Introduction

Since 1919, Otto Bock has been successfully developing and producing orthopedic technology.

Otto Bock HealthCare is the world’s leading provider of innovative products for people with limited mobility.

Guided by our motto “Quality for Life”, over 3500 employees in 35 foreign branches develop, produce and distribute a diverse product range.

This catalog features OrthoRehab™ Specialty Rehab Services by Otto Bock. OrthoRehab™ provides Continuous Passive Motion (CPM), braces, orthoses, cryotherapy and ancillary therapy products and services.

Otto Bock applies high quality standards in the selection of materials and manufacturing process. These standards have been tested and approved by the German Association for the Certification of Quality Management Systems according to the international DIN ISO 9001 standards.

CPM manufacturing facilities are certified as meeting the requirements of ISO13485, EU Council Directive 93/42/EEC and the Canadian Medical Devices Conformity Assessment System.

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OrthoRehab has a passion for motion.
With a nationwide network of certified specialists, you can depend on us for all of your specialty rehabilitation needs. We are passionate about getting patients back into motion!

OrthoRehab is the industry’s leading supplier of specialty rehabilitation products and services including continuous passive motion (CPM) devices, orthopedic bracing and other associated therapy products. We provide services nationwide, through our direct network of Sales Associates and certified Patient Service Representatives, to Physicians, their more than 100,000 patients and the National Payors that process these claims each year.

In addition, OrthoRehab works to ensure quality with accreditation through the Community Health Accreditation Program (CHAP), the nation’s foremost accreditation board for home-based and community based health care.

Our passion for motion extends beyond CPM
As a single source solution for the continuum of care, we deliver a full range of upper and lower extremity CPM devices, a complete line of post-operative bracing, dynamic splints, softgoods, cold therapy devices and compression therapy systems. Together, these devices are used following joint surgery to help reduce pain and swelling, increase mobility, speed rehabilitation, and rapidly return patients to activities of daily living.

The OrthoRehab total patient solution process — from verification

Establish Physician Protocols
Select Protocols & Place Order
Benefit Verification & Authorization
Order Dispatch, Patient Setup & Training
Our ABC Registered Orthotic Fitters set up and fit the widest array of specialty rehabilitation products to patients for use directly in their homes. We are committed to providing your patient with the highest level of care on all the following therapies:

- Continuous Passive Motion
- A full line of cold therapy devices, including motorized cold therapy units
- Functional & post-operative bracing
- Dynamic splinting
- Static progressive splinting
- Electrotherapy
- Compression therapy
- And more

In addition to delivery and set up, Patient Services Representatives (PSR) help reinforce compliance by carefully reviewing with patients their physician prescribed protocols.

This personalized overview of the patient’s progress, the physician’s protocols and state-of-the-art equipment helps patients return to activities of daily living...faster!

Finally, OrthoRehab’s PSR provides patient’s with an overview of their in-network copayment responsibilities. Once the patient is recovered and the equipment is ready for pick up, OrthoRehab coordinates the entire process to make this event as convenient as possible for the patient.

The process concludes with a Patient Satisfaction Questionnaire that tells us how well we performed. With this type of consistent feedback, OrthoRehab continues to deliver the market-leading level of patient service that makes us unique in the industry.

Patients, physicians and case managers agree — no one delivers CPM, bracing and cold therapy better than OrthoRehab.
About CPM
— Clinical Information —

**What is CPM**

Continuous Passive Motion (CPM) is a postoperative therapeutic modality that passively—without patient effort—moves a joint through a prescribed range of motion (ROM) for an extended period of time. There are CPM devices for the hand, wrist, forearm, elbow, shoulder, jaw, great toe, ankle, hip and knee.

CPM is best applied immediately post-operatively and continued, uninterrupted, for up to 6 weeks, or as prescribed by the physician.


**Why Prescribe CPM**

Applied postoperatively, CPM

- Helps prevent joint stiffness and increases joint ROM.
- Prevents the formation of motion-limiting adhesions.
- Promotes healing of joint surfaces and soft tissue.
- Reduces edema and pain, resulting in improved compliance with physical therapy and exercise.

These physiologic benefits result in a faster recovery and return to function, as well as lower overall rehabilitation costs.

Orthopedic surgeons commonly prescribe CPM following total knee replacement, ligament reconstruction, tendon repair, joint manipulation under anesthesia, arthroscopic debridement of adhesions, stabilized intra-articular fractures, meniscal repair, and articular cartilage regeneration techniques.

There are a broad range of studies and physician experiences that support the clinical case for Continuous Passive Motion as a leading modality in orthopedic rehabilitation. Here are a few...

**Tendon Repair:** CPM achieved superior results compared to intermittent motion.¹

**Fractures:** CPM facilitates the early return of PROM and remodeled fractured joint surfaces in stable internally fixed MP and PIP fractures and in severely comminuted fractures that were not amenable to ORIF.²

**Capsulotomy:** The immediate use of CPM in conjunction with hand therapy is superior to hand therapy alone.³

**Intra-Articular Elbow Fractures:** “The essential feature of post-operative management was early functional treatment by CPM.”⁴

**TKA:** Home CPM is an adequate rehabilitation alternative to home P.T. with lower cost and no difference in results.⁵

**ACL Reconstruction:** Maintenance of PROM through CPM is important in reducing the formation of ROM limiting adhesions and joint stiffness.⁶

**Chondral Microfracture:** CPM resulted in improved gross healing of the microfractured lesions.⁷

**High Tibial Osteotomy:** CPM following tibial wedge osteotomy prevents adverse effects of joint immobilization on articular cartilage and facilitates healing of the osteotomy.⁸
# About CPM Rehabilitation by Joint Procedure

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<th>Length of CPM Use*</th>
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<td>Unicompartmental</td>
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<td>UniSpacer</td>
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*Based on published physician protocols and clinical studies.

Contraindications: CPM should not be used if any of the following are present:
- Untreated or uncontrolled infection
- Hemorrhage
- Acute inflammatory arthrosis
- Known or suspected DVT
- Spastic paralysis
- Deep Vein Thrombosis
- Unstable fractures

Note: Upon using the device, if signs of infection such as hyperthermia, fever, redness, irritation, warmth, swelling, bleeding, and/or increased persistent pain are present, discontinue operation of the device and contact the patient’s physician. Do not proceed with treatment until the physician has approved continued use of the device.
T1
– Toe CPM –

Continuous passive motion device available for the toe

- Easy to set up and operate
- Lightweight and comfortable
- Battery operated for complete portability
- Metatarsal Head isolation to prevent collateral motion
- Variable range of motion

The T1 Toe CPM offers patients the proven benefits of CPM to the metatarsal head of the toe. Easy to use, the T1 combines lightweight, compact design with maximum joint mobility. Range of motion is easily adjusted from 0° to 60° of dorsiflexion and 0° to 45° of plantar flexion.

An orthopedic shoe and padded toe splint ensure patient comfort while helping to regain full range of motion in the joints.
Indications:

- Arthroplasties
- Bunionectomies
- Tendon repair and reconstruction
- Osteotomies
- Joint replacements
- Neuroma excisions

Ordering Information:

T1-100

CPM Device: Drive and Mounting frame, Orthopedic disposable shoes (large and small), Metatarsal Head Isolator (large and small), Batteries, Instruction sheet and Carrying case.

T1-101A Orthopedic Shoe (single patient use) (Small)

T1-101C Orthopedic Shoe (single patient use) (Large)

T1-102A Metatarsal Head Isolator (Small)

T1-102C Metatarsal Head Isolator (Large)

Specifications:

Range of Motion:

- Dorsiflexion: 0° to 60°
- Plantar Flexion: 0° to 45°

Rate of Motion: 1.5 minutes for a complete cycle of motion

Dimensions of Device: 38 cm x 20 cm x 17 cm (15” x 8” x 7”)

Weight of Device: 1.4 kg (3 lbs)

Power Requirement: 2 AA (Alkaline) batteries, 3 volts

Battery Life: Up to 4 days for alkaline batteries

Certification: CSA, NRTL/C, CEO120
Ankle CPM with all the planes of motion in one device

- Anatomically correct motion
- Lightweight and compact design accommodates bed or chair use
- Fully adjustable range of motion through Inversion/Eversion and Plantar Flexion/Dorsiflexion motions
- Orthopedic shoe for comfort & stability
- Rechargeable battery operation
- Reverse-on-Load patient safety feature and hand-operated patient on/off safety switch

The A3 Ankle CPM is the latest device to provide anatomically correct motion to both the ankle and subtalar joints. Fully adjustable range of motion facilitates inversion/eversion, plantar/dorsiflexion, or a combination of both.

Advanced, compact design makes the A3 ideal for both home and hospital settings. Adjustable softgoods, including an orthopedic shoe, enables patients to customize the fit to ensure both optimum treatment results and superior comfort.

Ease of operation is facilitated by a programmable motion controller and a hand-held patient on/off safety switch.

A Reverse-on-Load safety feature ensures the A3 will reverse the direction of motion should the patient resist motion, or if motion is obstructed.
Indications:
The immediate post-operative management of joints after the following types of surgical procedures:
- Athrotym
- Stable fractures
- Synovectomy
- Arthroplasty
- Reconstructive surgery of bone, cartilage, tendons, and ligaments
- Prolonged joint immobilization
- Surgical lengthening of the achilles tendon due to post trauma stiffness

Ordering Information:
A3-100U: A3 Ankle CPM Device
Includes: Patient Kit, Rechargeable Programmable Motion Controller, Power Supply and Instruction Manual.
A3-101: A3 Ankle disposable softgoods
A3-103W: Disposable Shoe Kit, Women’s Medium
A3-103M: Disposable Shoe Kit, Men’s Medium

Specifications:
Range of Motion:
- Plantar Flexion: 0° to 60°
- Dorsiflexion: 0° to 60°
- Inversion: 0° to 60°
- Eversion: 0° to 60°
Rate of Motion: 80° per minute (approximately)
Dimensions of Device: 42.3 cm x 48.3 cm x 33 cm (17” x 19” x 13”)
Weight of Device: 4.5 kg (approx. 10 lbs.)
Battery Life: 10-12 hours
Certification: CSA, NRTL/C, CEO120
Our most popular, easiest to use, hospital-to-home unit!

- Lightweight and durable
- Range of motion from -5° to 120°
- Warm Up feature
- Pause feature for enhanced treatment results
- Easy to use digital motion controller
- Patient compliance meter
- NMES Compatibility
- Convenient carrying handle
- Pediatric accessory available

The 480E Lower Limb CPM device combines lightweight and durable construction with ease of operation.

Weighing only 11 kg (24 lbs.), and equipped with a convenient carrying handle, the 480E is suitable for both hospital and home use.

Range of motion is adjustable from -5° extension to 120° flexion. An optional pediatric accessory makes the device suitable for children.

A convenient and easy to use Motion Controller contains several advanced treatment features, including a Warm Up feature which, when selected, starts the patient at a reduced range of motion and gradually increases the range until the programmed setting is reached. A Pause feature enhances treatment, especially in preventing the formation of contractures and intra-articular adhesions, by holding the limb in sustained flexion or extension for up to 30 seconds.

For safety, the 480E is equipped with a Reverse-on-Load feature to reverse the direction of travel should the patient resist motion, or if motion is obstructed.
Indications:
Immediate post-operative management after the following where indicated:

- ACL reconstruction
- Open reduction and rigid internal fixation of intra-articular, diaphyseal and metaphyseal fractures
- Capsulotomy and arthrolysis for post-traumatic arthritis with restriction of motion
- Synovectomy for rheumatoid arthritis and hemophilic arthropathy
- Arthrotomy and drainage of acute septic arthritis
- Surgical release of extra-articular contractures or adhesions (quadricepsplasty)
- Metaphyseal osteotomy with rigid internal fixation of tibia & femur
- Prosthetic replacement (arthroplasty)
- Reconstruction of medial collateral ligament tears of the knee using a semitendinosus tenodesis
- Reconstructive surgery of bone, cartilage, tendons and ligaments
- Prolonged joint immobilization

Ordering information:
00480 (110V) or IEC480 (220V): CPM motion controller complete with patient kit, hand held pendant and instruction manual.
400PK: Disposable softgoods kit
12601: Pediatric modular kit
12603: Pediatric thigh assembly
12604: Pediatric foot assembly

Specifications:
Range of Motion:
-5° extension to 120° flexion
Pause: 0-30 seconds at the end of flexion and/or extension
Standard Limb Length: 73-104 cm (28.5-41”)  
Pediatric Limb Length: 53-90 cm (21.5-35.5”)
Standard Calf Length: 43-61 cm (16.5-24”)
Pediatric Calf Length: 24-47 cm (9.5-18.5”)
Standard Thigh Length: 30-43 cm (12-17”)
Weight of Device: approx 11 kg (24 lbs)
Power Requirements: Input 120 VAC 0.12A 60 Hz or 230 VAC 0.06A 50 Hz
Output 14 VDC 730 mA
Certification: CSA, C/US (IEC 480 only)
The 520
-Anatomic Knee CPM-

The leading bilateral capacity
CPM available allowing
synchronized devices

- Warm-Up Feature
- Bilateral Capacity
- Compliance Monitor
- NMES Compatibility
- True Anatomic Alignment
- Carrying Handle
- Parameter Lock Option
- Digital Motion Controller
- Automatic Reverse-on-Load

Warm-Up Feature
Automatically and gradually
re-establishes previous session Range
of Motion (ROM) limits in comfortable
increments.

Bilateral Capability
A simple connector cable produces
consistent, cyclic motion between two
520 devices.

Compliance Monitor
Verifies patient usage.

NMES Compatibility
Patient can re-educate and strengthen
muscles during CPM sessions.

True Anatomic Alignment
Axis of motion at both the knee
and hip reproduce biomechanically
correct motion.

Carrying Handle
For easy device transportation.

Parameter Lock Option
Allows the physician or therapist to lock
in the programmed parameters.

Digital Motion Controller
Programs ROM, speed, pause,
compliance monitor and force.

Automatic Reverse-on-Load
Direction of motion reverses if excessive
resistance is encountered.

Range of Motion from
-10° extension to 125° flexion.
Accommodates limb lengths
up to 42 inches.

Easily controlled Speed,
Range of Motion, Pause,
Warm Up feature and
more with the convenient
hand-held Motion Controller.

