINGER</th>
<th>ELBOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basal joint arthritis</td>
<td>Thumb sprain</td>
<td>Immobilisation Mild to moderate sprain Severe tendinitis Carpal tunnel syndrome (post-surgery)</td>
<td>Specific immobilisation requirements 45° flexion Cubital inclination</td>
<td>After immobilisation Resumption of activities Osteoarthritis Tendinitis</td>
<td>Trauma of the wrist and/or thumb Tendinitis</td>
</tr>
</tbody>
</table>

**Without œdema**

**With œdema**

Find all our products on the following pages.
**WRIST SPLINTS**

**Ligaflex® Action**  
Soft proprioceptive wrist splint with removable palmar stay  
2436 02

**INDICATED FOR**  
Mild wrist sprain  
Tendinitis and wrist tendinopathy  
Chronic, post-traumatic  
or post-operative inflammatory phases of the wrist  
Arthrosis and wrist arthritis

**POINTS TO REMEMBER**  
Evolutis support: conformable and removable palmar stay  
Proprioception: Compressive knitting and additional removable strap to increase the pressure in the pain area  
Comfort: Silicone insert at the ulnar condyle. Anatomical and elastic knitting

**Target Patient**  
Patient without œdema

**Stay kit**  
Ligaflex® Immo  
7080 90

**INDICATED FOR**  
Mild to severe wrist sprain  
Tendinitis and wrist tendinopathy  
Fracture of the scaphoid  
Stable wrist fracture  
Post-traumatic, post-operative and chronic inflammatory phases

**POINTS TO REMEMBER**  
Immobilisation in flexion  
Immobilisation in flexion and ulnar inclination  
Conformable stays

**2 models: right and left**

**Dynastab® Dual**  
7040 02

**POINTS TO REMEMBER**  
Wrist support thanks to the anatomically-shaped palm stay  
Lightweight, breathable 3D knit  
Additional strap for adjustment of immobilisation  
Shorter splint for the resumption of activities  
Ambidextrous model
**Wrist and Thumb Splints**

**Ligaflex® Manu**
Wrist and thumb immobilisation splint
2430 02

**Ligaflex® pro +**
Wrist and thumb immobilisation splint with quick lacing system
2434 02

**Indicated For**
- Scaphoid fracture - Stable wrist fracture
- Moderate to severe thumb sprain
- Fracture of the thumb
- Tendinitis and tendinopathy of the wrist and/or thumb
- Post-traumatic, post-operative and chronic inflammatory state
- Carpal tunnel syndrome - Osteoarthritis and arthritis

**Points to Remember**
- Strict immobilisation of the thumb and wrist:
  - 2 anatomical and conformable stays (palm and thumb column)
  - Comfort: lightweight and breathable 3D knitwear for prolonged wear
  - Lightweight and breathable 3D knit for better moisture-wicking
  - Suitable for long-term wear
  - 2-in-1 straps for an even support
  - 2 models: right and left

**Ligaflex® Rhizo**
Thumb immobilisation splint in analgesic position
7090 02

**Indicated For**
- Moderate thumb sprain
- Tendinitis and thumb tendinopathy
- Osteoarthritis and thumb arthritis

**Points to Remember**
- Immobilisation in a painless position: metal frame
- Comfort: opening at the thumb to prevent any pressure on the painful zone
- Freedom of movement: preserves gripping and pinching movements and range of motion of the wrist
- Breathable: breathable 3D knit
- 2 models: right and left

**PollexMed**
T480212 (50 mm wide strap)
T640202 (lining – one size)

**Points to Remember**
- Immobilisation of the metacarpophalangeal and carpometacarpal articulations of the thumb
- Thermomouldable and anatomical shape for better morphological adjustment
- 2 models: right and left
Ligaflex® Finger
Wrist and finger immobilisation splint
2nd, 3rd or 4th metacarpals
2432 02

---

INDICATED FOR
Finger sprain (2nd, 3rd or 4th)
Finger dislocations (2nd, 3rd or 4th)
Non-displaced fracture of the 2nd, 3rd or 4th metacarpals
Post-operative immobilisation

POINTS TO REMEMBER
Modular immobilisation thanks to conformable stays for:
- Immobilisation of metacarpal-phalangeal joints (A)
- Immobilisation of interphalangeal joints (B)

Adaptability and support 4 straps (2 fixed and 2 removable) and 2 immobilisation possibilities (palmar or dorsal) according to the prescriber’s recommendations

Comfort:
Protected injured fingertips and specific cutting of the wrist strap

Ligaflex® Boxer
Immobilisation splint
wrist, hand, fingers 4th and 5th metacarpals
2431 02

INDICATED FOR
Finger sprain (4th and 5th)
Non-displaced fracture of the 4th and 5th metacarpals
Post-operative immobilisation

POINTS TO REMEMBER
Strict immobilisation of the wrist up to the 4th and 5th fingers:
2 conformable and removable stays with specific angulation (dorsal at 90° and palmar at 20°)

Comfort:
Lightweight and breathable 3D fabric for prolonged wear. Protection of immobilised fingers thanks to interdigital separation

Easy to fit: full opening
2 models: right - left

DigiBand®
Accessory for immobilising fingers in syndactyly
7083 01

INDICATED FOR
Traumatology of fingers (sprain, dislocation)
Resumption of activity/sport

POINTS TO REMEMBER
Immobilisation of fingers in syndactyly
Adaptability:
Adapts to all morphologies (one size fits all)
Comfort:
Interdigital separation to avoid friction
Sold in pairs

Distal phalanx splint
Immobilisation splint for the last 2 phalanges
7084 02

INDICATED FOR
Immobilisation of the last two phalanges
Extension of the distal joint

POINTS TO REMEMBER
Strict immobilisation of the last 2 phalanges: polypropylene splint
Comfort:
Perforated splint to let the immobilised fingers breathe
Sold in bags of 6 splints

---

1 13 - 15 cm
2 15,5 - 17,5 cm
3 18 - 20 cm
4 20,5 - 23 cm

1 4,7 cm
2 5,0 cm
3 5,5 cm
4 6,1 cm
5 6,4 cm
6 7,1 cm
7 7,5 cm
8 8,3 cm

Presentation and fitting video available online

Presentation and fitting video available online

One adaptable size

The edge of the bands can be cut to adjust the height
**Silistab® Epi**

Proprioceptive elbow brace

2305 02

1. 22 - 26 cm
2. 27 - 32 cm
3. 32 - 37 cm

**Epi-Med**

**Preventive rigid armband**

T480013

**Preventive semi-rigid armband**

7007 02

**Condylex**

Preventive semi-rigid armband

7007 02

**Indicated for**

Inflammatory pathologies (acute phase):

- Epicondylitis
- Epitrochleitis

**Points to remember**

Comfort: felt lining for targeted pressure around the epicondyles

Easy fit: pressure adjustment with Velcro fastening system

**ROM Post-Op elbow brace**

U05301

**Indicated for**

Inflammatory pathologies (Prevention of recurrence):

- Epicondylitis
- Epitrochleitis

**Points to remember**

Comfort: silicone inserts for targeted double pressure around the epicondyles and additional inserts included (Flexi Pads) to adjust the pressure

Easy adjustment: pressure adjustment thanks to a Velcro fastening system

**Order in Germany**

Extra tip!

Apply Argicalm to relieve pain!

For presentation and fitting video available online

YouTube
KNEE INJURIES ARE OFTEN LINKED TO SPORTS. FOR EXAMPLE, 1/3 OF SKIING INJURIES INVOLVE THE KNEE.

30% OF ARTHRITIS CASES CONCERN THE KNEE JOINT.

ACTION PRINCIPLE OF THE KNEE BRACES AND KNEE SPLINTS

PROPRIOCEPTIVE KNEE BRACE
Improved proprioception (perception of the body in space) via the use of a compressive knit

PATELLAR KNEE BRACE
Kneecap supported by the silicone ring and proprioceptive effect thanks to the compressive knit

PATELLO-FEMORAL KNEE BRACE
Patella realignment in its physiological axis and proprioceptive effect thanks to compressive knitting

LIGAMENT KNEE BRACE
Supports the knee via the use of hinged rigid reinforcements

OFFLOADING KNEE BRACE
Offload of the damaged compartment thanks to a 3-point system

KNEE SPLINT
Analgesic and protective effect due to complete immobilisation of the knee

---

Which PRESCRIPTION?

Which INDICATION?

KNEE BRACE

- **FLEXIBLE KNEE BRACE** with a proprioceptive effect
  - Limited activity
  - Moderate activity
  - Intense activity

- **PATELLAR KNEE BRACE**
  - Limited activity
  - Intense activity

- **PATELLOFEMORAL KNEE BRACE**
  - Limited activity
  - Intense activity

- **LIGAMENT KNEE BRACE**
  - Acute phase
  - Resumption of sports

KNEE SPLINT

- Immobilisation of knee at 0° or 20°

- **KNEE BRACE FOR OSTEOPOROSIS OF THE KNEE**
  - With flexion/extension adjustment

- **KNEE BRACE FOR OSTEOPOROSIS OF THE KNEE**
  - With flexion/extension adjustment

Find all our products on the following pages.
FLEXIBLE PROPRIOCEPTIVE KNEE BRACES

**GenuSoft**
Proprioceptive knee brace (approximately 17 mmHg)
2320 03

**GenuAction**
Proprioceptive knee brace (approximately 23 mmHg)
2325 02

**GenuExtrem**
Proprioceptive knee brace (approximately 28 mmHg) with flexible side stay
2321 01

**Ligastrap® Genu**
Proprioceptive knee brace (approximately 26 mmHg) with reinforced side support
2170 02

**INDICATED FOR**
Prevention and resumption of activities
Flexible joint support

**TARGET PATIENT**
Patient with limited activity

**POINTS TO REMEMBER**
Comfortable to wear: anatomically-shaped knit with comfort zone behind the knee
Proprioception: elastic compressive knit (approximately 17 mmHg)

**INDICATED FOR**
Prevention and resumption of activities
Flexible joint support

**TARGET PATIENT**
Patient with moderate activity

**POINTS TO REMEMBER**
Comfortable to wear: anatomically-shaped knit with comfort zone behind the knee and over the knee-cap
Proprioception: elastic compressive knit (approximately 23 mmHg)

**INDICATED FOR**
Prevention and resumption of activities
Flexible joint support

**TARGET PATIENT**
Patient with intense activity

**POINTS TO REMEMBER**
Comfortable to wear: anatomically-shaped knit with comfort zones behind the knee and over the kneecap
Support and hold: flexible side stays with anti-slip system
Practical: pull tabs
Proprioception: elastic compressive knit (approximately 28 mmHg)

**INDICATED FOR**
Mild sprain - Resumption of activity - Chronic hyperlaxity

**TARGET PATIENT**
Resumption of sports, sport not authorised with rigid stays

**POINTS TO REMEMBER**
Reinforced support: double strapping system and flexible side stays
Comfortable to wear: anatomically-shaped knit with comfort zones behind the knee and over the kneecap
Practical: pull tabs and fitting guidance on the straps
Proprioception: elastic compressive knit (approximately 26 mmHg)

**Ortel**
Strong elastic thigh guard
2310 01

**INDICATED FOR**
Strong compression of injured muscles (strained, pulled, bruised)
Muscle support

**POINTS TO REMEMBER**
Class 1 elastic compression knitwear (about 1.5 mmHg)

---

1. 32 - 34 cm
2. 35 - 37 cm
3. 38 - 41 cm
4. 42 - 45 cm
5. 46 - 49 cm
6. 50 - 53 cm

---

1. 32 - 34 cm
2. 35 - 37 cm
3. 38 - 41 cm
4. 42 - 45 cm
5. 46 - 49 cm
6. 50 - 53 cm

---

1. 31 - 34 cm
2. 35 - 38 cm
3. 40 - 44 cm
4. 45 - 50 cm
### GenuPro activ
**Patellar knee brace** (approximately 26 mmHg)
2347 02

**INDICATED FOR**
Patellar tendinitis

**TARGET PATIENT**
Following tendinitis in patients taking part in sports

**POINTS TO REMEMBER**
- Kneecap support: patellar insert
- Joint support and hold: flexible side stays with anti-slip system
- Comfort: anatomical knit
- Proprioception: elastic compressive knit (approximately 26 mmHg)

### GenuPro comfort
**Patellar knee brace**

**INDICATED FOR**
Early arthritis

**TARGET PATIENT**
Elderly patients requiring compression and patellar support

**POINTS TO REMEMBER**
- Patellar insert
- Proprioception ensured by the elastic compressive knit
- Flexible side stays
- Comfortable with its hyper-stretchy knit at the back
- Lateral silicone anti-slip system for better hold

### PatellaReliever
**Knee brace with patellar realignment system**
2348 01

**INDICATED FOR**
Patellofemoral syndrome
Patellar instability
Kneecap dislocations and subluxations
Patellofemoral arthritis

**TARGET PATIENT**
Patient with pain behind the kneecap, for example after relatively prolonged sitting, when going down steps

**POINTS TO REMEMBER**
- Kneecap realignment: half-moon patellar insert with strap and lace kneecap traction system
- Joint support: hinged stay
- Hold: silicone integrated into the knit
- Comfort: anatomically-shaped knit with comfort zones
- Practical: anatomically-shaped knit with comfort zones
- 2 models: right - left

### Silistab® Genu
**Patellar knee brace** (approximately 17 mmHg)
2340 05 (white) - 2345 04 (black)

**INDICATED FOR**
Patellar tendinitis
Mild knee osteoarthritis

**TARGET PATIENT**
Patient with limited activity
Patient with mild knee osteoarthritis

**POINTS TO REMEMBER**
- Kneecap support: patellar insert
- Joint support: hinged stay
- Hold: silicone integrated into the knit
- Comfort: anatomically-shaped knit, open behind the knee
- Practical: pull tabs
- 2 models: right - left

### Patellar bandage
**Preventive orthotic**
2304 01

**INDICATED FOR**
Prevention of tendinitis of the patellar tendon - Proprioception

**TARGET PATIENT**
Patient taking part in sports with risk of recurrence

**POINTS TO REMEMBER**
- Kneecap support: anatomical shape applying local pressure over the patellar tendon
- Proprioception: silicone with dimpling for a massage effect

**Note:** If the two measurements do not correspond to the same size, choose the size corresponding to measurement (b).
**Genu Dynastab®**
Ligament knee brace with bi-axial hinge
2370 05

**Genu Ligaflex®**
Ligament knee brace with TMS hinge
2375 03 (closed) - 2375 04 (open)

**Genu Ligaflex® ROM**
Ligament knee brace with flexion-extension adjustment
2386 05 (open)

**GenuControl Bold**
Rigid ligament knee brace with flexion-extension adjustment
GenuControl 7857 01 - Bold U30601 (Scandinavia)

---

### Indicated for

- **Mild to moderate sprain**
- Resumption of activities

### Target patient

- Resumption of sports, patient requiring moderate support

### Points to remember

- **Joint support:** bi-axial hinge
- **Hold:** silicone integrated into the knit
- **Comfort:** anatomically-shaped knit with comfort zones and half-strap to prevent any tourniquet effect

**Practical:** pull tabs

---

### Indicated for

- **Moderate sprain**
- Resumption of sports

### Target patient

- Resumption of sports, patient requiring strong support

### Points to remember

- **Joint support:** TMS hinge reproducing the knee’s natural movements
- **Hold:** silicone integrated into the knit and suspension strap above the calf
- **Comfort:** anatomically-shaped knit with comfort zones and half-strap to prevent any tourniquet effect

**Practical:** pull tabs and different versions to adapt to requirements (short and long version, open or closed model)

---

### Indicated for

- **Severe sprain**
- Rehabilitation

### Target patient

- Patient following severe sprain or during rehabilitation

### Points to remember

- **Joint support and stabilisation:** rigid aluminium frame with TMS+ hinge reproducing the knee’s natural movements
- **Range of motion control:** tool-less limitation of flexion and extension with extensive adjustment range
- **Hold:** suspension strap above the calf
- **Comfort:** plastic end and inner foam lining

---

### Extra tip

To promote the reduction of oedema and relieve pain, apply pressure.
**Rebel® Standard**
U03002