The 520 is easily set up
in a home or hospital.
Indications:
- Total knee replacement
- Ligament reconstruction
- Manipulation under anesthesia
- Meniscal repair
- Articular cartilage regeneration techniques
- Stabilized intra- or extra-articular fractures of the femur and tibia

Ordering Information:
500PK: Disposable Softgoods
11261: Cradle Knob Kit
13398-10: Bilateral Cable, Pack of 10

Specifications:
Range of Motion:
- -10° knee extension to 125° flexion
Pause: 0-30 seconds at end-range flexion and/or extension
Total Limb Length:
- 67-107 cm (26.5-42”)
Lower Limb Length:
- 28-47 cm (11-18.5”)
Femoral Length:
- 29-50 cm (11.5-19.5”)
Hip Length: 8 cm, 9.5 cm, 11 cm (3.25”, 3.75”, 4.25”)
Max. Patient Wt.:
- 158.8 kg (350 lbs)
Max. Patient Ht.:
- 198 cm (6’ 6”)  
Weight of Device:
- 14.1 kg (31 lbs)
Certification: CSA, C/US (IEC 520 only)
The most comfortable, most effective knee CPM available — with absolutely no force to the joints and no translation of the tibia, the Legasus works from the thigh

• Reduced anterior tibial translation
• Anterior plate enables full knee flexion
• 0° to a full 125° range of motion at the knee
• Pause feature for enhanced treatment
• Easy to operate digital hand-held motion controller

The Legasus Anatomic Lower Limb CPM combines patient comfort with advanced treatment features.

Legasus achieves 0° to 125° of anatomically correct motion. Anterior tibial translation is effectively reduced during extension through a sophisticated linkage system, which helps to maintain correct leg positioning and enhanced patient comfort.

A patented anterior plate system cradles and holds the thigh to achieve full extension, similar to the manual techniques employed by therapists.

Patient treatment is further enhanced by the programmable pause feature located on the base of the device. Pause is especially beneficial in preventing the formation of contractures and intra-articular adhesions.

Operation and patient set up is simplified with the easy-to-use hand-held digital motion controller that controls speed, range of motion, and Start/Stop.

The Reverse-on-Load safety feature reverses the direction of travel should the patient resist motion, or if motion is obstructed.
Indications:
Immediate post-operative management after the following where indicated:
• ACL reconstruction; open reduction and rigid internal fixation of intra-articular, diaphyseal and metaphyseal fractures;
• Capsulotomy and arthrolysis for post-traumatic arthritis with restriction of motion; Synovectomy for rheumatoid arthritis and hemophilic arthropathy; Arthrotomy and drainage of acute septic arthritis
• Surgical release of extra-articular contractures or adhesions (quadricepsplasty)
• Metaphyseal osteotomy with rigid internal fixation of tibia and femur; prosthetic replacement (arthroplasty)
• Reconstruction of medial collateral ligament tears of the knee using a semitendinosus tenodesis
• Reconstructive surgery of bone, cartilage, tendons and ligaments
• Prolonged joint immobilization

Ordering Information:
10000X: CPM device complete with patient kit, hand controller, power cord and manual
10200: Disposable Patient Kit
10002: Motion Controller
6640026: Power Cord

Specifications:
Range of Motion: 0° extension to 125° flexion
Rate of Motion: 1.5° to 4° per second
Length: 89-112 cm (35-44”)
Width: 37 cm (14.5”)
Weight of Device: 14.5 kg (32 lbs)
Thigh Length: 33-54 cm
(13-21.3”)
Calf Length: 38-58 cm
(15-22.8”)
Certification: CSA, UL

All operating features are controlled by the push of a button with the hand-held motion controller.

Multiple axes of motion result in reduced tibial translation, maintenance of leg positioning, and enhanced patient comfort.

A patented anterior thigh trap allows for full knee flexion.
LiteLift
– Lower Limb CPM –

Uniquely designed for the hospital – reduces lifting and transport burden

• Patented Lifting Mechanism
• Exclusive Sling Suspension System
• Biomechanical Design
• True Anatomic Alignment
• Pause Feature
• Automatic Reverse-on-Load

Patented Anterior Plate System
The anterior plates enable the knee to achieve true full knee extension, thereby preventing the development of flexion contractures.

Patented Lifting Mechanism
The patented design makes it very easy to bring the LiteLift off the bed, simplifying patient transfers and preventing lifting injuries. The device can be stored in a vertical position when not in use.

Exclusive Sling Suspension System
The LiteLift is positioned laterally relative to the treatment leg and uses a sling suspension system rather than a base cradle to support the leg. This enhances patient comfort by eliminating impingement between the legs and rotation of the leg in the device.

Biomechanical Design
Anatomically designed with dual axes of motion at the knee and hip joints, the LiteLift closely tracks the leg’s natural range of motion. By reproducing bio-mechanically-correct knee and hip motion, anterior translation of the tibia on the femur is prevented during extension and leg alignment is maintained during flexion.

Pause
Programmable from 1-40 seconds at the end-range of extension, the pause feature prevents the formation of contractures and adhesions and maintains ROM gains.

Automatic Reverse-on-Load
The direction of motion reverses if excessive resistance is encountered.
Indications

- Total knee replacement
- Ligament reconstruction
- Manipulation under anesthesia
- Meniscal repair
- Articular cartilage regeneration techniques
- Stabilized intra- or extra-articular fractures of the femur and tibia

Ordering Information

- 7100: Patient kit
- 221476-1: Long footbar
- 221476-2: Short footbar
- 221970: White foam pads
- 222840: Power supply
- 6640033: Power supply power cord

Specifications

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<td>0° to 115°</td>
<td>0° to 115°</td>
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<td>Pause</td>
<td>0-40 sec.</td>
<td>0-40 sec.</td>
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<tr>
<td>Weight</td>
<td>12 kg</td>
<td>11 kg</td>
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<td>(26 lbs)</td>
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<td>(48”)</td>
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<td>30.5-51 cm</td>
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<td>(12-20”)</td>
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<td>Calf Length (knee axis to base of foot):</td>
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<td>36-56 cm</td>
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<td>(14-22”)</td>
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<td>(11-20”)</td>
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<tr>
<td>Leg Length:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long Foot Bar</td>
<td>66-109 cm</td>
<td>63.5-102 cm</td>
</tr>
<tr>
<td></td>
<td>(26-43”)</td>
<td>(25-40”)</td>
</tr>
<tr>
<td>Short Foot Bar</td>
<td>58-102 cm</td>
<td>56-94 cm</td>
</tr>
<tr>
<td></td>
<td>(23-40”)</td>
<td>(22-37”)</td>
</tr>
<tr>
<td>Power</td>
<td>100-250 VAC</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18 VDC 1.65A</td>
</tr>
</tbody>
</table>

The LiteLift can easily be swung up out of the way during transfers or other procedures.

A sling suspension system is used to support the leg.

All operating features and controls can be mounted at an easy-to-read height.
The most advanced shoulder rehab device available

- Synchronous, sequential, or isolated motion
- Contoured, ergonomically-designed chair
- Warm-up mode and pause options
- Unique compliance monitor
- Reverse-On-Load Safety

The 600 Shoulder CPM is the most advanced shoulder rehabilitation device available. Thoughtfully designed, the 600 provides precise, controlled range of motion with maximum patient comfort.

Multi-Planar Motion
The 600 allows for synchronous, sequential, or isolated motion options through a full ROM. The therapy can be customized to fit the patient’s needs.

Contoured, Portable Chair
The 600’s ergonomically-designed chair provides optimal patient comfort for prolonged use and increases patient compliance.

Exclusive warm-up mode
Allows patients to automatically and gradually re-establish previous session ROM limits in comfortable increments.

Compliance Monitor
Allows physicians and therapists to verify and track patient usage.

Exclusive pause option
The 600 provides a 1-99 second programmable hold at end ranges of motion in order to maintain range of motion gains and prevent the formation of contractures and adhesions.

Safety features
These include patient on/off switch on the control pendant and a reverse-on-load safety feature if excessive resistance is encountered.
Indications:
- Rotator cuff repair
- Subacromial decompression
- Manipulation under anesthesia
- Reconstructive surgery of bone, cartilage, tendons and ligaments
- Arthroscopic debridement of adhesions
- Shoulder arthroplasty
- Stable intra- and extra-articular fractures
- Prolonged joint immobilization

Ordering Information:
00600: 600 Shoulder CPM
600PK: Softgoods Kit

Specifications:
Range of Motion:
Elevation: 20°-180°
Rotation: 90° arc when programmed synchronously
110° arc when programmed sequentially
Rate of Motion: high 2° per second
Low 1° per second
Pause: 1-99 seconds
Limb Length (overall): 52-83 cm (16.5-32.5")
Humeral Length: 24-42 cm (9.5-16.5")
Forearm Length: 18-41 cm (7-16")
Certification: UL

The 600 Shoulder CPM allows you to customize your patient’s therapy with synchronous, sequential, or isolated motion through a full range of motion arc.
S3
Shoulder CPM

Versatile configurations give shoulder patients the safe, specific movement they need.

- Free linkage anatomic design
- Abduction/Adduction, Rotation
- Flexion/Extension range of motion
- Dual sequential drives, or single drive
- In-Chair, Bed, or Portable Setup options
- Rechargeable battery operation
- Reverse-on-Load safety feature
- Sturdy construction

The S3 is designed to meet the complex demands of a shoulder CPM by providing several treatment options. Patient safety is the primary consideration of the design.

The S3-D features dual-drives synchronized to achieve sequential motion in internal/external rotation and flexion/extension or abduction/adduction.

The S3-S is a single-drive configuration and provides motion in flexion and extension or abduction and adduction only.

Both the S3-D and S3-S model can mount to the Portable CPM Chair for greater patient comfort and adjustment capabilities.

The single-drive, S3-H model is specifically available for attachment to a hospital bed.

A rechargeable Motion Controller with programmable memory allows for easy programming of range of motion. And for safety, there is a patient On/Off thumb switch, and a Reverse-on-Load if motion is obstructed or resisted.

Comfort and stability are achieved with the Portable CPM Chair. The Portable CPM Chair also offers several setup and adjustment capabilities.

For immediate post-operative shoulder CPM the S3-H bed mount system is ideal.

The S3 rechargeable Programmable Motion Controller simplifies setting range of motion. The rechargeable battery allows for up to 10 hours of continuous use on a single charge.
Indications:
Immediate post-operative management after the following where indicated:
• Rotator cuff repair
• After acromioplasty, particularly if operation has been repeated and when early physiotherapy cannot be assured
• Capsulotomy and arthrolysis for post-traumatic arthritis with restriction of motion
• Following total shoulder replacement
• Synovectomy for rheumatoid arthritic and hemophilic arthropathy in the absence of acute inflammation, pain or bleeding
• Arthroscopy & drainage for acute septic arthritis
• In joint contracture after manipulation

Ordering information:
S3-D: Dual Drive
S3-S: Single Drive
S3-H: Bed Mount

S3 complete with chair and mounting accessories:
  S3D-200U, S3S-200U
S3 actuator only with patient kit, motion controller & charger:
  S3D-100U, S3S-100U, S3H-100U
Replacement Patient Kit:
  S3-101DS, S3-101H
Portable Tripod:
  S3-105
Adaptor Kit for CPM Chair:
  S3-106
Portable CPM Chair:
  GE-103

Specifications:
Range of Motion:
  External Rotation:
    S3D & S3H - 0° to 85°
  Internal Rotation:
    S3D & S3H - 0° to 85°
  Forward Flexion:
    S3D & S3S - 0° to 135°
  Extension:
    S3D & S3S - 0° to 135°
  Abduction/Adduction:
    S3D & S3S - 0° to 135°
Rate of Motion: 110° per minute
Maximum Capacity:
  147 kg (325 lbs)
Folded Size: 89 cm x 48 cm x 46 cm
(35” x 19” x 18”)
Weight of Device: S3D - 6.4 kg (14 lbs)
  S3S - 5 kg (11 lbs)
  S3H - 4.2 kg (9 lbs)
Battery Life: 8-10 hours
Latex Content: Contains no Latex
Certification: CSA, NRTL/C, CEO120
Portable CPM Chair:
  GE-103
Weight: 20 kg (44 lbs)
More comfort, better alignment

The E3 Elbow – is designed to offer the maximum in patient comfort and superior alignment accuracy.

The E3 device operates at a specified speed between the programmed range of motion (ROM) extremes and is ideal for immediate post-operative use.

**Programmable ROM** covers 145° to -5° for flexion and extension and 80° - 80° in pronation/supination.

**Lock-Out Feature** allows the device to be programmed and locked, preventing patient tampering.

**Compliance Monitor** allows the physician or therapist to monitor patient compliance.

**Reverse-On-Load Feature** causes the device to reverse directions when it senses 100% of the programmed force has been reached.

**Warm-Up Feature** in CPM mode. When selected during setup, Warm-Up increases the ROM settings from 50% of the programmed settings to the full setting over 10 cycles.

**Pause Feature** can be programmed for pause at the end of ROM in CPM mode or at intervals in PSR mode. The pause duration can be up to 61 minutes.

**Variable Settings** for both speed and force.

**Rechargeable battery** pack allows the device to be used away from electrical outlets, permitting limited ambulatory use in addition to use in a bed or chair.

**Synchronized Motion** mode, in CPM operating mode, can be selected during setup to sync the programmed ROM between elbow and forearm. This allows maximum programmed flexion to be synchronized with maximum supination.
Indications:
Immediate post-operative after the following:

- Arthroscopy & drainage of acute septic arthritis providing infection is controlled
- Crush hand injuries w/o fractures or dislocations
- Burn injuries
- Stable fractures
- Flexor & extensor tendon tenolysis
- Reconstructive surgery of bone, cartilage, tendons, & ligaments
- Prolonged joint immobilization

Specifications:

Range of Motion:
-5° extension to 145° flexion
80° pronation/supination

Rate of Motion: 90°-270° per minute
Pause: 0°-60° minutes

Controller Module Dimensions:
14 cm x 9 cm x 4 cm
(5.5” x 3.5” x 1.5”)

Controller Module Weight:
0.6 kg (1.4 lbs)

Dimensions of Device:
25 cm x 43 cm x 53 cm
(10” x 17” x 21”)

Weight of Device:
12.3 kg (27 lbs)

Power Requirements:
Double insulated, Input supply voltage 100 to 240, VAC, 50/60 Hz
Output 12VDC, 1.25A

Battery Capacity:
2 hours fully charge at Force 3, Speed 3
(Rechargeable)
E2
– Elbow CPM –

A portable elbow CPM unit that goes where your patients go

• Free Linkage design for patient comfort
• Simultaneous pronation/supination during flexion/extension
• Lightweight and fully portable
• Rechargeable, long-lasting battery pack
• Adjustable Reverse-on-Load
• For ambulatory use or easily adapted for use in bed or chair

The E2 Elbow CPM is a portable device (weighing only 2.5 kg or 5 lbs.), designed to provide an adjustable range of motion to the elbow and forearm.

Powered by rechargeable batteries, the E2 will operate up to 10 hours on a single charge, allowing patients to be fully ambulatory. Batteries can be recharged overnight without interruption of the treatment cycle.

Range of motion settings include simultaneous pronation and supination of the forearm while flexing and extending the elbow.