**INDICATED FOR**
Ligament support

**TARGET PATIENT**
Patient requiring ligament support for sports activities

**POINTS TO REMEMBER**
- Held in place by the TMS+ articulation reproducing the natural movement of the knee and the suspension strap
- Stability provided by the aluminium wire frame and the anatomical form of the tibia shell, which stops the brace from twisting on the leg

**Rebel® Pro**
U03102

**INDICATED FOR**
Ligament support

**TARGET PATIENT**
Patient requiring ligament support for high-risk sports activities

**POINTS TO REMEMBER**
- Aluminium more rigid than Standard Rebel
- Compression/Suspension pack for enhanced hold of the brace on the leg
- 2 models: right and left

**Rebel® Lock**
U30202

**INDICATED FOR**
Ligament support

**TARGET PATIENT**
Patient with severe laxity or quadriceps muscle weakness

**POINTS TO REMEMBER**
- Articulation can be fixed in extension by simple pressure
- Stability provided by the aluminium wire frame and the anatomical form of the tibia shell, which stops the brace from twisting on the leg
- 2 models: right and left

**Ligaflex® Immo**
Modular immobilisation splint to fit all body shapes
2400 03

**INDICATED FOR**
Immobilisation - Severe sprains

**TARGET PATIENT**
Patient requiring ligament support

**POINTS TO REMEMBER**
- Immobilisation: 4 conformable stays
- Hold: anti-slip system and tightening straps
- Practical: available with 2 different angles (0° or 20°) and in 2 versions (short or long)

**Ligaflex® Immo 0 and 20°**
Closed immobilisation splint
2410 03 / 2420 03

**INDICATED FOR**
Immobilisation - Severe sprains

**TARGET PATIENT**
Patient wishing a closed splint

**POINTS TO REMEMBER**
- Immobilisation: 3 conformable stays
- Hold: anti-slip system and 4 tightening straps
- Practical: available with 2 different angles (0° or 20°) and in 2 versions (short or long)

**Extra tip**
For the resumption of activities, recommend Ligastrap® Genu to protect the joint!
**Genuimmo® 0 et 20°**
Ventilated immobilisation splint
2415.01 / 2425.01

**INDICATED FOR**
Immobilisation - Severe sprains

**TARGET PATIENT**
Patient with injury requiring treatments

**POINTS TO REMEMBER**
1. **Immobilisation**: 3 conformable stays
2. **Hold**: 4 tightening straps
3. **Comfort**: mobile velcro straps to adapt to the patient’s body shape and condition
4. **Practical**: fitting guidance. Wide openings for easy access to the knee for treatments

**INDICATED FOR**
Rehabilitation - Severe sprains

**TARGET PATIENT**
Patient with a severe ligament injury or post-operatively

**POINTS TO REMEMBER**
- Immobilisation provided by 2 adjustable lateral reinforcements
- SnapLock tool-less height adjustment system
- Tool-less adjustment of the articulation, by 10° steps in flexion and extension
- Extra comfort thanks to its breathable foam inserts
- Easy to put on using the clip buckles

**ROM Suspension solution**
U04804

**INDICATED FOR**
Immobilisation - Severe sprains

**TARGET PATIENT**
Patient with injury requiring treatments

**POINTS TO REMEMBER**
- 3 conformable stays
- 4 tightening straps
- Mobile velcro straps to adapt to the patient’s body shape and condition
- Fitting guidance. Wide openings for easy access to the knee for treatments

**INDICATED FOR**
Rehabilitation - Severe sprains

**TARGET PATIENT**
Patient with a severe ligament injury or post-operatively

**POINTS TO REMEMBER**
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- SnapLock tool-less height adjustment system
- Tool-less adjustment of the articulation, by 10° steps in flexion and extension
- Extra comfort thanks to its breathable foam inserts
- Easy to put on using the clip buckles

**ROM-R**
Hinged knee immobilisation brace
U04602

**CE marking pending**
**KNEE BRACE FOR OSTEOARTHRITIS**

### ActionReliever

**Flexible offloading knee brace for medial or lateral knee osteoarthritis**

2349 01

**INDICATED FOR**
Mild to moderate knee osteoarthritis (medial or lateral)

**TARGET PATIENT**
Patient with mild to moderate pain.
Patient with moderate activity

**POINTS TO REMEMBER**
Offloading of the injured compartment: 3-point support system thanks to inelastic straps that ensure maximum offloading of the knee in extension
Stabilisation of the joint: rigid joint on the injured side and flexible on the healthy side and patellar silicone insert
Support and comfort: silicone integrated into the knit and anatomical knitting with comfort areas
Available in medial left / lateral right and medial right / lateral left

<table>
<thead>
<tr>
<th>A (cm)</th>
<th>B (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>38 - 41 cm</td>
</tr>
<tr>
<td>2</td>
<td>42 - 45 cm</td>
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<td>3</td>
<td>45 - 48 cm</td>
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<tr>
<td>7</td>
<td>56 - 59 cm</td>
</tr>
<tr>
<td>8</td>
<td>61 - 66 cm</td>
</tr>
</tbody>
</table>

### RebelReliever®

**Rigid offloading knee brace for medial or lateral osteoarthritis of the knee**

U03309

**INDICATED FOR**
Medial or lateral osteoarthritis of the knee

**TARGET PATIENT**
Arthritic patient requiring maximum offloading

**POINTS TO REMEMBER**
Offloading of the damaged compartment: 3-pressure point system with Loadshifter system
Freedom of movement: TM5 hinge reproducing the knee natural movements.
Open zone at the back of the knee
Hold: suspension strap above the calf and specially shaped tibial shell to prevent rotation
Comfort: inner foam lining
Practical: fitting buckle and tool-less adjustment of offloading level (Snap lock system)

**Standard sizes**

<table>
<thead>
<tr>
<th>(a)</th>
<th>15 cm above the knee</th>
</tr>
</thead>
<tbody>
<tr>
<td>XS</td>
<td>31 - 39 cm</td>
</tr>
<tr>
<td>S</td>
<td>39 - 47 cm</td>
</tr>
<tr>
<td>M</td>
<td>47 - 53 cm</td>
</tr>
<tr>
<td>L</td>
<td>53 - 60 cm</td>
</tr>
<tr>
<td>XL</td>
<td>60 - 64 cm</td>
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<tr>
<td>XXL</td>
<td>64 - 71 cm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(b)</th>
<th>15 cm below the knee</th>
</tr>
</thead>
<tbody>
<tr>
<td>XS</td>
<td>7.5 - 9 cm</td>
</tr>
<tr>
<td>S</td>
<td>9 - 10 cm</td>
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<tr>
<td>M</td>
<td>10 - 11.5 cm</td>
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<tr>
<td>L</td>
<td>11.5 - 12.5 cm</td>
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<tr>
<td>XL</td>
<td>12.5 - 14 cm</td>
</tr>
<tr>
<td>XXL</td>
<td>14 - 15.5 cm</td>
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<table>
<thead>
<tr>
<th>(c)</th>
<th>15 cm above the knee</th>
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<tbody>
<tr>
<td>XS</td>
<td>28 - 32 cm</td>
</tr>
<tr>
<td>S</td>
<td>31 - 35 cm</td>
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<tr>
<td>M</td>
<td>34 - 38 cm</td>
</tr>
<tr>
<td>L</td>
<td>37 - 40 cm</td>
</tr>
<tr>
<td>XL</td>
<td>38 - 43 cm</td>
</tr>
<tr>
<td>XXL</td>
<td>43 - 48 cm</td>
</tr>
</tbody>
</table>

**Adapted sizes**

<table>
<thead>
<tr>
<th>(a)</th>
<th>15 cm above the knee</th>
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<tbody>
<tr>
<td>S/XS</td>
<td>39 - 47 cm</td>
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<tr>
<td>S/M</td>
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<td>M/S</td>
<td>47 - 53 cm</td>
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<tr>
<td>M/L</td>
<td>47 - 53 cm</td>
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<tr>
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<td>53 - 60 cm</td>
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<tr>
<td>L/XL</td>
<td>53 - 60 cm</td>
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<tr>
<td>XL/L</td>
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<tr>
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<td>34 - 38 cm</td>
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<tr>
<td>M/L</td>
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**See CLINICAL STUDIES pages 12 to 15**
ANKLE

6,000 people consult a health professional every day for an ankle sprain, i.e. 250 per hour. Athletes and young people who are still growing are the most affected.