For safety, an adjustable Reverse-on-Load feature changes the direction of travel should the patient resist motion, or if motion is obstructed.
Indications:
Immediate post-operative management after the following where indicated:
- Arthrotenomy
- Stable fractures
- Synovectomy
- Reconstructive surgery on bone, cartilage, tendons and ligaments
- Prolonged joint immobilization
- Manipulation
- Joint replacement

Ordering information:
A2E-100U: E2 Elbow CPM device includes CPM device, patient kit, batteries, battery pack and battery charger.
A2E-101SY: Patient Kit replacement pads (single patient use only).
EABBB: Nickel cadmium rechargeable battery pack.
GE-102/3: Power Supply/Battery Charger Input 100/240V 50/60 Hz Output 12V DC

Specifications:
Rate of Motion:
3 minutes per full cycle
Dimensions of Device:
91.4 cm x 3.8 cm
(36” x 1.5”)
Weight:
2.5 kg (5 lbs)
Reversing Force:
Low – 5 kg (11 lbs)
High – 8 kg (18 lbs)
Power Requirements:
External Power Supply
Input 100-240 VAC
50-60Hz
Output 12V 1.25 A, grounded 5 x 1.2V ni-cad battery pack
Certification: CSA, NRTL/C, CEO120

The E2 offers elbow rehabilitation for ambulatory or stationary patients.
PS1
– Pronation/Supination CPM –

The leading portable forearm device with a torque isolating feature.

- Full range of motion (0° to 90° pronation and supination)
- Unique anatomically correct motion for patient safety
- Two force settings for customized treatment
- Easy to operate
- Fully portable, battery operated
- Durable, lightweight design
- Reverse-on-Load patient safety feature

The PS1 Forearm Pronation/Supination CPM is a portable device for delivering the proven benefits of CPM treatment to the forearm. CPM has demonstrated over the years its ability to help patients regain post-operative range of motion and avoid the negative effects of immobilization. By gently moving the forearm through a controlled pronation/supination range of motion, the PS1 can help effectively prevent post-operative stiffness of the distal and proximal radial-ulnar joints, and the soft tissue connecting the radius and ulna.

Range of motion is adjustable from 0 to 90 degrees of pronation/supination. And a torque isolating feature ensures anatomically correct motion over the entire range to reduce loading or stressing of joints and to increase patient comfort. Also, two reverse-on-load force setting options allow the force of motion to be customized for optimum treatment results.

Durable, lightweight construction and ease of use make the PS1 ideal for both hospital and in-home environments. The unit is easily attached to the patient, and can be worn comfortably for extended periods of time to ensure the full benefits of CPM treatment. Patient compliance is further enhanced by the PS1’s portability. A rechargeable Motion Controller and convenient shoulder sling allow the patient to be fully ambulatory during treatment.

For patient safety and peace of mind, a Reverse-on-Load safety feature will reverse the direction of motion should the patient resist or if motion is obstructed.

Anatomically correct motion from 0 to 90 degrees of pronation-supination.
Indications:
Immediate post-operative management after the following where indicated:
- Distal radius fractures (when stable)
- Fractures of the radius and ulna
- Fractures of the radial head
- Fractures associated with the humerus and ulna
- Following surgical reduction or excision to treat radio-ulnar synostosis
- Disruption of carpal and radio-ulnar joints

Ordering Information:
PS1-100U: PS1 Pronation/Supination
CPM Includes:
- CPM actuator, carrying case, rechargeable battery pack, power supply, motion controller, and disposable patient kit.

PS1-101: Disposable patient softgoods kit (single patient use only).

Specifications:
Range of Motion:
- Pronation: 0° to 90°
- Supination: 0° to 90°
Rate of Motion: 180° per minute
Force Settings: Low – 2.8 Nm (25 in-lbs)
- High – 4.0 Nm (35 in-lbs)
Dimensions of Device:
- 56 cm x 8 cm x 28 cm (22” x 3” x 11”)
Dimensions of Controller:
- 10 cm x 18 cm x 5 cm (4” x 7” x 2”)
Weight of Device (includes softgoods):
- Approx 1.4 kg (3.0 lbs)
Battery Life: Up to 100 hours
Certification: CSA, NRTL/C, CEO120
W2
– Wrist CPM –

The leading lightweight portable wrist device available.

• Fully portable
• Full range of motion over both Flexion/Extension and Ulnar/Radial Deviation, or a combination of both
• Durable, compact and comfortable design
• Adjustable force settings
• Rechargeable battery operation
• Reverse-on-Load safety feature

The portable W2 Wrist CPM is designed to deliver maximum mobility to the wrist joint in flexion/extension and ulnar/radial deviation, or a combination of both. Treatment is further enhanced by its anatomical free-linkage design to help prevent compression and distraction of the radio-carpal joint. Dual Reverse-on-Load Force settings also provide for customized treatment.

Lightweight construction and comfortable softgoods allow the W2 to be worn for extended periods of time in both hospital and home settings.

For patient safety, a Reverse-on-Load safety feature ensures the W2 will reverse the direction of motion should the patient resist motion, or if motion is obstructed.

Achieves a full 0 to 90° of flexion/extension.

Provides up to 90° of ulnar/radial deviation, or a combination of both deviation and flexion/extension.

The portable Motion Controller has a rechargeable battery life of up to 100 hours. Dual force settings maximize treatment results.
Indications:
- Distal radius fractures (stable)
- Open Carpal Tunnel Procedures
- Ganglionectomy
- Rheumatoidal-neurological or after-burn stiffness
- Synovectomy
- (RSD) Reflex Sympathetic Dystrophy
- Following arthrotomy and drainage of acute septic arthritis providing infection is controlled

Specific Contraindications:
- Septic tenosynovitis, until infection is controlled

Ordering Information:
W2-100U: W2 Wrist CPM Includes:
Actuator (Wrist Device), Carrying Case, Rechargeable Batteries, Power Supply, CPM Controller, Disposable Patient Kit and Shoulder Sling.

W2-101: Disposable Patient Kit
Includes: All Patient Contact Parts
(Softgoods Splint, Handle Softgoods, Velcro-fastening Hand Retaining Strap, Elbow Sash and Shoulder Sling).

Specifications:
Range of Motion:
- Flexion: 0° to 90°
- Extension: 0° to 90°
- Full Ulnar and Radial Deviation (up to 90°)
Rate of Motion: 180° per minute
Force Settings: Low – 2.8 Nm (25 in-lbs)
- High – 4.0 Nm (35 in-lbs)
Dimensions of Device:
- 31 cm x 11 cm x 14 cm
  (12.0” x 4.5” x 5.5”)
Dimensions of Motion Controller:
- 9.6 cm x 18.0 cm x 3.7 cm
  (3.75” x 7.0” x 1.5”)
Weight of Device (includes softgoods)
- 1.0 kg (2.2 lbs)
Certification: CSA, CE

Lightweight and portable flexion, deviation, and extension for wrists.
WaveFlex®
– Composite Fist CPM –

Revolutionary design with true composite fist technology

Plus...each digit achieves ROM at its own speed and pace

• Full composite fist flexion
• Lightweight and portable
• Comfortable, fully adjustable splint
• Adjustable speed
• Pause feature for enhanced results
• Programmable Reverse-on-Load and Warm-Up features
• Easy-to-use digital Motion Controller
• Minimal joint compression

The WaveFlex® is the unique anatomic hand CPM that allows the patient to achieve a full composite fist at 270°. Each joint is fully flexed by a sophisticated finger attachment which assists the fingers through a natural path of motion.

The portable, lightweight and balanced design enables wear for extended periods of time. The adjustable splint with open palmar area forms to the contours of the patient’s arm to give comfort and stability. Finger clip attachments make the device easy to apply and remove.

Treatment is enhanced by operating features contained in the simple to use programmable motion controller. These include adjustable Speed, a programmable Pause, Warm Up feature, and programmable Reverse-on-Load.

Professionals will also appreciate the built-in compliance meter for monitoring patient progress and the Lock-out feature to prevent tampering.

WaveFlex is a registered trademark of OrthoRehab, Inc.
**Indications:**

*Immediate post-operative management where indicated:*

- Capsulotomy, arthrolysis and tenolysis for post-traumatic stiffness of MP & PIP joints
- ORIF of intra-articular, diaphyseal and metaphyseal fracture of the phalanges and metacarpals
- Flexor and extensor tendon tenolysis
- Flexor and extensor tendon synovectomies, post arthrotenotomy / drainage of acute septic arthritis
- Prosthetic replacement of MP and PIP joints
- Stable fractures
- Crush hand injuries w/o fractures or dislocations
- Hand or digit reattachment
- Dupytren’s Contracture Release
- Burn injuries; and, Reflex Sympathy Dystrophy (RSD)

**Ordering information:**

- 6000X: WaveFlex Hand CPM, patient kit, batteries, power supply
- 6301 (child), 6302 (adult): Hand splint
- 6305: Finger Clips (8)
- 6508, 6507, 6506: Finger Actuators (sm, med, lrg)
- FBA-006: Finger Strips (Attachment tape)
- 6304: VHB adhesive tape
- 6417: MP block kit
- 6511 (L), 6512 (R): Glove small
- 6513 (L), 6514 (R): Glove medium
- 6515 (L), 6516 (R): Glove large

**Specifications:**

- **Range of Motion:**
  - MCP: 0 to 90°
  - PIP: 0 to 110°
  - DIP: 0 to 70°
  - Full composite fist: 270°
  - Rate of Motion: 30-120 seconds per cycle

- **Pause (program):** 0-30 seconds at end of flexion and/or extension

- **Reversing Force:** Low – 1.6 kg (3.5 lbs)
  - High – 4.3 kg (9.5 lbs)

- **Warm Up (program):** Start at 50% of programmed range of motion

- **Weight:**
  - Drive Assembly: 0.45 kg (1 lb)
  - Hand Controller: 0.20 kg (0.45 lb)
  - Patient Kit: 0.21 kg (0.46 lb)

- **Power Requirements:**
  - Input: 100-240VAC, 50/60Hz 40VA
  - Output: 5VDC, 2.5A
  - Power Source: Battery 6V-4 AA or use Power Supply WSA150M

- **Low Battery Warning:** L.E.D.

- **Certification:** CSA, CE, UL

*Gel finger sleeves and completely customizable set up allows for single or multiple digits to be treated, including the thumb.*

*Carrying case for the WaveFlex, splint and accessories allows convenient transportation.*
New! Apply CPM technology to help patients with multiple TMJ procedures

• J1 is completely ambulatory
• Adjustable for head size and range of motion
• Lightweight, integrated one-piece construction
• Smooth, silent operation
• Safe, low voltage and long battery life
• Patented Reverse-on-Load safety override
• Disposable kit covering all patient contact points

Design for Continuous Passive Motion (CPM) of the temporomandibular joint, the J1 TMJ CPM unit is lightweight and fully portable allowing early ambulation, and maximal patient comfort and compliance.

Variable range of motion adjustment, from 6 mm (0.25") to 50 mm (2"), allows optimal control over range of motion.

Patient setup is easily and quickly accomplished by the use of Velcro fasteners on the fully adjustable headstrap assembly. The device is stabilized by attachment to a maxillary impression.

Quiet operation and advanced electronics enable the J1 to provide continuous, uninterrupted therapy on the J1 24 hours a day for up to 8 days without replacing the 4 AA (Alkaline) batteries. The device’s compact integrated design leaves the patient relatively unimpeded and able to carry on with normal daily activities and sleep.

Safety features allow the patient to override the device whenever necessary if coughing, sneezing or other muscle reflexes occur suddenly. The spring operated mandibular opening apparatus will allow the patient to close his/her jaw at any time during therapy.

A patented Reverse-on-Load safety circuit will automatically reverse the direction of the unit’s motion if the preset 1-kilogram (2 lbs.) closing force setting is exceeded.
Indications:
- TMJ arthroscopy
- Intra-articular surgery
- Extra-articular contractures and adhesions

Contraindications:
- Unstable fractures
- Orthognathic surgery

Ordering Information:
- J1-100 Actuator, carrying case, Disposable Patient Kit (Softgoods)
- J1S001U Maxillary Loop
- J1-102 Includes batteries and disposable patient one set of all patient contact parts (mouth kits inserts, headband and forehead pads)
- J1-102/10 10 sets of Disposable Patient Kits (Softgoods)

Specifications:
- Range of Motion: 6-50 mm (.25”-2”)
- Rate of Motion: 7.5 cm (3”) per minute
- Drive Unit: 25 cm x 100 cm x 2.5 cm (10” x 4” x 1”)
- Reversing Force: 1 kg (2.2 lbs)
- Weight of Device: 0.45 kg (1 lb)
- Power Source: 4 AA Batteries
- Battery Life: Up to 8 days for alkaline
  - Up to 3 days for regular or ni-cad batteries
- Low Battery Warning: Flashing L.E.D. indicates less than 10% battery life remaining

Quiet and smooth, the J1 is ideal for night time use, providing patients with uninterrupted therapy.
Continuous cold therapy is the best way to control pain, reduce edema, and provide cooling, therapeutic relief!

Why Use Continuous Cold Therapy?
Cold therapy used post-operatively is a non-invasive and highly effective way to control pain and edema. Clinical studies have shown that use of cold therapy post-operatively helps to decrease the loss of blood (hemarthrosis), reduce the complications from edema, lower pain scores, reduce muscle spasms and reduce the use of analgesics – while at the same time increasing the speed of healing at the wound site and helping to improve the range of motion for the joint.

The physiological effects of cold therapy include:
- Vasoconstriction (reduction of hemorrhage)
- Reduction of the inflammatory response
- Hypometabolism (limits secondary tissue damage due to hypoxia)
- Reduced muscle spasm
- Increased collagen stiffness
- Analgesia – decreased nerve conduction velocity helps block pain signals. Reduction occurs after tissues cool 10°C to 15°C (50°F to 59°F).

The benefits of cold therapy are widely recognized, but not all cold therapy is equal. To achieve optimum benefits, subcutaneous tissues need to be cooled to a point that the collagen, DCT, nerves and blood vessels react to the cold. For this, a patient needs continuous cold for at least 20-30 minutes. The response produced in cooled tissue at 25 minutes is about 400% greater than that seen at five minutes.

However, uncontrolled over-cooling can cause adverse reactions including frostbite, nerve palsy and cyanosis. For the best and safest results, the ideal range of temperature needs to be established and maintained continuously. The ideal temperature range for cold therapy is 4°C to 10°C (40°F to 50°F).

Continuous Cold vs. Ice Chips
Crushed ice cannot maintain a constant temperature over a prolonged period of time and there is a potential for tissue injury or a reaction to the excessive cold. It is less convenient and more effort for the patient/caregiver, and has also been shown to be less effective clinically. Motorized continuous cold therapy is clinically demonstrated to provide better post-operative relief than crushed ice chips.

Benefits of Continuous Cold vs. Ice Chips
- Lower use of pain medication and for fewer days
- Greater compliance with the use of post-operative therapies
- Faster relief of pain and reduction of swelling
• Greater range of motion after one week post-operatively

• Greater average reduction of skin temperature (12°C, 54°F) compared to intermittent cooling using ice (1°C, 34°F)

Continuous cold therapy gives patients hours of low-maintenance optimum therapy that can help to reduce bleeding, edema, inflammation and the need for pain medications.