Did YOU KNOW?

PROPRIOCEPTIVE ANKLE BRACE
Improved proprioception (perception of the body in space) via the use of a compressive knit

LIGAMENT ANKLE BRACE
Holds the ankle in an anatomical position using elastic straps

ANKLE SPLINT
Analgesic and protection action through a more firm immobilisation of the ankle. Its compressive effect can help reduce oedema

WALKING BOOT
Analgesic action through immobilisation of the ankle, reduction of the oedema thanks to adjustable compression, also suitable for managing post-operative treatment

ACTION PRINCIPLE
OF ANKLE BRACES, ANKLE SPLINTS AND WALKING BOOTS

ANKLE
Which solution for WHICH CONDITION

Which PRESCRIPTION?

Which INDICATION?

ANKLE BRACE
- Achilles tendon tendinitis
- Severe sprain following a malleolar fracture
- Fracture of the lower third of the leg

ANKLE SPLINT
- Mild sprain
- Moderate sprain
- Resumption of sports following trauma
- Chronic laxity

WALKING BOOT
- Sprain
- Residual effects of sprains
- Following a malleolar fracture
- Fracture of the lower third of the leg

PROPRIOCEPTIVE ANKLE BRACE
- Limited activity
- Mild indeterminate pain and/or resumption of activities - Proprioception
- Residual effects of sprains

LIGAMENTS ANKLE BRACE
- Limited activity
- Moderate activity
- Intense activity
- Linear sports
- Pivot sports
- Basketball, volleyball, etc.

ACHILLES TENDON ANKLE BRACE
- Limited activity
- Moderate activity
- Intense activity
- Silistab®
- ACHILLES Malleo®
- Soft Malleo®
- Action Malleo®
- Pro activ Malleo®
- Ligacast®
- Air+ Malleo®
- Ligacast® Immo
- Dynastab®

ANKLE BRACE
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- Moderate activity
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- Ligacast® Immo
- Dynastab®
MalleoSoft
Proprioceptive ankle brace
(about 17 mmHg)
3600 02

INDICATED FOR
Mild undetermined pain
Sprain sequelae
Prevention and recovery

TARGET PATIENT
Patient with limited activity

POINTS TO REMEMBER
Proprioception: elastic compressive knitwear (about 17 mmHg).
Comfort: anatomical knitting with comfort areas on the malleoli.

MalleoAction
Proprioceptive ankle brace
(about 22.5 mmHg)
2361 02

INDICATED FOR
Mild undetermined pain
Sprain sequelae
Prevention and resumption of activity

TARGET PATIENT
Patient with moderate activity

POINTS TO REMEMBER
Proprioception: elastic compressive knitwear (about 22.5 mmHg).
Comfort: anatomical knitting with comfort areas on the malleoli.
Practical: pull tabs.

Silistab® Malleo
Proprioceptive ankle brace with malleolar protection
(about 21 mmHg)
2365 01

INDICATED FOR
Malleolar protection
Sprain sequelae
Prevention and recovery

TARGET PATIENT
Patient with moderate activity

POINTS TO REMEMBER
Proprioception: elastic compressive knitwear (about 21 mmHg).
Comfort: anatomical knitting.
Specific protection for malleoli and instep: silicone inserts.

Silistab® Achillo
Proprioceptive ankle brace for Achilles tendon
(about 23 mmHg)
2355 02

INDICATED FOR
Prevention and management of Achilles tendon pathologies
Achilles tendon tenosynovitis

TARGET PATIENT
Patient with moderate activity

POINTS TO REMEMBER
Offloading of the Achilles tendon: stackable silicone heel pieces permitting 3 offloading heights (5, 8 or 13 mm).
Tendon protection and relief: peri-Achilles silicone insert with dimpling for a massage effect.
Comfort: comfort zone over the malleoli.
Practical: pull tabs.
Proprioception: elastic compressive knit (approximately 23 mmHg).

Heel pieces included

Presentation and fitting video available online
**PRÉSENTATION ET ÉQUIPEMENT**

**MalleoPro activ**
Proprioceptive ankle brace (about 27 mmHg) reinforced with supination brake
2368 02

**INDICATED FOR**
Sprain and sprain sequelae
Post-traumatic or post-operative inflammatory phases
Prevention and resumption of activity

**TARGET PATIENT**
Patient with intense activity

**POINTS TO REMEMBER**
Reinforced support: integrated supination brake to limit ankle rotation
Malleolus protection: silicone inserts
Proprioception: elastic compressive knitwear (about 27 mmHg)
Comfort: anatomical knitting
2 models: right and left

**Ligastrap® Malleo**
Ligament and proprioceptive ankle brace (about 27.5 mmHg) with reinforced bilateral support
2180 03

**INDICATED FOR**
Stage I to II sprain of the ELL
Chronic hyperlaxity
Resumption of activity

**TARGET PATIENT**
Patients practicing linear sports
Patients with moderate activity

**POINTS TO REMEMBER**
Support: double stabilising strap for lateral ligaments and additional strap for light eversion
Proprioception: elastic compressive knitwear (about 27.5 mmHg)
Comfort: anti-slip on the calf

---

**ANKLE SPLINTS**

**MalleoDynastab® BOA**
Ankle brace with reinforced bilateral support
2351 02

**INDICATED FOR**
Mild, moderate or severe ankle sprain
Prevention of chronic instability
Sport resumption phase

**TARGET PATIENT**
Patients practicing pivot sports (basketball, volleyball, handball...)

**POINTS TO REMEMBER**
Increased ankle stabilisation: lightweight metal reinforcements and strapping
Easy fastening: Boa® tightening system for even tightening that does not loosen over time
Easy fitting: wide opening to make it easier to put on and take off
Comfort: slim, anatomical design so that it can be worn in most types of shoes. Micro-ventilated 3D knit to wick away moisture

Also available with lace-up fastening:
**MalleoDynastab®**
2350 03

---

**PROTOCOL RICE**

**R**elative rest:
Then use, for example, Globe Trotter walking sticks when travelling

**I**ce:
For example, apply Argicalm (size 2) for 20 minutes

**C**ompression:
Use for example Venoflex FAST medical compression socks

**E**levation:
Raise the injured limb when sitting or lying

---

**Pointure**

1. 19 - 22 cm
2. 22 - 26 cm
3. 26 - 30 cm
4. 28 - 29 cm
5. 30 - 31 cm
6. 32 - 33 cm
7. 34 - 35 cm
8. 36 - 38 cm
**INDICATED FOR**
Moderate to severe sprain

**POINTS TO REMEMBER**
Support: rigid lateral shells with asymmetrical hollows for the malleoli and additional reinforcement thanks to the removable strapping strap
Comfort: thermoregulating inner lining for prolonged wear
Easy to fit: closure with pulley system and Velcro straps
*2 models: right and left*

---

**INDICATED FOR**
Moderate to severe sprain (functional or postoperative treatment)
Malleolar fractures (treatment during rehabilitation)

**POINTS TO REMEMBER**
Immobilisation: lateral rigid shells
Comfort: inflatable inserts with inflator bulb (included) for morphological adaptation after fitting the splint
Easy to fit: Velcro straps and adjustable calcaneal strap

*2 models: right and left*
**WALKING BOOTS**

---

**XLR8**

Rigid shell walking boot with inflatable inserts

**INDICATED FOR**
Severe ankle sprain
Stable or stabilised fractures by surgery of the lower third of the leg, ankle or foot

**POINTS TO REMEMBER**
- **Strict immobilisation:** integral rigid shell
- **Adjustable:** air cells integrated into the boot to adjust the pressure according to the oedema and for an optimal anatomical adaptability
- **Easy to fit:** full opening shoe thanks to the removable rigid shell
- **Comfort:** curved anti-slip sole for a natural and comfortable walk and protection of the toes thanks to the adjustable arch (3 positions)
- **Easy-care:** removable and washable inside slipper

2 models: long and short

**Shoe size**

- **XS:** < 35
- **S:** 35 - 38
- **M:** 39 - 43
- **L:** 44 - 47
- **XL:** > 47

---

**TD FIX Walker**

Walking boot with rigid side uprights

**INDICATED FOR**
Injuries and surgeries of the foot, toes and ankle:
- Mild, moderate or severe ankle sprains
- Stable fractures of the foot or ankle