Contraindications:
Cold therapy should not be used on persons with:
• Raynaud’s or other vasospastic diseases

• Sickle-Cell Anemia

• Impaired sensations – i.e. someone who is unconscious, suffering from neuropathy, etc.

• Cryoglobulinemia

• Cold hypersensitivity

• Inadequate thermo regulatory system (such as the elderly)

• Compromised local circulation – such as with diabetics

• Discontinue use and consult physician immediately if numbness or skin reddening occurs. Development of cyanosis by the exposed tissues is an indication of over-cooling

Contact customer service for specific ordering information. 1.800.RENT.CPM
The clinical efficacy of electrotherapy is well established. Please refer to www.orthorehab.com for clinical source information.

TENS & NMES

Electrotherapy units for freedom from pain or therapy for edema – with the push of a button!

Electrotherapy is the non-invasive use of different types of electrical stimulation to treat different problems. Each works in slightly different ways, depending on the type of problem being treated.

TENS

Transcutaneous Electrical Nerve Stimulation (TENS) devices are used to help control both chronic and acute (short-term, often from surgery or trauma) pain. TENS uses two methods to provide pain relief: Gate Control and Endorphin Production.

Gate Control vs. Endorphin Production

Since nerves cannot carry a pain impulse and a non-pain impulse simultaneously, the stronger, non-pain impulse overrides the pain signal, this is known as "Gate Control." TENS stimulation also encourages the production and release of greater amounts of endorphin, which interacts with pain receptors, much as a narcotic does. TENS is very effective in blocking pain and is used to treat painful conditions in the spine, joints, and muscles.

TENS Benefits:

- Non-invasive pain relief
- Portable
- Ease of use encourages patient compliance and self-management
- Long-term costs are significantly less than pain medication with fewer side effects or risk of addiction
- Side effects, such as skin irritations, are minimal

For more information on additional electrotherapy options such as HVPPC & Interferential units, please visit our web site or contact your local representative.
**TENS is indicated for:**
- Low back pain
- Musculoskeletal pain
- Arthritic pain
- Post-operative pain

Electrical stimulators, such as a TENS unit are contraindicated for persons with demand-type pacemakers.

**NMES**
Neuromuscular Electrical Stimulation (NMES) replicates the signals of voluntary muscle contractions, working with the muscle fibers instead of the nerve fibers. This type of movement is used to strengthen and prevent muscle atrophy in patients unable to exercise their own muscles. NMES also helps to move fluid out of swollen tissue in an injured area to help reduce edema and the associated complications.

**NMES Benefits:**
- Reduce edema
- Reduce muscle spasms
- Increase blood circulation
- Muscle re-education
- Muscle strengthening
- Increase or maintain ROM
- Pain relief

**NMES is indicated for:**
Common candidates for NMS therapy are patients recovering from orthopedic surgery, muscle strains or tears, or patients who have undergone cartilage or tendon repair.

OrthoRehab is proud to carry digital electrotherapy devices that are portable, easy to use and offer both the clinician and the patient precise settings for a more comfortable and more effective treatments.

- Large, easy-to-read LCD panels display the settings
- A treatment timer can be set to allow the unit to shut off automatically, giving the therapist better control
- Push button controls make the adjustments easier and provide precise settings. This ease of use can help to improve patient compliance and increase the effectiveness of the rehabilitation protocols

Contact customer service for specific ordering information. 1.800.RENT.CPM
Sequential and intermittent compression therapies improve circulation to help reduce the risk of clot formation!

Intermittent pneumatic compression devices compress and release pressure around an extremity. This mechanical prophylactic pumping action improves venous and lymphatic circulation and enhances fibrinolytic activity to reduce the risk of early clot formation. The stimulated circulation reduces the chance of deep venous thromboses (DVTs) and complications of venous stasis when patients are non-ambulatory after trauma, orthopedic surgery, neurosurgery, or other illnesses.

Sequential Compression System

The FlowPress® pump and garment system, with its sturdy, dependable pump and eight garment choices, is unsurpassed for enhancing lymphatic and venous flow.

- Lightweight, portable pump distributes air sequentially to three garment compartments
- Single control delivers distal to proximal, three-chamber segmental compression
- Ideal for home use

Intermittent Compression System

The intermittent compression provided by the FlowTron® HC System, with a total of 9 garment choices, offers your patients easy to use therapeutic value.

- Lightweight, portable pump with single pressure control
- Cycle time preset at 90 seconds inflation and 90 seconds deflation
- Ideal for home use

Pneumatic compression devices have two components – the pump and an inflatable garment. The electrical pump unit intermittently pumps air into and out of an attached single-use inflatable garment. These specialized garments are designed for maximum comfort – soft, pliable and washable and designed to prevent pinching or chafing. Each garment has a full-length zipper for ease of use. Inflatable inserts are available to increase garment circumference.

The clinical efficacy of pneumatic compression therapy is well established. Please refer to www.orthorehab.com for clinical source information.
The FlowPress® Pump Specifications:

Model Number: AC300
Power: 110-130v, 60Hz
Size: 11 x 4 x 5 inches
Weight: 5.25 pounds
Pressure Range: 30-100 mm Hg
Approximate Cycle Time:
Inflation - 2 minutes
Deflation - 1 minute

Part # Description
AC300 Sequential Compression Pump
FPRL/50 Half Leg Console Garment (19.75”)
FPRL/66 Full Leg Console Garment (26”)
FPRL/71 Full Leg Console Garment (28”)
FPRL/76 Full Leg Console Garment (30”)
FPRL/84 Full Leg Console Garment (33”)
FPRL/92 Full Leg Console Garment (36.25”)
FPRA/68 Full Arm Console Garment (26.25”)
FPRA/78 Full Arm Console Garment (30.75”)

The FlowTron® Pump Specifications:

Model Number: AC200HC
Power: 110-130v60Hz
Size: 4 x 11 x 5 inches
Weight: 3.75 lbs.
Pressure Range: 30-90 mm Hg
Approximate Cycle Time:
90 seconds inflation
90 seconds deflation

Part # Description
AC200HC Single Chamber Intermittent Compression Pump
L101 Half Leg Garment (19.75” length)
L102ES Full Leg Extra Short Garment (27”)
L102S Full Leg Short Garment (30”)
L102M Full Leg Medium Garment (33”)
L102L Full Leg Long Garment (36.25”)
L102EL Full Leg Extra Long Garment (38”)
S120 Full Arm Garment (30.75”)
S220 Half Arm Garment (20”)

The FlowPress and FlowTron pumps are registered trademarks of Huntleigh Technology PLC.
Knowing that patients need more than just CPM to regain full motion...

OrthoRehab provides a full line of specialty rehabilitation products and services including post-op and functional orthotic bracing to meet your patients needs through the entire continuum of care. ABC Registered Orthotic Fitters are on staff to deliver all of these orthotic products to your patients.

What separates Otto Bock Orthotics from the rest, is our clinically beneficial designs and a commitment to function, quality and comfort. Our complete line of prefabricated orthoses, featuring both traditional and technologically advanced products, is backed by our passion for quality, our drive for innovation and our dedication to world-class service.

Our wide range of ankle braces, walker boot, night splint and AFO’s offer proven solutions to all significant indications that need post traumatic and post operative care.

The innovative ComforT™ collection utilizes a unique phase-change material that absorbs or releases heat to boost the wearer’s comfort, and in the end, their compliance.

Our extensive line of post-op knee braces lets you select and adjust the range of motion appropriate for your individual patient. Our custom-moldable soft goods offer the best of both worlds – quick, off-the-shelf convenience with the benefit of customizing the product’s shape to the end user.

The orthotics collection is rounded out with technologically advanced dynamic splints, hyperextension braces, and other tried and true products you and your patient will depend on to speed recovery – getting your patients back to motion!
Indications:
- Functional treatment of ligament ruptures
- Severe ankle distortions
- Chronic instability of the upper ankle joint

Effects:
- The special exoskeletal reinforcement provides a high degree of stabilization with and without a shoe
- Limits eversion and inversion of the foot
- Does not limit plantar and dorsal flexion

Features:
- Special plastic exoskeletal reinforcement for optimal anatomical support
- Includes stabilizing straps
- SpaceTex®, a 3-D spacer fabric, provides comfort, transmits moisture away from the skin
- Universal to the left and right side

<table>
<thead>
<tr>
<th>Material</th>
<th>Size</th>
<th>Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S3</td>
<td>XS</td>
<td>25 – 28 cm / 10 – 11 in</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>28 – 32 cm / 11 – 12 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>32 – 33 cm / 12 – 13 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>33 – 36 cm / 13 – 14 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>36 – 38 cm / 14 – 15 in</td>
</tr>
</tbody>
</table>
Sprains and distortions of the deltoid ligament are commonly caused by forced plantar-flexion supination. These injuries usually affect the anterior talofibular ligament, it is thus important to relieve this ligament.

Dyna Ankle, designed for functional treatment, places the foot in moderate pronation and dorsiflexion. The dynamic restraint limits plantar flexion and supination while preserving the range of motion in pronation and dorsiflexion.
Indications:
- Conservative treatment of anterior talofibular ligament fractures in the ankle
- Post-operative protection after ligament repair and ligament reconstruction
- Permanent stabilization aid for chronic instability in the upper and/or lower ankle joint with contraindications for surgery

Effects:
- Places the foot in moderate pronation and dorsiflexion
- Dynamic restraint continuously limits the plantar flexion and supination
- Limits rotation

Features:
- Dorsomedial stability shell with integrated pronation position
- To be applied immediately after injury, leaving the malleolus free
- Ice may be applied with the orthosis in place
- Can be worn with a shoe
- Can also be worn at night for safety
- Waterproof
- Easy to clean

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size (European)</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S1</td>
<td>left</td>
<td>35 – 37 (S)</td>
<td>4 – 5</td>
<td>4 – 6</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>37 – 39 (M)</td>
<td>5 – 7</td>
<td>6 – 8</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>39 – 41 (L)</td>
<td>7 – 9</td>
<td>8 – 10</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>41 – 44 (XL)</td>
<td>9 – 12</td>
<td>10 – 13</td>
</tr>
</tbody>
</table>
28U9 – Ankle Foot Orthosis

Indications:
- Peroneal palsies
- Weak dorsiflexion

Effects:
- Provides passive, flexible plantar flexion control
- Dynamic support of the foot

Features:
- Constructed with thin sides and high quality surfaces
- Long sole for precise guidance of the foot
- Light weight
- Hygienic, easy to clean
- Additional calf and tibula padding

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size (European)</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
<th>Total height</th>
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</thead>
<tbody>
<tr>
<td>28U9</td>
<td>left right</td>
<td>35 – 37 (S)</td>
<td>4 – 5</td>
<td>4 – 6</td>
<td>29 cm / 11.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>37 – 39 (M)</td>
<td>5 – 7</td>
<td>6 – 8</td>
<td>31.5 cm / 12.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>39 – 41 (L)</td>
<td>7 – 9</td>
<td>8 – 10</td>
<td>34.5 cm / 13.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>41 – 44 (XL)</td>
<td>9 – 12</td>
<td>10 – 13</td>
<td>39 cm / 15.5 in</td>
</tr>
</tbody>
</table>
Walker – Standard Height

Indications:
- Soft Tissue Injuries
- Grade 2 and 3 sprains
- Stable Fractures
- Post-Operative application

Effects:
- Stabilization of ankle and foot

Features:
- Contoured strut design allows the walker frame to conform to the patients’ anatomy, ensuring a better fit and increased wearing comfort
- Shock absorbing sole reducing heel strike impact
- Low and wide rocker bottom profile promote a natural stable gait
- Available in five sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S10</td>
<td>XS</td>
<td>2 – 4</td>
<td>3.5 – 5.5</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>4.5 – 7</td>
<td>6 – 8</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>7.5 – 10.5</td>
<td>8.5 – 11.5</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>10.5 – 12.5</td>
<td>11.5 – 13.5</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>12.5+</td>
<td>13.5+</td>
</tr>
</tbody>
</table>
Walker – Low Top

Indications:
• Soft Tissue Injuries
• Grade 2 and 3 sprains
• Stable Fractures
• Post-Operative application

Effects:
• Stabilization of ankle and foot

Features:
• Contoured strut design allows the walker frame to conform to the patients’ anatomy, ensuring a better fit and increased wearing comfort
• Shock absorbing sole reducing heel strike impact
• Low and wide rocker bottom profile promote a natural stable gait
• Available in five sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Men's Shoe</th>
<th>Women's Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S11</td>
<td>XS</td>
<td>2 – 4</td>
<td>3.5 – 5.5</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>4.5 – 7</td>
<td>6 – 8</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>7.5 – 10.5</td>
<td>8.5 – 11.5</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>10.5 – 12.5</td>
<td>11.5 – 13.5</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>12.5+</td>
<td>13.5+</td>
</tr>
</tbody>
</table>
Indications:
- Soft Tissue Injuries
- Grade 2 and 3 sprains
- Stable Fractures
- Post-Operative application

Effects:
- Stabilization of ankle and foot
- Accommodation to swelling and volume changes during healing and rehabilitation phase

Features:
- The pneumatic system increases stability and comfort
- The use of air has a positive effect on decreasing pain and swelling
- The amount of air can easily be adjusted via an integrated pump to achieve required compression and optimal individual fit
- Low and wide rocker bottom profile promote a natural stable gait
- The strut design conforms to the patients’ anatomy, ensuring a better fit and increased wearing comfort
- Available in five sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
</tr>
</thead>
<tbody>
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<td>XS</td>
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<td>3.5 – 5.5</td>
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<tr>
<td></td>
<td>S</td>
<td>4.5 – 7</td>
<td>6 – 8</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>7.5 – 10.5</td>
<td>8.5 – 11.5</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>10.5 – 12.5</td>
<td>11.5 – 13.5</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>12.5+</td>
<td>13.5+</td>
</tr>
</tbody>
</table>
Air Walker – Pre-Inflated
– Standard Height –

**Indications:**
- Soft Tissue Injuries
- Grade 2 and 3 sprains
- Stable Fractures
- Post-Operative application

**Effects:**
- Stabilization of ankle and foot

**Features:**
- Standard height
- The pre-inflated cells in the softgood increases fit and wearing comfort
- Shock absorbing sole reducing heel strike impact
- Low and wide rocker bottom profile promote a natural stable gait
- The strut design conforms to the patients’ anatomy, ensuring a better fit and increased wearing comfort
- Available in five sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S13</td>
<td>XS</td>
<td>2 – 4</td>
<td>3.5 – 5.5</td>
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<tr>
<td></td>
<td>S</td>
<td>4.5 – 7</td>
<td>6 – 8</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>7.5 – 10.5</td>
<td>8.5 – 11.5</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>10.5 – 12.5</td>
<td>11.5 – 13.5</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>12.5+</td>
<td>13.5+</td>
</tr>
</tbody>
</table>
Air Walker – Pre-Inflated
– Low Top –

Indications:
• Soft Tissue Injuries
• Grade 2 and 3 sprains
• Stable Fractures
• Post-Operative application

Effects:
• Stabilization of ankle and foot

Features:
• Low top height
• The inflated cells in the softgood liner increases fit and wearing comfort
• Shock absorbing sole reducing heel strike impact
• Low and wide rocker bottom profile promote a natural stable gait
• The strut design conforms to the patients’ anatomy, ensuring a better fit and increased wearing comfort
• Available in five sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S14</td>
<td>XS</td>
<td>2 – 4</td>
<td>3.5 – 5.5</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>4.5 – 7</td>
<td>6 – 8</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>7.5 – 10.5</td>
<td>8.5 – 11.5</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>10.5 – 12.5</td>
<td>11.5 – 13.5</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>12.5+</td>
<td>13.5+</td>
</tr>
</tbody>
</table>
Range of Motion (ROM) Walker

Indications:
- Soft Tissue Injuries
- Grade 2 and 3 sprains
- Achilles tendon ruptures
- Stable Fractures
- Post-Operative application

Effects:
- Stabilization of ankle and foot at given angle or controlled range of motion

Features:
- The range of motion joint can be adjusted between 0-45° of plantar flexion and 0-45° of dorsal flexion
- The range of motion joint adjusts in 7.5° increments in both dorsal and plantar flexion
- The range of motion joint can be locked at any desired interval, or left with required range of motion
- Low and wide rocker bottom profile promote a natural stable gait
- The aluminum strut design conforms to the patients’ anatomy, ensuring a better fit and increased wearing comfort
- Available in three sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S15</td>
<td>S</td>
<td>4.5 – 7</td>
<td>6 – 8</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>7.5 – 10.5</td>
<td>8.5 – 11.5</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>10.5 – 12.5</td>
<td>11.5 – 13.5</td>
</tr>
</tbody>
</table>
Night Splint

Indications:
- Plantar fasciitis
- Achilles tendonitis
- Lower extremity overuse related injuries

Effects:
- Gentle stretching of the plantar fascia and the Achilles tendon

Features:
- Adjustable shell that allows adjustment from 90° to 10° of dorsal flexion using flexion straps
- Light weight, low profile frame
- Velcro attached breathable and washable liners for superior wearing comfort
- Ventral tibial and dorsal pads for increased wearing comfort
- Liners and pads can be easily removed and washed
- Patient friendly buckles for easy closing and release of the straps
- Slip resistant sole
- Available in three sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Men’s Shoe</th>
<th>Women’s Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>50S20</td>
<td>S</td>
<td>up to 7</td>
<td>up to 7.5</td>
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<tr>
<td></td>
<td>M</td>
<td>7.5 – 10</td>
<td>8 – 10.5</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>10.5+</td>
<td>11+</td>
</tr>
</tbody>
</table>

OrthoRehab 1.800.RENT.CPM
Genu Lux Knee Support

Indications:
- Lateralization of the patella
- Chondropathia patella
- Peripatellar irritations

Effects:
- Stabilizes the patellofemoral joint

Features:
- Flexible knee support made of Thermoprene with pressure pad

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Circumference of knee center</th>
</tr>
</thead>
<tbody>
<tr>
<td>7158</td>
<td>S</td>
<td>30 – 33 cm / 12 – 13 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>33 – 36 cm / 13 – 14.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>36 – 39 cm / 14.5 – 15.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>39 – 42 cm / 15.5 – 16.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>42 – 45 cm / 16.5 – 17.5 in</td>
</tr>
<tr>
<td></td>
<td>XXXL</td>
<td>45 – 48 cm / 17.5 – 19 in</td>
</tr>
</tbody>
</table>
Genu Chondro Knee Support

**Indications:**
- Patellofemoral irritations
- Chondropathia patella
- Jumper’s Knee
- Ligamentoses of the patella tendon
- Retropatellar arthrosis

**Effects:**
- Relieves the patella tendon

**Features:**
- Made of Thermoprene with integrated relief pad

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Circumference of knee center</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td>M</td>
<td>33 – 36 cm / 13 – 14.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>36 – 39 cm / 14.5 – 15.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>39 – 42 cm / 15.5 – 16.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>42 – 45 cm / 16.5 – 17.5 in</td>
</tr>
<tr>
<td></td>
<td>XXXL</td>
<td>45 – 48 cm / 17.5 – 19 in</td>
</tr>
</tbody>
</table>
Genu ComforT Knee Support

Indications:
• Pain, degenerative conditions

Effect:
• Relief of pain, irritations
• Support of sensori-motor functions

Features:
• Made of ComforT: comfortable, thermo regulative material (Phase Change Material)
• Anatomic, anterior open design eases application and individual fit
• Silicone band prevents the support from sliding
• Coil springs prevent fabric from rolling
• Five sizes – universal to the left or right side

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Circumference of knee center</th>
</tr>
</thead>
<tbody>
<tr>
<td>8255</td>
<td>S</td>
<td>30 – 33 cm / 12 – 13 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>33 – 36 cm / 13 – 14 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>36 – 39 cm / 14 – 15.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>39 – 42 cm / 15.5 – 16.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>42 – 45 cm / 16.5 – 17.5 in</td>
</tr>
</tbody>
</table>
Genu Stable ComforT Knee Support

Indications:
• Pain, instability, degenerative conditions

Effect:
• Relief of pain, irritations
• Provides guidance and stability to the knee
• Support of sensori-motor functions

Features:
• Made of ComforT: Comfortable, Thermo regulative material (Phase Change Material)
• Anatomic, anterior open design eases application and individual fit
• Polycentric hinges for increased stability and guidance
• Silicone band prevents the support from sliding
• Five sizes – universal to the left and right side

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Circumference of knee center</th>
</tr>
</thead>
<tbody>
<tr>
<td>8256</td>
<td>S</td>
<td>30 – 33 cm / 12 – 13 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>33 – 36 cm / 13 – 14 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>36 – 39 cm / 14 – 15.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>39 – 42 cm / 15.5 – 16.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>42 – 45 cm / 16.5 – 17.5 in</td>
</tr>
</tbody>
</table>
Genu Immobil
Knee Immobilization Orthosis

Indications:
• Post-operative and post-traumatic immobilization of the knee joint

Effects:
• Immobilization of the knee at a 0° or 20° of flexion
• Collateral stabilization of the knee

Features:
• Customized fitting (medially and laterally)
• Medial and lateral sections have splints and can be attached in a variety of ways
• Comfortable, skin-friendly material
• Easy to don and doff, even for patients lying down

Genu Immobil 0°
for the immobilization of the knee at a 0° flexion angle

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Length</th>
<th>Lower Leg circumference</th>
<th>Thigh circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>8060</td>
<td>S</td>
<td>40 cm / 16 in</td>
<td>35 – 60 cm / 14 – 24 in</td>
<td>43 – 76 cm / 17 – 30 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>50 cm / 20 in</td>
<td>35 – 60 cm / 14 – 24 in</td>
<td>47 – 84 cm / 18.5 – 33 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>60 cm / 24 in</td>
<td>38 – 66 cm / 15 – 26 in</td>
<td>49 – 88 cm / 19.5 – 35 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>70 cm / 28 in</td>
<td>38 – 66 cm / 15 – 26 in</td>
<td>51 – 92 cm / 20 – 36.5 in</td>
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</tbody>
</table>

Genu Immobil 20°
for the immobilization of the knee at a 20° flexion angle

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Length</th>
<th>Lower Leg circumference</th>
<th>Thigh circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>8062</td>
<td>S</td>
<td>40 cm / 16 in</td>
<td>35 – 60 cm / 14 – 24 in</td>
<td>43 – 76 cm / 17 – 30 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>50 cm / 20 in</td>
<td>35 – 60 cm / 14 – 24 in</td>
<td>47 – 84 cm / 18.5 – 33 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>60 cm / 24 in</td>
<td>38 – 66 cm / 15 – 26 in</td>
<td>49 – 88 cm / 19.5 – 35 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>70 cm / 28 in</td>
<td>38 – 66 cm / 15 – 26 in</td>
<td>51 – 92 cm / 20 – 36.5 in</td>
</tr>
</tbody>
</table>
Knee Immobilizer – Premium Model

Indications:
• Post-traumatic and Post-operative immobilization of the knee joint

Effects:
• Immobilization of the knee

Features:
• Universal size with innovative slide to adjust length from 41 to 61 cm (18” to 24”)
• Flexible thigh and cuff design allows the brace to conform to the patient, ensuring a better fit and increased comfort
• Full pad design for greater patient comfort
• Light weight
• Velcro® attached liners can be easily removed and washed
• Easy to fit

Velcro is a registered trademark of Velcro Industries B.V.L.I.C.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>50K31</td>
<td>universal</td>
<td>46 – 61 cm / 18 – 24 in</td>
</tr>
</tbody>
</table>
Knee Immobilizer – Cool Model

Indications:
• Post-traumatic and Post-operative immobilization of the knee joint

Effects:
• Immobilization of the knee

Features:
• Universal size with innovative slide to adjust length from 46 to 61 cm (18” to 24”)
• Flexible thigh and cuff design allows the brace to conform to the patients ensuring a better fit and increased comfort
• Open pad design for breathability and patient comfort in warmer environments
• Light weight
• Velcro® attached liners can be easily removed and washed
• Easy to fit

Velcro® is a registered trademark of Velcro Industries B.V.L.L.C.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>50K33</td>
<td>universal</td>
<td>46 – 61 cm / 18 – 24 in</td>
</tr>
</tbody>
</table>
Post-Operative Knee Brace – Premium Model

Indications:
- Post-traumatic and post-operative immobilization and stabilization of the knee at a set position or with limited knee joint motion

Effects:
- Immobilization and controlled motion of the knee joint

Features:
- Simple and unique hinge control mechanism to set flexion and extension stops
- Extension stop can be set at 0, 10, 20, 30, 45, 60, 75 and 90°
- Flexion stop can be set at 0, 10, 20, 30, 45, 60, 75, 90, 105 and 120°
- Full pad design for greater patient comfort
- Light weight
- Low profile hinge
- Velcro® attached liners can be easily removed and washed
- Easy to fit and apply
- Available in two sizes and lengths

Velcro is a registered trademark of Velcro Industries B.V.L.L.C.

To Order: Measure thigh circumference 15 cm / 6” above mid-patella.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Length 61 cm / 24”</th>
<th>Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50K36</td>
<td>M</td>
<td>up to 69 cm / 27 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>69 – 89 cm / 27 – 35 in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Length 71 cm / 28”</th>
<th>Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50K37</td>
<td>M</td>
<td>up to 69 cm / 27 inch</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>69 – 89 cm / 27 – 35 in</td>
</tr>
</tbody>
</table>
Indications:
• Post-traumatic and post-operative immobilization and stabilization of the knee at set position or with limited knee joint motion

Effects:
• Immobilization and controlled motion of the knee joint

Features:
• Simple and unique hinge control mechanism to set flexion and extension stops
• Extension stop can be set at 0, 10, 20, 30, 45, 60, 75 and 90°
• Flexion stop can be set at 0, 10, 20, 30, 45, 60, 75, 90, 105 and 120°
• Open strap design for breathability and patient comfort in warmer environments
• Light weight
• Low profile hinge
• Velcro® attached liners can be easily removed and washed
• Easy to fit and apply
• Available in two sizes and lengths

Velcro is a registered trademark of Velcro Industries B.V.L.L.C.

To Order: Measure thigh circumference 15 cm / 6” above mid-patella.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Length 61 cm / 24”</th>
<th>Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50K34</td>
<td>M</td>
<td>up to 69 cm / 27 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>69 – 89 cm / 27 – 35 in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Length 71 cm / 28”</th>
<th>Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50K35</td>
<td>M</td>
<td>up to 69 cm / 27 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>69 – 89 cm / 27 – 35 in</td>
</tr>
</tbody>
</table>
Tübingen Hip Abduction Orthosis
by Prof. Dr. Bernau, M.D.

The reliable solution for hip dysplasia

The best prerequisite for treating congenital hip dysplasia is a moderate abduction combined with a hip flexion greater than 90°. The Tübingen Hip Abduction Orthosis is particularly well-suited for achieving this therapeutic position. The thigh supports are connected to the shoulder harness with two perlon beaded cords. The beads allow consistent, reproducible hip flexion adjustment. Each beaded cord is attached to the back of the shoulder harness with a red closure. The cord then runs through the red closure under the leg shells and back to the white snap lock at the shoulder harness. To apply the orthosis, the parents merely need to use the hook-and-loop closure and the two white snap locks. The child’s physician uses the red snap locks to set the correct position. The desired abduction angle is easily adjusted by means of the grid on the spreader bar.
Indications:
- Treatment of hip dysplasia in infants (hip types IIa and IIb according to Graf)
- Unstable or decentered hips (Ilc and IIId) when monitored at frequent intervals by experienced orthopedic physicians

Effects:
- Based on the principle of the proven sitting-squatting position with hip flexion greater than 90° and moderate abduction

Features:
- Thigh supports are connected to the shoulder harness with two perlon-beaded cords
- Reproducible setting of hip flexion
- Perlon-beaded cords allow for customized flexion
- Abduction angle adjustable by means of spreader bar
- Shoulder supports have terry cloth cover
- Easy to apply with simple closures and snap locks

<table>
<thead>
<tr>
<th>Material no.</th>
<th>for age (months)</th>
<th>Spanning width (S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>28L10=3</td>
<td>1</td>
<td>95 – 130 mm / 4 – 5.5 in</td>
</tr>
<tr>
<td>28L10=2</td>
<td>2 – 6</td>
<td>95 – 130 mm / 4 – 5.5 in</td>
</tr>
<tr>
<td>28L10=1</td>
<td>6 – 12</td>
<td>110 – 160 mm / 4.5 – 6.5 in</td>
</tr>
</tbody>
</table>
Lörrach Hip Abduction Orthosis
by Dr. Behrens, M.D.