**POINTS TO REMEMBER**
- **Support:** conformable metal side reinforcements
- **Comfort:** curved sole for natural walking and good stability
- **Convenience:** adjustable Velcro straps
- **Easy-care:** removable and washable inside slipper

2 models: long and short

**Shoe size**

- **XS:** < 35
- **S:** 35 - 38
- **M:** 39 - 43
- **L:** 44 - 47
- **XL:** > 47

---

**TD ROM Walker**

Articulated walking boot with flexion/extension adjustment

**INDICATED FOR**
Injuries and surgeries of the foot, toes and ankle:
- Mild, moderate or severe ankle sprains
- Stable fractures of the foot or ankle

**POINTS TO REMEMBER**
- **Support:** conformable aluminium side uprights
- **Range of motion control:** limitation of flexion/extension
- **Comfort:** curved sole for natural walking and good stability

2 models: long and short

**Shoe size**

- **XS:** < 35
- **S:** 35 - 38
- **M:** 39 - 43
- **L:** 44 - 47
- **XL:** > 47

---

**TD Air Walker**

Walking boot with fixed uprights and inflatable inserts

**INDICATED FOR**
Injuries and surgeries of the foot, toes and ankle:
- Mild, moderate or severe ankle sprains
- Stable fractures of the foot or ankle

**POINTS TO REMEMBER**
- **Support:** conformable aluminium side uprights
- **Adaptability:** inflatable slipper (integrated pump) to adjust the pressure according to the oedema and for an optimal anatomical adaptability
- **Comfort:** curved sole for natural walking and good stability

2 models: long and short

**Shoe size**

- **XS:** < 35
- **S:** 35 - 38
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- **XL:** > 47

---

Presentation and fitting video available online

---

**ANKLE**

85
<table>
<thead>
<tr>
<th>Condition</th>
<th>Foot Lifter</th>
<th>Offloading Shoes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bursitis</td>
<td>Heel offloading in the event of:</td>
<td>Forefoot offloading in the event of:</td>
</tr>
<tr>
<td>Metatarsalgia</td>
<td>Plantar ulcer Following surgery</td>
<td>Plantar ulcer Following surgery</td>
</tr>
<tr>
<td>Plantar fasciitis</td>
<td></td>
<td>Injuries and fractures</td>
</tr>
<tr>
<td>Heel spurs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Which condition?**

**Which indication?**

**Which prescription?**
**Pedipro**
Shock-absorbing heel pieces and insoles
6510 01 - 6500 01

**Points to Remember**
Distribution and absorption of vibrations: flexible silicone
Comfort and breathability: ventilation channels
Reinforced hold: non-slip pads
Sold in pairs
Under-heel thickness: 8 mm

**Indicated for**
Joint shock absorption
Bursitis
Plantar fasciitis

---

**Podosil**
T478801

**Indicated for**
Flat foot overloading syndrome, osteoarthritis, heel spur, offloading in the event of ankle, knee or hip joint replacement

**Points to Remember**
Silicon visco-elastic insoles with hypo-allergenic coating
Additional unloading of the heel spur thanks to a dedicated concave zone
Extra comfort from the cotton lining, that is easily tolerated by the skin
Sold in pairs

---

**Sohli**
T479841

**Indicated for**
Medial calcaneal correction

**Points to Remember**
Increased comfort with textile covering on the foot side
Thin sides with no compression points

---

**Pedipro softer**
Heel pieces with modular insert depending on condition
6605 01

**Indicated for**
Joint shock absorption
Heel spurs

**Points to Remember**
Flexible silicone providing shock absorption and distribution
Progressive heel inserts with concave areas for suitable inserts: aniseed green insert for heel spur comfort, blue insert for healthy feet or other conditions
Comfortable thanks to ventilation channels for better air flow
High sides for better fit inside shoe
Sold in pairs

---

**Pedipro plus**
Shock-absorbing insoles and heel pieces with antibacterial cotton coating
6610 01 - 6600 01

**Indicated for**
Joint shock absorption
Metatarsalgia
Plantar fasciitis

**Points to Remember**
Distribution and absorption of vibrations: flexible silicone
Hygiene and comfort: antibacterial surface and anatomically shaped inserts at the heel and metatarsals (insole) or at the heel spur (heel piece)
Reinforced hold in the shoe: non-slip pads
Sold in pairs
Under-heel thickness: 10 mm

---

**Foot Insoles and Heel Pieces**

**Indicated for**
Flat foot overloading syndrome, osteoarthritis, heel spur, offloading in the event of ankle, knee or hip joint replacement

**Points to Remember**
Silicon visco-elastic insoles with hypo-allergenic coating
Additional unloading of the heel spur thanks to a dedicated concave zone
Extra comfort from the cotton lining, that is easily tolerated by the skin
Sold in pairs
Under-heel thickness: 8 mm

---

**Shoe Size and Length**

<table>
<thead>
<tr>
<th>Shoe Size</th>
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</tr>
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<tbody>
<tr>
<td>35 - 36</td>
<td>22.1 - 23</td>
</tr>
<tr>
<td>37 - 38</td>
<td>23.7 - 24.9</td>
</tr>
<tr>
<td>39 - 40</td>
<td>25 - 25.7</td>
</tr>
<tr>
<td>41 - 42</td>
<td>26.3 - 27.2</td>
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<tr>
<td>43 - 44</td>
<td>27.7 - 28.3</td>
</tr>
<tr>
<td>45 - 46</td>
<td>28.7 - 29.7</td>
</tr>
<tr>
<td>47 - 48</td>
<td>30.3 - 31</td>
</tr>
</tbody>
</table>

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**Heel Inserts**

<table>
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<tr>
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<tbody>
<tr>
<td>1 38 - 39</td>
<td>19.0 - 19.7</td>
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<tr>
<td>2 40 - 40</td>
<td>20.0 - 20.7</td>
</tr>
<tr>
<td>3 41 - 41</td>
<td>21.1 - 21.7</td>
</tr>
<tr>
<td>4 42 - 42</td>
<td>22.2 - 22.7</td>
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**Europe**

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---

**Thuisne | 89**
**HEEL INSERTS**

**Elastocalx N**
T479801

**INDICATED FOR**
Osteoarthritis of the ankle, knee and hip joints - degenerative diseases of the spine - Achilles tendon irritation - muscle and tendon disorders - overuse syndrome - differences in leg length - tilted pelvis

**POINTS TO REMEMBER**
Symmetrical, flat ended without sides
Easily fits into most types of shoes
Composition: silicon
Single right/ left model

**Elastocalx S/P**
T479811

**INDICATED FOR**
Correction of supination (outward rolling of the foot) and pronation (inward rolling of the foot) - valgus and varus deformity of legs (knock-kneed or bow-legged)

**POINTS TO REMEMBER**
Easily fits into most types of shoes
Composition: silicon
Single right/ left model

**ElastocalxPlus**
T479821

**INDICATED FOR**
Heel spur (bony outgrowth under the heel) - relief of pressure on the heel

**POINTS TO REMEMBER**
Soft zone at the heel spur
Composition: silicon
Single right/ left model

**ElastocalxFlex**
T479911

**INDICATED FOR**
Heel spur (bony outgrowth under the heel) - relief of pressure on the heel

**POINTS TO REMEMBER**
Honeycomb structure around the heel
Easily fits into most types of shoes
Composition: silicon
Single right/ left model

**OFFLOADING SHOES**

**Podo-med T500501**
Heel offloading shoe

**INDICATED FOR**
Post-operative use
Plantar ulcers
Injuries and fractures

**POINTS TO REMEMBER**
Offloading: integrated plantar sole, adjustable by moulding
Comfort: seamless interior to avoid pressure areas
Easy to fit and care: complete opening of the shoe and adjustment by Velcro straps

**Podo-med T500301**
Forefoot offloading shoe

**INDICATED FOR**
Post-operative use after forefoot surgery
Plantar ulcers
Injuries and fractures

**POINTS TO REMEMBER**
Offload: wedge shaped base with dorsal flexion at 10°
Foot protection: extended sole
Comfort: rounded heel for a safe and comfortable walk. Seamless interior to avoid pressure areas
Easy to fit and care: complete opening of the shoe and adjustment by Velcro strap