Indications:
- Hip dysplasia up to type IIIa (as categorized by Graf)

Effects:
- Based on the principle of the proven sitting-squatting position

Features:
- Moderate degree of movement is possible
- Width adjustable spreader bar
- Easy to apply
- Washable

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Thigh circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>28L8=3</td>
<td>180 mm / 7 in</td>
</tr>
<tr>
<td>28L8=2</td>
<td>220 mm / 9 in</td>
</tr>
<tr>
<td>28L8=1</td>
<td>260 mm / 10.5 in</td>
</tr>
<tr>
<td>28L8=0</td>
<td>300 mm / 12 in</td>
</tr>
</tbody>
</table>
Hip Abduction Orthosis

Indications:
• Hip dysplasia and residual dysplasia after conservative reduction of hip dislocation and after sonographic diagnosis of type IIb (as categorized by Graf)
• For children from 6 to 18 months old, when the child starts crawling or walking

Effects:
• Following therapeutic principles as devised by the professors Hoffmann and Daimler

Features:
• Anatomically-shaped femoral shells that can be adjusted in width
• Precise abduction angle adjustable via the abduction unit
• Femoral shells connected by two sturdy ball joints
• Universal size

Material no. | Size
--- | ---
28L20 | universal, with adjustable condyle bands
Coxa Stable Hip Orthosis

Indications:
• Post-operative stabilization of the hip joint
• Prevention and treatment of TEP loosening
• Instability of the hip joint

Effects:
• Stabilizes the hip joint
• Restricts rotation

Features:
• Modular design
• Multi-axial joint
• High level of stability
• Light weight
• Comfortable
• Limitation of movement (R.O.M.) can be adjusted
## Hip module

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Waist circ. (A)</th>
<th>Hip circ. (B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>28L50</td>
<td>left</td>
<td>S</td>
<td>60 – 82 cm / 24 – 32.5 in</td>
<td>68 – 90 cm / 27 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M</td>
<td>80 – 96 cm / 31.5 – 38 in</td>
<td>90 – 110 cm / 35.5 – 43.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>L</td>
<td>94 – 115 cm / 37 – 45.5 in</td>
<td>106 – 126 cm / 42 – 50 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Thigh module

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Proximal (C)</th>
<th>Distal (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>28L51</td>
<td>left</td>
<td>S</td>
<td>44 – 53 cm / 17.5 – 21 in</td>
<td>34 – 41 cm / 13.5 – 16.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M</td>
<td>48 – 60 cm / 19 – 24 in</td>
<td>36 – 45 cm / 14.5 – 18 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>L</td>
<td>57 – 68 cm / 22.5 – 27 in</td>
<td>42 – 49 cm / 16.5 – 19.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Hip joint

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Patient height</th>
</tr>
</thead>
<tbody>
<tr>
<td>17H50</td>
<td>=1(S)</td>
<td>to 180 cm / to 6 ft</td>
</tr>
<tr>
<td></td>
<td>=2(L)</td>
<td>from 180 cm / from 6 ft</td>
</tr>
</tbody>
</table>

## Hip pad

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>29L70</td>
<td>left</td>
<td>right</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
</tr>
</tbody>
</table>

## Thigh pad

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>29L71</td>
<td>left</td>
<td>right</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
</tr>
</tbody>
</table>
Dosi Posture Support

Indications:
- Postural weakness
- Excessive strain on the thoracic spine muscles
- Pain in the thoracic spine muscles

Effects:
- Proprioceptive reminder to maintain proper posture

Features:
- Flexible and breathable material
- Easy to apply
- Inconspicuous under clothing
- Washable

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Waist Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>3001</td>
<td>XS</td>
<td>64 – 72 cm / 25 – 28.5 in</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>72 – 80 cm / 28.5 – 31.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>80 – 88 cm / 31.5 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>88 – 96 cm / 35.5 – 39.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>96 – 104 cm / 39.5 – 43.5 in</td>
</tr>
</tbody>
</table>
Dosi X Back Support

Indications:
- Acute or chronic lumbago
- Lumboischialgia
- Malformations of the lumbosacral transition
- Degenerative changes of the lumbar spine
- Conservative and post-operative treatment of disc prolapse
- Lumbar vertebral canal stenoses

Effects:
- Straightening and reduction of the lumbar lordosis
- Relief for the lumbar spine

Features:
- Anterior spiral springs and exchangeable posterior plastic splints offer excellent stability
- Used for both lumbar and lumbosacral indications
- Easy to apply
- Flexible and breathable material
- Washable

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Waist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>3002</td>
<td>S</td>
<td>72 – 80 cm / 28.5 – 31.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>80 – 88 cm / 31.5 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>88 – 96 cm / 35.5 – 39.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>96 – 104 cm / 39.5 – 43.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>104 – 112 cm / 43.5 – 47.5 in</td>
</tr>
</tbody>
</table>
Dosi X Back Support  
– with Hip Development –

**Indications:**
- Pain, weakness, instability, acute or chronic lumbago, degenerative changes

**Effects:**
- Straightening and reduction of the lumbar lordosis
- Relief for the lumbar spine

**Features:**
- Curved design provides better fit and improved support for patients with wider hips
- Made of latex-free, ventilated elastic material with four plastic stays in the back
- All stay pockets are open on one end so the stays can be easily removed or adjusted
- Adjustable cross-straps in the back offer targeted support in the lumbar and lumbosacral regions

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Waist Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>3042</td>
<td>S</td>
<td>72 – 80 cm / 28.5 – 31.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>80 – 90 cm / 31.5 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>90 – 100 cm / 35.5 – 39.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>100 – 110 cm / 39.5 – 43.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>110 – 120 cm / 43.5 – 47.5 in</td>
</tr>
</tbody>
</table>
Dosi X High Back Support

Indications:
• Acute or chronic lumbago (also of the thoracolumbar transition)
• Lumboischialgia
• Malformations of the lumbosacral transition
• Degenerative changes of the lumbar spine
• Conservative and post-operative treatment of disc prolapse
• Lumbar spinal canal stenoses

Effects:
• Straightening and reduction of the lumbar lordosis
• Relief for the lumbar spine

Features:
• Back support 10 cm (4 in) higher than Dosi X Back Support 3002
• Anterior spiral springs and exchangeable posterior plastic splints offer excellent stability
• Used for both lumbar and lumbosacral indications
• Easy to apply
• Flexible and breathable material
• Washable

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Waist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1070</td>
<td>S</td>
<td>64 – 72 cm / 25.5 – 28.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>72 – 80 cm / 28.5 – 31.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>80 – 90 cm / 31.5 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>90 – 100 cm / 35.5 – 39.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>100 – 110 cm / 39.5 – 43.5 in</td>
</tr>
</tbody>
</table>
Dosi ComforT and Dosi Stable ComforT

Indications:
• Pain, weakness, instability, acute or chronic lumbago, degenerative changes

Effect:
• Straightening and reduction of the lumbar lordosis
• Relief for the lumbar spine

Features:
• Made of ComforT: Comfortable, Thermo regulative material
• Preshaped splints enhance stability
• Anatomic design eases application and optimal fit
• The 1056 is 5 cm (2 in) higher compared to the 1055 Dosi ComforT and has two additional dorsal cross straps providing additional support
• Can be combined with pad 1030
• Five sizes

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Waist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1055</td>
<td>S</td>
<td>64 – 72 cm / 25 – 28.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>72 – 80 cm / 28.5 – 31.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>80 – 90 cm / 31.5 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>90 – 100 cm / 35.5 – 39.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>100 – 115 cm / 39.5 – 43.5 in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Waist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1056</td>
<td>S</td>
<td>64 – 72 cm / 25 – 28.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>72 – 80 cm / 28.5 – 31.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>80 – 90 cm / 31.5 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>90 – 100 cm / 35.5 – 39.5 in</td>
</tr>
<tr>
<td></td>
<td>XXL</td>
<td>100 – 115 cm / 39.5 – 43.5 in</td>
</tr>
</tbody>
</table>
Hyperextension Orthosis

Indications:
- Stable compression fractures (also osteoporotic) in the lower thoracic spine and the lumbar spine without neurological damage
- Osteoporosis

Effects:
- Reclination of the spine at the thoracolumbar transition
- Relief for the ventral vertebral bodies

Features:
- Available in four sizes, ready to fit
- Height-adjustable sternal and symphysis pubis support pads
- Sternal and symphysis pubis support pads made of foam with moldable aluminum core
- User-friendly ratchet closures and locks
- Skin-friendly material
- Light weight
- Waterproof

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Waist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>28R14</td>
<td>S</td>
<td>60 – 75 cm / 24 – 29.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>75 – 90 cm / 29.5 – 35.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>90 – 105 cm / 35.5 – 41.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>105 – 120 cm / 41.5 – 47 in</td>
</tr>
</tbody>
</table>
Hyperextension Orthosis
– in frame construction –

**Indications:**
- Stable compression fractures (also osteoporotic) of lower thoracic spine and lumbar spine without neurological damage
- Osteoporosis

**Effects:**
- Reclination of the spine in the thoracolumbar transition
- Relief for the ventral parts of the vertebral bodies
- Limits lateral flexion and rotation of the upper body

**Features:**
- Flexible pelvic band that can be fixed into place
- Movable sternal support
- Customizable circumference and height
- Skin-friendly materials
- Light weight and waterproof

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Pelvis Circumference</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>28R18</td>
<td>Small</td>
<td>60 – 75 cm / 23.5 – 29.5 in</td>
<td>39 – 46 cm / 15 – 18 in</td>
</tr>
<tr>
<td></td>
<td>Medium/Short</td>
<td>75 – 90 cm / 29.5 – 35.5 in</td>
<td>40 – 44 cm / 15.5 – 17 in</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>75 – 90 cm / 29.5 – 35.5 in</td>
<td>42 – 50 cm / 16.5 – 19.5 in</td>
</tr>
<tr>
<td></td>
<td>Large/Short</td>
<td>90 – 105 cm / 35.5 – 41.5 in</td>
<td>42 – 50 cm / 16.5 – 19.5 in</td>
</tr>
<tr>
<td></td>
<td>Large</td>
<td>90 – 105 cm / 35.5 – 41.5 in</td>
<td>44 – 52 cm / 17.5 – 20.5 in</td>
</tr>
<tr>
<td></td>
<td>X-Large/Short</td>
<td>105 – 115 cm / 41.5 – 45.5 in</td>
<td>46 – 53 cm / 18 – 21 in</td>
</tr>
<tr>
<td></td>
<td>X-Large</td>
<td>105 – 115 cm / 41.5 – 45.5 in</td>
<td>50 – 56 cm / 19.5 – 22 in</td>
</tr>
</tbody>
</table>
Necky Cervical Orthosis

Indications:
- Cervical syndrome
- Hypermobility
- Rheumatic problems
- Excessive strain on the neck muscles
- Whiplash injuries
- Degenerative changes of the cervical spine

Effects:
- Warming and supportive
- Limits movement

Features:
- Anatomically shaped
- Recess for chin and larynx
- Circumference can be adjusted from 37 to 50 cm (14.5 to 20 in) with the hook-and-loop closure
- Comfortable
- Washable
- Attractive colors

The cover consists of high-quality microfiber that is woven into the fabric.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Neck height</th>
</tr>
</thead>
<tbody>
<tr>
<td>50C20</td>
<td>8 cm / 3 in</td>
</tr>
<tr>
<td></td>
<td>10 cm / 4 in</td>
</tr>
<tr>
<td></td>
<td>12 cm / 5 in</td>
</tr>
</tbody>
</table>

Color selection: champagne (0), blue (5). Please indicate color when ordering.
Necky Forte Cervical Orthosis

Indications:
• Cervical syndrome
• Hypermobility
• Rheumatic problems
• Excessive strain on the neck muscles
• Whiplash injuries
• Degenerative changes of the cervical spine

Effects:
• Warming effect
• High support function
• Limits movement

Features:
• Integrated, flexible plastic reinforcement
• Anatomically shaped
• Recess for chin and larynx
• Circumference can be adjusted from 37 to 50 cm (14.5 to 20 in) with the hook-and-loop closure
• High wearing comfort
• Washable

The cover consists of high-quality microfiber that is woven into the fabric.

Material no. | Neck height
---|---
50C30 | 8 cm / 3 in
 | 10 cm / 4 in
 | 12 cm / 5 in

Color selection: champagne (0) and blue (5). Please indicate color when ordering.
Philadelphia Cervical Orthosis

Indications:
• Cervical root irritation
• Simple and stable fractures
• Post-operative after luxations/ luxation fractures
• After Halo Vest

Effects:
• Immobilizes the cervical spine
• High stabilizing effect

Features:
• Ventral and dorsal reinforcements
• Ventilation holes
• Hook-and-loop strap for width adjustment
• Made of plastazote
• Light weight
• Waterproof
• Easy to clean

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size (neck circumference)</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>50C40</td>
<td>S (25 – 30 cm / 10 – 12 in)</td>
<td>6 cm / 2.5 in 8 cm / 3 in 11 cm / 4 in 13 cm / 5 in</td>
</tr>
<tr>
<td></td>
<td>M (33 – 38 cm / 13 – 15 in)</td>
<td>6 cm / 2.5 in 8 cm / 3 in 11 cm / 4 in 13 cm / 5 in</td>
</tr>
<tr>
<td></td>
<td>L (41 – 46 cm / 16 – 18 in)</td>
<td>6 cm / 2.5 in 8 cm / 3 in 11 cm / 4 in 13 cm / 5 in</td>
</tr>
</tbody>
</table>
Shoulder Support

Indications:
- Degenerative effects on the shoulder joint
- Tendomyopathies of the shoulder
- Strains of shoulder muscles
- Acute irritations
- Minor shoulder instabilities
- Post-operative (especially after arthroscopic surgery)
- Oamarthrosis

Effects:
- Supports and relieves the shoulder joint
- Thermoprene material keeps the shoulder muscles warm

Features:
- A hook-and-loop closure allows for shoulder width adjustment
- 5 sizes – universal to the left or right side

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Upper arm circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>7126</td>
<td>XS</td>
<td>24 – 28 cm / 9.5 – 11 in</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>28 – 32 cm / 11 – 12.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>32 – 35 cm / 12.5 – 14 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>35 – 38 cm / 14 – 15 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>38 – 42 cm / 15 – 16.5 in</td>
</tr>
</tbody>
</table>
Acro ComforT Shoulder Support

Indications:
- Degenerative effects on the shoulder joint
- Tendomyopathies of the shoulder
- Strains of shoulder muscles
- Acute irritations
- Minor shoulder instabilities
- Post-operative (especially after arthroscopic surgery)
- Omarthrosis

Effects:
- Supports and relieves the shoulder joint
- Directional straps allow you to individually restrict shoulder movement

Features:
- Made of ComforT: comfortable, thermo regulative material
- Anatomic design eases application and optimal fit
- Integrated silicone band for improved grip to prevent sliding of the orthosis
- Directional straps to individually adjust to the requested mobility settings
- 5 sizes – universal to the left or right side

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Upper arm circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>5055</td>
<td>XS</td>
<td>24 – 28 cm / 9.5 – 11 in</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>28 – 32 cm / 11 – 12.5 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>32 – 35 cm / 12.5 – 14 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>35 – 38 cm / 12.5 – 15 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>38 – 42 cm / 14 – 16.5 in</td>
</tr>
</tbody>
</table>
Acro Assist
– Shoulder Support –

Effective relief for shoulder and arm

The Otto Bock Acro Assist arm abduction orthosis allows for a functional positioning of the shoulder and helps relieve the shoulder/arm joint. The abduction angle can be easily set to 30°, 60° or 90° by means of the attachable hook-and-loop abduction wedge.

Modern closure solutions make it easy to adapt the orthosis to the patient. The Acro Assist arm abduction orthosis is remarkable because of the high stability offered by the light weight of the tube frame construction. The attractive, modern design also increases patient compliance.
**Acro Assist**

**Indications:**
- Post-operative and post-traumatic conditions of the shoulder and arm region that require an abducted position of the arm, including:
  - Condition after rotator cuff surgery
  - Condition after repositioned luxations
  - Subcapital humerus fractures

**Effects:**
- As part of a comprehensive therapy, the orthosis allows for functional positioning of the shoulder through abduction of the arm by 30°, 60°, or 90°. The shoulder joint is also relieved by support from the trunk.

**Features:**
- Stable construction with tube frame
- Easy adjustability of the abduction angle (30°, 60° or 90°)
- Light weight
- Easy adaptation of the orthosis to the patient
- Attractive design

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Body height</th>
</tr>
</thead>
<tbody>
<tr>
<td>50A1</td>
<td>left</td>
<td>right</td>
<td>S</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>L</td>
</tr>
</tbody>
</table>
Arm Abduction Orthosis

The Otto Bock Arm Abduction Orthosis is ideal for the functional treatment of the shoulder and arm. Its modular construction can be adapted to a variety of therapies. Static and dynamic abduction units can be used interchangeably.

Wide hook-and-loop straps ensure a snug and secure fit to the body. The closely fitted support components are inconspicuous under clothing. The orthosis is also light-weight and hygienic.

Relief for the shoulder and arm
Arm Abduction Orthosis

Indications:
- Treatment of post-operative and post-traumatic conditions involving the shoulder and arm, e.g. rotator surgery, repositioned luxations, subcapital humerus fractures

Effects:
- Functional positioning in abduction
- Relieves and immobilizes the arm in an abduction position
- Relief by leaning on the trunk

Features:
- Modular design
- Optional static or dynamic abduction unit
- Light weight
- Hygienic

Size Selection
Arm Abduction Orthosis with dynamic abduction unit

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Body Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>28A11</td>
<td>=2</td>
<td>up to approx. 1.70 m / up to 67 inches (small)</td>
</tr>
<tr>
<td></td>
<td>=1</td>
<td>from 1.60 m / from 63 inches (large)</td>
</tr>
</tbody>
</table>

Arm Abduction Orthosis with static abduction unit

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Body Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>28A21</td>
<td>=2</td>
<td>up to approx. 1.70 m / up to 67 inches (small)</td>
</tr>
<tr>
<td></td>
<td>=1</td>
<td>from 1.60 m / from 63 inches (large)</td>
</tr>
</tbody>
</table>

Size Information

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size 1</th>
<th>Size 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>40 – 33 cm / 16 – 13 in</td>
<td>35 – 30 cm / 14 – 12 in</td>
</tr>
<tr>
<td>B</td>
<td>29 – 20 cm / 11.5 – 8 in</td>
<td>22 – 17 cm / 9 – 6.5 in</td>
</tr>
<tr>
<td>C</td>
<td>40 – 26 cm / 16 – 10 in</td>
<td>28 – 18 cm / 11 – 7 in</td>
</tr>
</tbody>
</table>
### Epi Forsa Plus

**Indications:**
- Epicondylitis humeri radialis (tennis elbow)
- Epicondylitis humeri ulnaris (golfer’s elbow)

**Effects:**
- Targeted and controlled compression on the forearm muscles
- Reduces load on the tendon insertions

**Features:**
- Optimal distribution of pressure due to stable, soft padded plastic core
- Pad provides precise localized compression
- Can be applied to either arm
- Flexible band provides dynamic, continuous regulation of pressure
- Hook-and-loop closure allows for continuous adjustment
- Universal size

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>50A3</td>
<td>universal</td>
</tr>
</tbody>
</table>
Epi Flex Epicondylitis Brace

**Indications:**
- Epicondylitis humeri radialis (tennis elbow)
- Epicondylitis humeri ulnaris (golfer’s elbow)

**Effects:**
- Targeted and dose compression of the forearm muscles
- Relieves pressure on the tendonous muscle insertions

**Features:**
- Pre-formed plastic brace with comfortable Thermoprene liner
- Buckle allows for easy application
- Continuously adjustable
- Universal to the left and right side

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Circumference 5 cm (2 in) below elbow</th>
</tr>
</thead>
<tbody>
<tr>
<td>4801</td>
<td>S</td>
<td>24 – 25 cm / 9.5 – 10 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>26 – 27 cm / 10 – 10.5 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>28 – 29 cm / 11 – 11.5 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>30 – 31 cm / 12 – 12.5 in</td>
</tr>
</tbody>
</table>
Hyper Ex Elbow Support

Indications:
• Prevention of hyperextension of the elbow joint, e.g. after distortions and contusions

Effects:
• Prevents hyperextension of the elbow joint

Features:
• Elbow support made of Thermoprene
• Bilateral polycentric joints provide stability to the elbow joint
• Anterior cross straps can be individually adjusted to limit the amount of extension while flexion is not restricted
• 5 sizes
• Universal to the left and right sides

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Circumference above elbow</th>
</tr>
</thead>
<tbody>
<tr>
<td>3005</td>
<td>XS</td>
<td>21 – 23 cm / 9 – 10 in</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>23 – 25 cm / 10 – 11 in</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>25 – 28 cm / 11 – 12 in</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>28 – 31 cm / 12 – 13 in</td>
</tr>
<tr>
<td></td>
<td>XL</td>
<td>31 – 33 cm / 13 – 14 in</td>
</tr>
</tbody>
</table>
Children’s Wrist Support

Indications:
- Irritations in the wrist area
- Arthrosis, Tendonitis
- Radial nerve paralysis
- Wrist distortions, wrist fractures or dislocated or painful wrists
- After luxations and subluxations

Effect:
- Stabilization and support of the wrist

Features:
- Designed especially for children ages 2 – 12
- Anatomical design and small sizes enable a precise fit for children’s small hands
- Made of soft, colorful, breathable material
- Unique color-coded hook and loop closures make it easy for children to apply the support themselves
- Thumb grip is adjustable for individual comfort and support
- Aluminum splint on volar side is adjustable for individual support

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4067</td>
<td>left</td>
<td>right</td>
<td>XXXXS 8.5 – 9.5 cm / 3.5 – 4 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>XXS 9.5 – 11 cm / 4 – 4.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>XS 11 – 12 cm / 4.5 – 5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>S 12 – 13.5 cm / 5 – 5.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>M 13.5 – 15 cm / 5.5 – 6 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>L 15 – 16.5 cm / 6 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>XL 16.5 – 17.5 cm / 6.5 – 7 in</td>
</tr>
</tbody>
</table>
Children’s Wrist & Thumb Support

**Indications:**
- Irritations in the wrist, in the thumb saddle joint and first metacarpo-phalangeal joint
- Arthrosis, Tendonitis
- Wrist distortions, wrist fractures or dislocated or painful wrists
- After luxations and subluxations after ulnar collateral ligament lesion (skier’s thumb)

**Effect:**
- Stabilization and support of the wrist and thumb

**Features:**
- Designed especially for children ages 2 – 12
- Anatomical design and small sizes enable a precise fit for children’s small hands
- The support is made of a soft, colorful, breathable material
- Unique color-coded hook and loop closures on the dorsal side make it easy for children to apply the support themselves
- Adjustable thumb grip provides optimal support of the thenar muscle
- Aluminum splint on the volar side for individual adaptation and optimal wrist support

### Material no. Side Size Wrist Circumference

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4068</td>
<td>left right</td>
<td>XXXS</td>
<td>8.5 – 9.5 cm / 3.5 – 4 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XXS</td>
<td>9.5 – 10.5 cm / 4 – 4.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XS</td>
<td>10.5 – 11.5 cm / 4.5 – 5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>S</td>
<td>11.5 – 13 cm / 5 – 5.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>M</td>
<td>13 – 14 cm / 5.5 – 6 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>L</td>
<td>14 – 15 cm / 6 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XL</td>
<td>15 – 17 cm / 6.5 – 7 in</td>
</tr>
</tbody>
</table>
Children’s Thumboform

Indications:
• Instabilities of the CMC and MCP joints
• Irritations of the CMC and MCP joints
• Arthrosis, Tendonitis
• After thumb luxations and subluxations, after ulnar collateral ligament lesion (skier’s thumb)

Effects:
• Stabilization and support of the thumb

Features:
• Designed especially for children ages 2 – 12
• Anatomical design and small sizes enable a precise fit for children’s small hands
• The support is made of a soft, colorful material
• Unique color-coded hook and loop closures make it easy for children to apply the support themselves
• Thumb grip is adjustable for individual comfort and support
• Thermoplastic insert is heat moldable, using hot water, to individually shape the orthosis for maximum fit and comfort

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist Circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4069</td>
<td>left right</td>
<td>XS</td>
<td>11 – 12 cm / 4 – 4.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>S</td>
<td>12 – 13 cm / 4.5 – 5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>M</td>
<td>13 – 14 cm / 5 – 5.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>L</td>
<td>14 – 15.5 cm / 5.5 – 6 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XL</td>
<td>15.5 – 17 cm / 6 – 6.5 in</td>
</tr>
</tbody>
</table>
Diagonal Thumb Support

Indications:
- Chronic, post-traumatic or post-operative irritations in the area of the thumb saddle joint
- Rhizarthrosis

Effects:
- Stabilizes the CMC and MCP joints

Features:
- Fabric made of viscose and rubber
- Diagonal design provides support and proper fit
- Removable splint

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4026</td>
<td>left right</td>
<td>XS</td>
<td>13 – 14 cm / 5 – 5.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>S</td>
<td>14 – 16 cm / 5.5 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>M</td>
<td>16 – 18 cm / 6.5 – 7 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>L</td>
<td>18 – 20 cm / 7 – 8 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XL</td>
<td>20 – 22 cm / 8 – 8.5 in</td>
</tr>
</tbody>
</table>
Rhizo Forsa Thumb Orthosis

Indications:
- Injury to the collateral ligaments of the first metacarpo-phalangeal joint (e.g. skier’s thumb)
- Distortions
- Irritations and wear in the area of the thumb saddle joint and the first metacarpo-phalangeal joint (e.g. rhizarthritis)

Effects:
- Stabilizes the first metacarpo-phalangeal joint and the thumb saddle joint

Features:
- High stability with interior plastic core that can be shape-adapted if desired
- Slim and light construction
- Soft, skin-friendly and comfortable textile material
- User-friendly hook-and-loop closures
- The reversing loop can be easily repositioned during fitting

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50A4</td>
<td>left</td>
<td>right</td>
<td>S 13 – 16.5 cm / 5 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right</td>
<td>M 16.5 – 20.5 cm / 6.5 – 8 in</td>
</tr>
</tbody>
</table>
Thumboform Thumb Support

Indications:
- Instabilities of the CMC and MCP joints
- Irritations in the CMC and MCP joints
- Arthrosis, Tendonitis
- After thumb luxations and subluxations, after ulnar collateral ligament lesion (skier’s thumb)

Effects:
- Stabilization and support of the thumb

Features:
- Made of Thermoprene
- Thumb grip is individually adjustable
- Thermoplastic insert is heat moldable, using hot water, to individually shape the orthosis enabling a precise fit, maximum comfort and support
- Available in 5 sizes and three wrist lengths
  - 4084 Short
  - 4085 Medium
  - 4086 Extra Long

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4084/ 4085/ 4086</td>
<td>left right</td>
<td>XS</td>
<td>13 – 14 cm / 5 – 5.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>S</td>
<td>14 – 16 cm / 5.5 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>M</td>
<td>16 – 18 cm / 6.5 – 7 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>L</td>
<td>18 – 20 cm / 7 – 8 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XL</td>
<td>20 – 22 cm / 8 – 8.5 in</td>
</tr>
</tbody>
</table>

*4084, 4085, 4086 refer to length of orthosis*
Thumb Orthosis

Indications:
- Conservative, pre-and post-operative therapy for injuries such as
- Thumb fractures
- Ulnar and radial ligament injuries of the thumb
- Rhizarthritis
- After reconstructive tendon surgery

Effects:
- Functional support and/or immobilization in the CMC and MCP regions of the thumb

Features:
- User-friendly
- Light weight
- Shape-adaptable thermoplastic

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Measurements A</th>
</tr>
</thead>
<tbody>
<tr>
<td>28P50</td>
<td>left</td>
<td>right S</td>
<td>7 – 8 cm / 2.5 – 3 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right M</td>
<td>8 – 9 cm / 3 – 3.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right L</td>
<td>9 – 10 cm / 3.5 – 4 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>right XL</td>
<td>10 – 12 cm / 4 – 4.5 in</td>
</tr>
</tbody>
</table>
Rheuma Flex Wrist Support

Indications:
- Chronic diseases, e.g. rheumatoid arthritis
- Hyper-mobility, instability of the wrist
- Tendinopathies and wrist irritations
- Post-traumatic or post-operative support

Effects:
- Stabilization and support of the wrist

Features:
- Designed especially for patients suffering from rheumatic conditions of the wrist
- Contour sewn anatomical design enables a precise fit
- Made of soft, skin friendly and breathable material that is lined with microfleece for enhanced comfort
- Patient friendly hook and loop closures make it easy for patients to apply the support themselves
- Adjustable thumb grip
- Thermoplastic soft splint is heat moldable, using hot water, to individually shape the orthosis

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4024</td>
<td>left right</td>
<td>XS</td>
<td>14 – 14.5 cm / 5.5 – 6 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>S</td>
<td>14.5 – 15.5 cm / 6 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>M</td>
<td>15.5 – 17 cm / 6.5 – 7 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>L</td>
<td>17 – 18.5 cm / 7 – 7.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XL</td>
<td>18.5 – 20 cm / 7.5 – 8 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XXL</td>
<td>20 – 21.5 cm / 8 – 8.5 in</td>
</tr>
</tbody>
</table>
Rheuma Wrist & Thumb Support

Indications:
- Chronic diseases, e.g. rheumatoid arthritis
- Hyper-mobility, instability of the wrist and thumb
- Tendinopathies and irritations of the wrist and thumb
- Post-traumatic or post-operative support

Effects:
- Stabilization and support of the wrist and thumb

Features:
- Designed especially for patients suffering from rheumatic conditions of the wrist and thumb
- Made of soft, skin friendly and breathable material that is lined with microfleece for enhanced comfort
- Patient friendly hook and loop closures make it easy for patient to apply the support themselves
- Adjustable thumb opening
- Includes radial coil spring that provides extra support to the thumb
- Thermoplastic splint is heat moldable, using hot water, to individually shape the orthosis
- Soft, very thin lining under straps help to relieve pressure and allow the support to slide on like a glove

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4025</td>
<td>left</td>
<td>XS</td>
<td>14 – 14.5 cm / 5.5 – 6 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>S</td>
<td>14.5 – 15.5 cm / 6 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M</td>
<td>15.5 – 17.0 cm / 6.5 – 7 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>L</td>
<td>17.0 – 18.5 cm / 7 – 7.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XL</td>
<td>18.5 – 20.0 cm / 7.5 – 8 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XXL</td>
<td>20.0 – 21.5 cm / 8 – 8.5 in</td>
</tr>
</tbody>
</table>
Manu ComforT & ComforT Stable Wrist Support

Indications:
- Acute and chronic irritations in the wrist area
- Wrist distortions
- Carpal tunnel syndrome
- Conservative treatment of tendonitis
- Radial nerve paralysis
- Ligament injuries of the wrist

Effects:
- Provides high stabilization of the wrist by means of an anatomically preformed volar splint and narrow ulnar and radial springs as well as a wrap-around strap.