**Podo-med T500451**
Forefoot offloading shoe with a long sole without edges

**INDICATED FOR**
Heel spur (bony outgrowth under the heel) - relief of pressure on the heel

**POINTS TO REMEMBER**
Honeycomb structure around the heel
Easily fits into most types of shoes
Composition: silicon
Single right/ left model

**Podo-med T500471**
Forefoot offloading shoe with long sole and forefoot support strap

**INDICATED FOR**
Post-operative use after forefoot surgery
Plantar ulcers
Injuries and fractures

**POINTS TO REMEMBER**
Offload: wedge shaped base with dorsal flexion at 10°
Foot protection and support: extended sole and end of foot fitting with Velcro strap
Comfort: rounded heel for a safe and comfortable walk. Seamless interior to avoid pressure areas

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ANKLE & FOOT
ORTHOSES

POINTS TO REMEMBER
Short brace, extends above the malleoli
Its design allows it to be discreetly inserted into the shoe
Models: right - left

POINTS TO REMEMBER
Effective right-angle foot support to secure the walking motion
Extra comfort thanks to its anatomical shape and light weight
Its design allows it to be worn with all types of flat shoes
Models: right - left

POINTS TO REMEMBER
Effective right-angle foot support to secure the walking motion
Extra comfort thanks to its anatomical shape and light weight
Simple to use thanks to the Velcro fastening which allows for a better morphological adjustment
For right-time use, not recommended for walking
Models: right - left

ORDER IN GERMANY

Pero-med
T479122

ORDER IN GERMANY

Pero-med AFO III/II
T479652

ORDER IN GERMANY

Pero-med Adapt
T479601

ORDER IN GERMANY

HalluxPro night
T479302

ORDER IN GERMANY

Shoe size
Length (cm)
S 33 - 34 24,3
M 35 - 37 24,5 - 26,2
L 39 - 41 > 26,3

Shoe size
Length (cm)
S 35 - 37 24,3
M 37 - 39 24,5 - 26,2
L 41 - 44 > 26,3
SpryStep® range
Dynamic ankle-foot orthosis (AFO)

**Flexible**

- **SpryStep® flex**
  Dynamic spiral strut AFO
  U01753

- **SpryStep® original**
  Dynamic spiral strut AFO
  U01703

- **SpryStep® pediatric**
  Dynamic spiral strut AFO
  U01712

**Rigid**

- **SpryStep® plus**
  Dynamic anterior AFO
  U01722

- **SpryStep® max**
  Dynamic anterior AFO
  U01732

**Indicated For**

- Foot drop of neurological, traumatic or muscular origin

**Points to Remember**

- Adapted for the most active patients
  The unique design of the SpryStep® flex and its flexibility provides the ability to fit patients with mild foot drop. Additionally the most active patients (marathon runners etc.) can benefit from its unique dynamic properties without risk of breakage or delamination.

- Proprietary Fabrication
  The unique blend of materials used in the SpryStep® flex, combined with the spiral geometry of the strut, creates an extremely durable AFO with a signature blue strut.

- Posterior lateral strut
  The spiral strut is uniquely positioned behind the malleoli to amplify energy return and fit more easily into most shoes.

- Dynamic spiral strut AFO
  U01753

- Dynamic anterior AFO
  U01722

**Design Achievements**

- Geometry and material diversity achieve a necessary interaction of flexibility and stiffness during the gait cycle

- Mild quadriceps weakness
  Hip hiking

- Proprietary Fabrication
  The unique blend of materials used in the SpryStep® flex, combined with the spiral geometry of the strut, creates an extremely durable AFO with a signature blue strut.

- The spiral strut is uniquely positioned behind the malleoli to amplify energy return and fit more easily into most shoes.

- Dynamic spiral strut AFO
  U01753

- Dynamic anterior AFO
  U01722

**Points to Remember**

- A combination of optimal geometry and well-balanced material selection deliver a “spry” gait for the patient

- The spiral strut applied to an anterior shell design provides effective dynamic reaction, especially noticeable on sloped surfaces

- Anatomical padding
  The anterior shell is lined with an elegantly engineered 3D-shaped pad featuring a recessed tibia crest relief zone

- Dynamic response and enhanced knee
  Stabilization provided by the full anterior shell design
### JUNIOR RANGE

Which solution for
WHICH CONDITION

<table>
<thead>
<tr>
<th>TORSO AND UPPER LIMBS</th>
<th>LOWER LIMB</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERVICAL COLLAR</td>
<td>LOWER LIMB</td>
</tr>
<tr>
<td>CLAVICULAR STRAPS</td>
<td>LOWER LIMB</td>
</tr>
<tr>
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#### Which PRESCRIPTION?

- Cervical spine pain
- Clavicle fracture
- Epiphysial and tendon injuries of the wrist or thumb
- Fracture of the scaphoid
- Epiphysial injury of the wrist
- Wrist tendinitis
- Epiphysial injury of the knee
- Knee immobilisation at 0°
- Proprioception
- Epiphysial injury
- Malleolar fractures

---

**JUNIOR RANGE**

- Orteo Cerv junior
- Liga fl ex junior
- Manu rhizo junior
- Manu Immo 0° junior
- Genu Action junior
- Liga fl ex junior
- Immo 0° junior
- Malleo Action junior
- Ligacast junior

---

**THUASNE | 97**
FERMÉE

Pointure

Universal size (shoulder width < 34 cm)

Height 6 cm

24 - 27 cm

10 - 13 cm

28 - 31 cm

16 - 19 cm

< 1,40 m

INDICATED FOR

Fracture of the clavicle with or without displacement

POINTS TO REMEMBER

Adaptability: trimmable straps to fit all patients (one size fits all)

Easy to fit: Velcro system and buckle closure

Comfort: dorsal foam anchoring pad and quilted straps

INDICATED FOR

Immobilisation

Serious sprain

POINTS TO REMEMBER

Immobilisation: 4 conformable stays

Easy to fit: full opening and Velcro fastening straps

INDICATED FOR

Benign to severe wrist sprains

Fracture of the scaphoid

Stable wrist fracture

Post-traumatic, post-operative and chronic inflammatory phases

POINTS TO REMEMBER

Strict immobilisation of the thumb and wrist: 2 conformable anatomical stays (palm and thumb column)

Comfort: foam-lined interior for comfortable daily wear

Easy-to-fit: 4 Velcro fastening straps

2 models: right and left

INDICATED FOR

Moderate or severe sprains (functional or postoperative treatment)

Malleolar fractures (treatment during rehabilitation).

POINTS TO REMEMBER

Immobilisation of the ankle: lateral rigid shells

Comfort: quilted foam inserts

Easy to fit: strap adjustment by Velcro

Adaptability: height-adjustable calcaneal strap for adaptation to the patient’s morphology

INDICATED FOR

Muscle contractures

POINTS TO REMEMBER

Modular support: high quality foam with removable rigid reinforcement

Support: precise adjustment by Velcro fastener

INDICATED FOR

Fracture of the scaphoid. Stable wrist fracture.

Moderate to severe thumb sprain.

Fractured thumb. Tendonitis and tendinopathies (of the thumb and/or wrist).

Post-traumatic, post-operative and chronic inflammatory phases

POINTS TO REMEMBER

Strict immobilisation of the thumb and wrist: 2 conformable anatomical stays (palm and thumb column)

Comfort: foam-lined interior for comfortable daily wear

Easy to fit: 3 Velcro fastening straps

2 models: right and left

INDICATED FOR

Prevention and resumption of activity

Flexible joint support

POINTS TO REMEMBER

Immobilisation: 4 conformable stays

Easy to fit: full opening and Velcro fastening straps

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Immobilisation: 4 conformable stays

Easy to fit: full opening and Velcro fastening straps

INDICATED FOR

Mild undetermined pain

Sprain sequelae

Prevention and resumption of activity

POINTS TO REMEMBER

Proprioception: elastic compressive knitwear (about 22.5 mmHg)

Comfort: anatomical knitting with comfort areas on the malleolus

Practical: pull tabs

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Prevention and resumption of activity

POINTS TO REMEMBER

Proprioception: elastic compressive knitwear (about 22.5 mmHg)

Comfort: anatomical knitting with comfort areas on the malleolus

Practical: pull tabs
Indications: prevention of postures and movements that are painful for the back. Resumption of activities following low back pain or lumbago.

Properties: slim, lightweight materials (that can be worn next to the skin). Fast-drying, antibacterial, ventilated elastic fabric.

Lumbar support belt
ref. 0361

Indications: prevention of joint injuries. Resumption of activities following the effects of injury. Weakness of the shoulder joints

Thermal insulation: neoprene

Anatomical fit: elastic knit coating

Neoprene shoulder padding
ref. 0376

Indications: prevention of tendonitis and tennis elbow. Resumption of sports activities

Modular product: prevention and mute pain

Evaporation of perspiration: perforated neoprene

Anatomical fit: anatomically-shaped cut-outs

Anti-epicondylitis elbow brace
ref. 0336

Indications: prevention of ligament injuries (sprains). Resumption of activities after injury

Reinforces the wrist: strong compression strap

Evaporation of perspiration: breathable strap

Anatomical fit: one size only

Strapping wrist band
ref. 0340

Indications: prevention of ligament injuries (sprains). Resumption of activities after injury

Reinforced support: complete cover of the joint

Thermal insulation: neoprene

Anatomical fit: elastic knit coating

One size only

Neoprene wrist support
ref. 0575

Indications: mild wrist sprains (functional treatment)

Properties: firm support of wrist in correct position (anatomical and conformable stay). Boa® closure system for easy, uniform tightening

Optimum comfort: ventilated fabric, inner foam lining

One size only

Wrist immobilisation brace
with Boa Fit System
ref. 0356

Indications: mild wrist sprains (functional treatment)

Properties: firm support of wrist in correct position (anatomical and conformable stay). Boa® closure system for easy, uniform tightening

Optimum comfort: ventilated fabric, inner foam lining

One size only

Strapping thumb brace
ref. 0332

Indications: prevention of ligament injuries (sprains). Resumption of activities after sprain. Fragile thumb ligaments

Wrist/thumb support: elastic straps

Evacuation of perspiration: perforated neoprene

Anatomical fit: anatomical shapes

Stability

Boa® is a registered trademark of Boa® Technology Inc.
### Stability

**Patellar bandage**
ref. 0329

Indications: absorption of vibrations (prevention of the effects of patellar tendinitis, jumper’s knee), femoro-patellar syndrome, quadriceps tendinitis

Comfort: absorbs vibrations

Stimulation of proprioception: silicone combined with the fabric band

---

**Neoprene thigh support**
ref. 0572

Indications: muscle tears in the acute phase or during the physiotherapy phase

Muscle pulls. Muscle strains

Thermal insulation: neoprene

---

**Neoprene knee support**
ref. 0573

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak knee ligaments.

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

---

**Open strapping knee brace**
ref. 0571

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak ankle ligaments

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

---

**Novelastic knee strap**
ref. 0370

Indications: functional treatment of mild to medium knee sprains. Resuming activity after a severe sprain including surgery

Properties: practical cross-over straps to strengthen the lateral support. Polyamide knit coating for better stability. Comfortable knitted patch at the kneecap and the popliteal area

---

**Reinforced knee support**
ref. 0378

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak knee ligaments

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

Better joint support: lateral stays

---

**Open ankle support**
ref. 0306

Indications: gentle support for fragile or painful ankles (mild sprains, etc.)

Compressive knit: improved proprioception

Comfort zone: easy centring of the kneecap

Enhanced stretch: provides greater comfort, avoids excessive thicknesses

---

**Neoprene ankle support**
ref. 0354

Indications: patellar tendinitis and cartilage pain in the kneecap. Mild sprain of the lateral ligaments of the knee. Resumption of sporting activities following mild knee sprains and injuries

Properties: comfort and guiding zone at the kneecap (patellar ring), comfort zone at the back of the knee. Flexible side stays ensuring good support

---

**Reinforced patellar knee brace**
ref. 0355

Indications: patellar tendinitis and cartilage pain in the kneecap. Mild sprain of the lateral ligaments of the knee. Resumption of sporting activities following mild knee sprains and injuries

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ref. 0572

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Muscle pulls. Muscle strains

Thermal insulation: neoprene

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**Patellar bandage**
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Comfort: absorbs vibrations

Stimulation of proprioception: silicone combined with the fabric band

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**Neoprene knee support**
ref. 0573

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak knee ligaments.

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

---

**Open strapping knee brace**
ref. 0571

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak ankle ligaments

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

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Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

Better joint support: lateral stays

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ref. 0572

Indications: muscle tears in the acute phase or during the physiotherapy phase

Muscle pulls. Muscle strains

Thermal insulation: neoprene

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ref. 0329

Indications: absorption of vibrations (prevention of the effects of patellar tendinitis, jumper’s knee), femoro-patellar syndrome, quadriceps tendinitis

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Stimulation of proprioception: silicone combined with the fabric band

---

**Neoprene knee support**
ref. 0573

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak knee ligaments.

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

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**Open strapping knee brace**
ref. 0571

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak ankle ligaments

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

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**Novelastic knee strap**
ref. 0370

Indications: functional treatment of mild to medium knee sprains. Resuming activity after a severe sprain including surgery

Properties: practical cross-over straps to strengthen the lateral support. Polyamide knit coating for better stability. Comfortable knitted patch at the kneecap and the popliteal area

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**Reinforced knee support**
ref. 0378

Indications: prevention of ligament injuries (sprains). Resumption of activities after a sprain. Weak knee ligaments

Thermal insulation: neoprene

Stimulation of proprioception: elastic knit coating

Better joint support: lateral stays

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**Open ankle support**
ref. 0306

Indications: gentle support for fragile or painful ankles (mild sprains, etc.)

Compressive knit: improved proprioception

Comfort zone: easy centring of the kneecap

Enhanced stretch: provides greater comfort, avoids excessive thicknesses

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**Neoprene ankle support**
ref. 0354

Indications: patellar tendinitis and cartilage pain in the kneecap. Mild sprain of the lateral ligaments of the knee. Resumption of sporting activities following mild knee sprains and injuries

Properties: comfort and guiding zone at the kneecap (patellar ring), comfort zone at the back of the knee. Flexible side stays ensuring good support
Braces

**Ankle support**
ref. 0333

**Indications:** gentle support for fragile or painful joints (mild sprains, etc.)

**Compressive knit:** improve proprioception

**Comfort zone:** easy centring of the malleolus

**Enhanced stretch:** provides greater comfort; avoids excessive thicknesses

**Reinforced ankle support**
ref. 0353

**Indications:** mild ankle sprains in athletes. Resumption of sporting activities following ankle sprains and injuries (including after surgery)

**Properties:** the elastic knit exerts uniform pressure on the joint and improves proprioception (the joint’s sensory perception)

**Comfort zone over the malleolus**

**Strapping ankle brace**
ref. 0330

**Indications:** prevention of ligament injuries (sprains)

**Resumption of activities after a sprain. Weak ankle ligaments**

**Perfect support for the ankle: elastic straps**

**Evacuation of perspiration:** perforated neoprene

**Anatomical fit:** adjustable neoprene tab

**Novelastic ankle strap**
ref. 0280

**Indications:** functional treatment of benign and medium lateral collateral or medial collateral ligament sprains. Resuming activity after a medium to a severe strain

**Properties:** two-way support straps "in an 8” (for a sprain of the lateral collateral or medial collateral ligament) protecting the flexion-extension. Extra thick sole for more comfort

**Stabilising ankle brace Boa®**
ref. 0351

**Indications:** mild and moderate ankle sprains in athletes. Resumption of sporting activities following ankle sprains and injuries

**Properties:** rigid side reinforcements to ensure ankle stability. Boa closure system: fast and reliable.

**Slim product that fits easily inside a shoe**

Others products

**Strapping bandage**

**Bandage (3 cm x 2.5 m)**
ref. 48501003

**Indications:** prevention of ligament injuries (sprains)

**Resumption of activities after a sprain. Weak ankle ligaments**

**Perfect support for the ankle: elastic straps**

**Evacuation of perspiration:** perforated neoprene

**Anatomical fit:** adjustable neoprene tab

**Bandage (6 cm x 2.5 m)**
ref. 48501006

**Indications:** prevention of ligament injuries (sprains)

**Resumption of activities after a sprain. Weak ankle ligaments**

**Perfect support for the ankle: elastic straps**

**Evacuation of perspiration:** perforated neoprene

**Anatomical fit:** adjustable neoprene tab

**Soothes pain:**
Use hot indications: back pain, contractures/muscle and articual stiffness, cramps, stiff neck, abdominal pain. Use cold indications: sprains, strains, tendinitis, migraines, eye pain, tooth ache, bruises, arthritis