Features:
- Comfortable, innovative, thermo-regulative, soft material.
- Three wrap-around hook-and-loop straps facilitate application and optimum adjusting of the wrist support
- Netting allows good ventilation for the hand
- 4055 Manu ComforT comes with a medium strong splint. 4058 Manu ComforT Stable comes with a rigid splint. The brace is also one and a half inches longer – compared to 4055 – thereby providing more stability to the hand and wrist

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4055</td>
<td>left</td>
<td>XS – S</td>
<td>13 – 16 cm / 5 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M – L</td>
<td>16 – 19 cm / 6.5 – 7.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XL – XXL</td>
<td>19 – 23 cm / 7.5 – 9 in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4058</td>
<td>left</td>
<td>XS – S</td>
<td>13 – 16 cm / 5 – 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M – L</td>
<td>16 – 19 cm / 6.5 – 7.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XL – XXL</td>
<td>19 – 23 cm / 7.5 – 9 in</td>
</tr>
</tbody>
</table>
Wristoform

Indications:
- Post scaphoid fractures, tendonitis, epicondylitis, carpal tunnel syndrome
- General instabilities or hyperextension problems of the wrist

Effects:
- Provides high degree of stabilization of the wrist by means of an anatomically preformed volar splint as well as an integrated thermoplastic dorsal splint.

Features:
- Includes a dynamic plastic splint (firm) on the volar side plus a thermoplastic reinforcement on the dorsal side
- The thermoplastic insert is heat moldable, using hot water, and allows for individually shaping the orthosis enabling a precise fit, maximum comfort and support
- The thermoplastic insert is hold in a pocket and can be removed in course of the therapy changing from a high degree of stabilization to a high degree of support
- Made of Thermoprene for optimal comfort

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Wrist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>4088</td>
<td>left right</td>
<td>XS</td>
<td>14.5 cm / 5 - 5.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>S</td>
<td>15.5 cm / 5.5 - 6.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>M</td>
<td>17 cm / 6.5 - 7 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>L</td>
<td>18.5 cm / 7 - 7.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XL</td>
<td>20 cm / 7.5 - 8.5 in</td>
</tr>
<tr>
<td></td>
<td>left right</td>
<td>XXL</td>
<td>21.5 cm / 8.5 - 9.5 in</td>
</tr>
</tbody>
</table>
Manu Immobil Hand Orthosis

Indications:
- Following wrist, carpal or metacarpal surgery
- Functional therapy in cases of acute irritations
- Wrist arthrosis
- Severe distortions, luxations and fractures
- Post-operative and post-traumatic immobilization

Effects:
- Immobilization of the wrist and hand in a functional position

Features:
- Light weight
- Hygienic (washable pads and straps)
- Universal size
- SpaceTex® ensures high comfort and excellent padding qualities

SpaceTex®:
- Breathable
- High compression recovery
- High wearing comfort

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>50P10</td>
<td>left</td>
<td>right</td>
</tr>
<tr>
<td></td>
<td></td>
<td>universal</td>
</tr>
</tbody>
</table>
Wrist Positioning Orthosis

**Indications:**
- Chronic, post-traumatic or post-operative irritations in the wrist area
- Hemiplegia
- Fractures

**Effects:**
- Provides functional support and immobilization of the wrist and the thumb and finger joints

**Features:**
- Light weight
- Shape-adaptable thermoplastic
- User-friendly

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Measurements A</th>
</tr>
</thead>
<tbody>
<tr>
<td>28P44</td>
<td>left</td>
<td>XS</td>
<td>5 – 6 cm / 2 – 2.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>S</td>
<td>6 – 8 cm / 2.5 – 3 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M</td>
<td>8 – 9 cm / 3 – 3.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>L</td>
<td>9 – 10 cm / 3.5 – 4.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XL</td>
<td>10 – 12 cm / 4.5 – 5 in</td>
</tr>
</tbody>
</table>
Wrist Immobilization Orthosis

Indications:
• Pre- and post-operative treatments that require functional support or immobilization, e.g. sprains, distortions and dislocations in the wrist area

Effects:
• Functional support and immobilization of the wrist

Features:
• Light weight
• Shape-adaptable thermoplastic
• User-friendly

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Measurements A</th>
</tr>
</thead>
<tbody>
<tr>
<td>28P48</td>
<td>left</td>
<td>S</td>
<td>7 – 8 cm / 3 – 3.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>S</td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M</td>
<td>8 – 9 cm / 3.5 – 4 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>L</td>
<td>9 – 10 cm / 4 – 4.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XL</td>
<td>10 – 12 cm / 4.5 – 5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>XL</td>
<td></td>
</tr>
</tbody>
</table>
Wrist Orthosis, Short

Indications:
- All conservative pre- and post-operative indications that require functional support or immobilization of the wrist, such as carpal tunnel syndrome and chronic polyarthritis

Effects:
- Provides joint stabilization and variable limitation of wrist movement

Features:
- Light weight
- Shape-adaptable thermoplastic
- Medial joint made of aluminum
- Continuous adjustment possible for positioning of wrist and/or limitation of wrist movement
- User-friendly

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Measurements A</th>
</tr>
</thead>
<tbody>
<tr>
<td>28P42</td>
<td>left</td>
<td>XS</td>
<td>5 – 7 cm / 2.5 – 3 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>S</td>
<td>7 – 8 cm / 3 – 3.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M</td>
<td>8 – 9 cm / 3.5 – 4 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td>L</td>
<td>9 – 10 cm / 4 – 4.5 in</td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XL</td>
<td>10 – 11 cm / 4.5 – 5 in</td>
</tr>
</tbody>
</table>
Wrist Orthosis, Long

Indications:
- All conservative pre- and postoperative indications that require functional support or immobilization of the wrist, such as carpal tunnel syndrome and chronic polyarthritis

Effects:
- Provides joint stabilization and variable limitation of wrist movement with concurrent immobilization of the thumb and finger joints

Features:
- Light weight
- Shape-adaptable thermoplastic
- Medial joint made of aluminum
- Continuous adjustment possible for positioning of wrist and/or limitation of wrist movement
- User-friendly

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Side</th>
<th>Size</th>
<th>Measurements A</th>
</tr>
</thead>
<tbody>
<tr>
<td>28P40</td>
<td>left</td>
<td>XS</td>
<td>5 – 7 cm / 2.5 – 3 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>S</td>
<td>7 – 8 cm / 3 – 3.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>M</td>
<td>8 – 9 cm / 3.5 – 4 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>L</td>
<td>9 – 10 cm / 4 – 4.5 in</td>
</tr>
<tr>
<td></td>
<td>right</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left</td>
<td>XL</td>
<td>10 – 11 cm / 4.5 – 5 in</td>
</tr>
</tbody>
</table>
Static and Dynamic Progressive Bracing
Our orthotic line of static and dynamic braces enhance Continuous Passive Motion (CPM) and other Range of Motion (ROM) restoring therapies. We offer solutions for the ankle, knee, elbow and hand-wrist in our family of braces. We offer both therapy solutions, static and dynamic progressive bracing as single patient use as well as rental devices.

Static Progressive Bracing
Static progressive braces allow stretching the joint past its active end range and hold it at that position. In general, treatment sessions last for a minimum of 30 minutes three times per day over a period of 2 to 3 months or as indicated by the physician or therapist.

Dynamic Progressive Bracing
Whereas Static progressive braces apply a static force to the joint, Dynamic Progressive Braces use a spring mechanism to apply a low amount of force to the affected joint for an extended period of time. In general, treatment sessions last approximately 8 hours per day over a period of 3 to 5 months or as indicated by the physician or therapist.

Orthopedic Indications:
Soft tissue contractures, joint stiffness and adhesions resulting from
• Post-immobilization
• Post-operative complications
• Post-trauma
• Post-grafting for burns

Neurological Indications:
Soft tissue contractures and joint stiffness without occurrence of trauma to the joint:
• Traumatic brain injury
• CVA (stroke)
• Spinal cord injury
• Cerebral palsy
• Muscular dystrophy

Product Features
• Light weight and low profile
• Soft, self-wicking liners
• High patient comfort and patient compliance
• Easy to set and release tension

The choice of therapy, based on indication and preferred application is yours.

Contact customer service for specific ordering information. 1.800.RENT.CPM
Service Parts: Coxa Stable Hip Orthosis

Double Joint Adapter
for hip joint 17H50 (optional)

Material no.  Side  Size
29L77

Hip Pad

Material no.  Side  Size
29L70
left  right  S
left  right  M
left  right  L

Thigh Pad

Material no.  Side  Size
29L71
left  right  S
left  right  M
left  right  L
Service Parts:
Addition Pad for Dosi Supports

**Plastic Pad in Fabric Pocket**
This plastic support pad is suitable for use with the 3002, 1055, and 1056 Back Supports.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Suitable for back supports:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1030</td>
<td>3002, 1055, 1056</td>
</tr>
</tbody>
</table>
**Service Parts: 28R14**

**Hyperextension Orthosis**

### Sternal Upright

Aluminum, plastic-coated

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Length</th>
<th>For</th>
</tr>
</thead>
<tbody>
<tr>
<td>29R138=200</td>
<td>S</td>
<td>200 mm</td>
<td>28R14=S, 28R14=M</td>
</tr>
<tr>
<td>29R138=290</td>
<td>M</td>
<td>290 mm</td>
<td>28R14=M, 28R14=L</td>
</tr>
<tr>
<td>29R138=350</td>
<td>L</td>
<td>350 mm</td>
<td>28R14=L, 28R14=XL</td>
</tr>
</tbody>
</table>

### Waistband

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>29R140</td>
<td>universal</td>
<td>Waist circumference up to 120 cm / 47 in</td>
</tr>
</tbody>
</table>

### Cloth Covering Set

Made of flexible terry cloth for sternal, symphysis and back pads

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Size</th>
<th>for</th>
</tr>
</thead>
<tbody>
<tr>
<td>28R13</td>
<td>M</td>
<td>28R14=S, =M</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>28R14=L, =XL</td>
</tr>
</tbody>
</table>
Service Parts: 28A11/28A21
Arm Abduction Orthosis

Dynamic Abduction Module

<table>
<thead>
<tr>
<th>Material no.</th>
<th>for Orthosis Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>28A20=2</td>
<td>2 (small)</td>
</tr>
<tr>
<td>28A20=1</td>
<td>1 (large)</td>
</tr>
</tbody>
</table>

Replacement Set
Straps or pads of the 28A11/28A21 Arm Abduction Orthosis that have become dirty or damaged through use can be replaced by the components included in the Replacement Set 28A12.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>for Orthosis Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>28A12=2</td>
<td>2 (small)</td>
</tr>
<tr>
<td>28A12=1</td>
<td>1 (large)</td>
</tr>
</tbody>
</table>
Service Parts: For Wrist & Hand Orthosis
Individually adaptable splints made of plastic or aluminum

The support splints follow the contour of the wrist. They are pre-shaped to provide a functional rest position of the wrist as well as to fit to the shapes of palm, wrist and forearm. Plastic splints can be custom-adapted with hot water (75–80°C/167–176°F). The material retains its shape and is environment-friendly. Available in three hardness ranges.

The aluminum splints do not contain heavy metals such as chrome, nickel or zinc. They can be customized to the patient’s individual contours.

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Plastic splints for 4024, 4025, 4055</th>
</tr>
</thead>
<tbody>
<tr>
<td>4002</td>
<td>■ = soft</td>
</tr>
<tr>
<td>4000</td>
<td>■ = medium</td>
</tr>
<tr>
<td>4001</td>
<td>■ = hard</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Plastic splints for 4058 and 4088</th>
</tr>
</thead>
<tbody>
<tr>
<td>4011</td>
<td>■ = hard</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Aluminum splints for 4024, 4025, 4055</th>
</tr>
</thead>
<tbody>
<tr>
<td>4003</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material no.</th>
<th>Aluminum splints for 4058</th>
</tr>
</thead>
<tbody>
<tr>
<td>4013</td>
<td></td>
</tr>
</tbody>
</table>
Ordering Information

Just call 1.800.RENT.CPM...

We have a passion for motion and a commitment to service – when and where you need it. To order any of our products or services you can contact your local sales representative by simply calling 1.800.RENT.CPM. (1.800.736.8276). Our Nationwide direct sales and service organization, one of the largest in orthopedic rehabilitation, our Certified Patient Representatives provide unparalleled service to physicians, patients, and our provider partners.

You can also contact your local rep via email, simply log onto our web site at www.orthorehab.com for more information.

Physicians and Health Plan Payors.

Except for products sold to our commercial accounts, OrthoRehab provides reimbursement services for all of the products that we supply. This includes a pre-service authorization and patient advocacy through our Patient Liaisons and insurance claims submission process. Our goal is to get patients back to motion with the best equipment, products and services available.

To help ensure that patients are getting the best benefits they can, OrthoRehab partners with Managed Care and Health Plan Payors nationwide. Controlling costs while helping to improve outcomes allows patients and payors to get the maximum benefits for their insurance dollar.

National Accounts

To reach our National Accounts toll free call 1.800.788.8372. OrthoRehab delivers specialty rehabilitation products and services better than anyone – nationwide. Many of our Managed Care partners order services for patients throughout the U.S. To help keep order placements fast and accurate, OrthoRehab has a special one-call solution to get orders placed nationwide. These orders can be placed live, via a phone, or by fax; or they can be submitted on-line through our secure internet module or via data transfer.

We put our technology and infrastructure to work to provide a single optimum solution for their patients nationwide. For more information on our National Account Partners, please contact our corporate office and ask for Managed Care Sales.

Commercial Orders

OrthoRehab is happy to take orders from our Commercial Accounts via our web site, www.orthorehab.com, or through our Customer Service department. Products that are to be reimbursed by an insurer or those that require a physician’s prescription should be placed through our field representatives by calling 1.800.RENT.CPM.

To reach our Customer Service Department, call toll-free:

- Monday – Friday
  6:00 a.m. – 4:30 p.m. MST
- Phone: 800.225.1814
- 24-hour toll free fax: 866.422.2599
- Outside the U.S., call 800-387-5139 for our international customers
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<th>Page No.</th>
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