**Comfortable**

**Reusable**

**Ergonomic**

**Supplied cover**

**Hot/cold pack**

**Reusable thermic clay pack**
ref. 0550

**Indications:** prevention of ligament injuries (sprains)

**Resumption of activities after a sprain. Weak ankle ligaments**

**Perfect support for the ankle: elastic straps**

**Evacuation of perspiration:** perforated neoprene

**Anatomical fit:** adjustable neoprene tab

**Joint and ligament conditions (sprains, dislocations, tendinitis, pulls) and muscle compressions (strains, tears)**

**Strapping:** elasticated support

**Flexible and conformable:** adhesive herringbone coating, multidirectional adhesiveness right to the edge of the bandage

**Boa®** is a registered trademark of Boa® Technology Inc.
**Abdominal belt**
1390

**PROPERTIES**
- Finger loops allowing an easy grip
- Self-fastening adjustment
- Light and comfortable product

**INDICATIONS**
- Support for minor upper and lower back pain
- Support of the abdominal wall

---

**Cervical collar C1**
1350

**PROPERTIES**
- Anatomical design
- Precise self-fastening adjustment
- Rounded edges providing support and comfort

**INDICATIONS**
- Support for minor upper and lower back pain
- Support of the abdominal wall

---

**Micro-ventilated arm sling**

**PROPERTIES**
- Aerated mesh material
- Easy adjustment of the strap
- Bilateral model

**INDICATIONS**
- Analgesic support
- Recommended for short-term wear

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**Shoulder immobilisation vest**
1385

**PROPERTIES**
- Composed of a sleeve with integrated straps
- Light, comfortable and compact device
- Precise self-fastening adjustment

**INDICATIONS**
- Immobilisation of the elbow against the body following a shoulder and elbow injury
- Immobilisation following dislocation of the elbow
- Shoulder support following hemiplegia or brachial plexus damage
- Fracture of the scapula
- Analgesic immobilisation of the shoulder, arm and forearm

---

**Elbow to body shoulder immobiliser**
1365

**PROPERTIES**
- Composed of a sleeve with integrated straps
- Light, comfortable and compact device
- Precise self-fastening adjustment

**INDICATIONS**
- Immobilisation of the elbow following injury, or acute epicondylitis or epitrochleitis
- Immobilisation following fracture of the scapula
- Analgesic immobilisation of the shoulder, arm and forearm

---

**Clavicular straps adult**

**PROPERTIES**
- Dorsal foam anchoring pad for total comfort
- Buckle fastening
- Clever system meaning that there is just one model for all body types

**INDICATIONS**
- Treatment of collar bone fractures, with or without displacement

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**Shoulder immobilisation vest**
1385

**PROPERTIES**
- Composed of a sleeve with integrated straps
- Light, comfortable and compact device
- Precise self-fastening adjustment

**INDICATIONS**
- Immobilisation of the elbow following injury, or acute epicondylitis or epitrochleitis
- Immobilisation following fracture of the scapula
- Analgesic immobilisation of the shoulder, arm and forearm

---

**Biflex hopital 16+**
1303

**PROPERTIES**
- Two-way elastic bandage
- Precise control of the pressure exerted thanks to the fitting indicator (graduation of the tension of the bandage)
- Package by 10 units under shrink film

**INDICATIONS**
- Venous insufficiency, simple and complicated varicose veins, reduction of venous and post-traumatic oedema, dermatitis/lipodermatosclerosis, varicose ulcers, deep vein thrombosis (prevention and confirmed accident), post-thrombotic syndrome, following sclerotherapy, treatment of lymphoedema

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**Biflex hopital 17+**
1305
**PROPERTIES**

Immobilisation of the last 2 phalanges
Extension of the distal joint

**INDICATIONS**

Immobilisation of the last two phalanges
Extension of the distal joint

**PROPERTIES**

Firm support in flexion with 3 adjustable, X-ray transparent reinforcements.
Comfortable fabric.
Anti-slip system and tightening straps guaranteeing perfect hold

**INDICATIONS**

Firm support of the knee in extension with two lateral stays and one reinforced dorsal stay
Removable anti-slip device
Velcro adjustable straps for perfect hold
X-ray transparent stays
The splint can be used for both the right and the left knees

**PROPERTIES**

Firm support for the wrist
X-ray stay
Triple strap system ensuring even immobilisation of the wrist
Splint length guaranteeing perfect immobilisation
Ambidextrous model

**INDICATIONS**

Mild wrist sprains (functional treatment)
Tendinitis and tendon conditions of the wrist
Inflammatory flare-ups in rheumatoid conditions

**PROPERTIES**

Firm support for the wrist and thumb
X-ray transparent stay ensuring a perfect immobilisation
Triple strap system ensuring even wrist immobilisation
Self-fastening strap allowing the adjustment at the thumb
Models: right - left

**INDICATIONS**

Mild wrist and metacarpal and phalangeal sprains
Thumb injuries
De Quervain’s tenosynovitis

**PROPERTIES**

Firm support in flexion with 4 adjustable, X-ray transparent reinforcements.
The 3 moveable lateral panels ensure that all sizes fit the calf and thigh circumferences perfectly

**INDICATIONS**

Immobilisation of the knee in the stretched position: pre-surgery, post-surgery (ligamentoplasty, osteotomy).
Functional treatment of knee contusions and sprains.
Joint rest (polyarthritis, acute attacks of rheumatoid arthritis, hemarthrosis, hydardrosis)

**PROPERTIES**

Firm support for the thumb and wrist
X-ray transparent stay ensuring a perfect immobilisation
Triple strap system ensuring even wrist immobilisation
Self-fastening strap allowing the adjustment at the thumb
Models: right - left

**INDICATIONS**

Mild wrist and metacarpal and phalangeal sprains
Thumb injuries
De Quervain’s tenosynovitis

**PROPERTIES**

Dual fastening system for even tightening of the two rigid shells.
Reinforcements over the malleoli.
One model: right-left.
Single size

**INDICATIONS**

Moderate or severe sprains (functional or postoperative treatment).
Malleolar fractures (re-education phase treatment)
FIRST AID

Aluform

Adjustable immobilisation of the fractured limb provided by the combination of an adjustable aluminium frame and polyethylene supports
Thick foam padding for comfort
Easy to fit thanks to the Velcro strap fastening system
Easy to clean (washable foam covers)

Aluform leg
7400

Aluform elbow
7402

Other products

Isothermal blanket
7551

Instant ice pack
7281

Triangular bandage
7545

Argicalm
MULTIPURPOSE, REUSABLE THERMAL CLAY PACK

Relieves pain

Hot pain relief

Cold pain relief

INDICATED FOR

Hot pain relief:
Back pain, joint and muscle stiffness, spasms, cramps, torticollis, abdominal pain

Cold pain relief:
Sprains, tendinitis, toothache, bruises, strains, migraines, eye pain, arthritis

POINTS TO REMEMBER

Adaptability:
Ergonomic, easily conformable pack thanks to the clay’s density

Practical:
Instructions printed on the product

Comfort:
Reusable, washable, velvet-touch protective sleeve
Elastic self-adhering straps to fit all

Ref. Thuasne

<table>
<thead>
<tr>
<th>Ref. Thuasne</th>
<th>Size</th>
<th>Recommended uses</th>
<th>Dimension (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluform adjustable splint</td>
<td>1 KIDS</td>
<td>Wrist - Elbow - Face</td>
<td>19 x 11</td>
</tr>
<tr>
<td>Aluform leg</td>
<td>2</td>
<td>Ankle - Elbow - Knee</td>
<td>26 x 13</td>
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<tr>
<td>Aluform elbow</td>
<td>3</td>
<td>Knee - Back - Abdomen</td>
<td>30 x 20</td>
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<tr>
<td>Aluform bag</td>
<td>4</td>
<td>Neck - Shoulder - Back</td>
<td>43 x 17</td>
</tr>
</tbody>
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Presentation and fitting video available online
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