



## CATALOGUE OF MEDICAL PRODUCTS

### UPPER LIMB BRACES



	HemiVital	Upper limb extending and stabilizing apparatus
• Radial-wrist joint	ERH-38/2 ERH-50 ERH-38 ERH-38/1 ERH-47 ERH-47/1	Soft wrist brace Universal wrist brace Wrist brace Wrist-thumb brace Forearm-palm splint Forearm-palm splint with thumb retraction
• Elbow joint	ERH-42 ERH-56 ERH-54	Elbow brace Arm-forearm apparatus Two-piece sling-type shoulder brace
• Shoulder joint	ERH-34 ERH-59 ERH-57	Shoulder vest brace Shoulder stabilizing brace Two-element immobilizing sling

#### ERHEM

### ERH 50

#### Universal wrist brace

##### Application:

- Trauma and injury to the wrist structure
- Wrist isthmus syndrome
- Wrist bone fracture
- Rheumatoid arthritis

##### Traits:

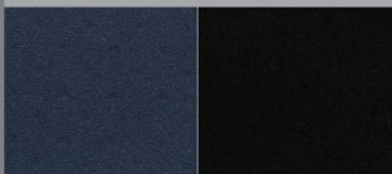
- The brace is made of multi-ply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.

##### Characteristics:

- The system of optional splint displacement and compression straps enables the perfect stabilization of the joint, eliminating any undesired wrist movement.
- The brace allows reducing the amount of bracing gradually during the rehabilitation and custom fitting processes, which is another of its advantages.
- Fits both left and right limbs.

##### Size:

Universal
L/R size and version



• colours

## ERH 38/2

### Soft wrist brace

#### Application:

- Structure trauma and injuries to the joint
- Fractures of wrist bones and posterior forearm bone epiphysis
- Strains
- Rheumatoid arthritis

#### Traits:

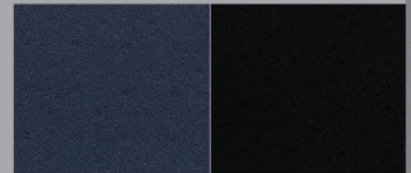
- The soft wrist brace is made of multiply HIGRO-MED fabric.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.
- The brace alleviates pain by facilitating blood circulation, increases edema reduction, and natural trauma healing ratios.
- The brace protects the radial-wrist joint during the return to professional or sports activity.

#### Size:

Wrist size (circumference in cm)	S	M	L	XL
	13-15	15-17	17-19	19-21

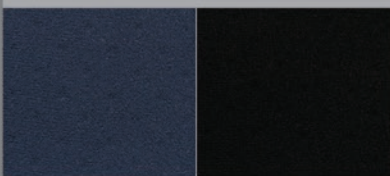


#### • colours



### ERH 38/1

#### Wrist-thumb brace



• colours



#### Application:

- Structure trauma and injuries to the joint
- Fractures of wrist bones and posterior forearm bone epiphysis
- De Quervain's tenosynovitis
- Strains
- Rheumatoid arthritis

#### Traits:

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

#### Characteristics:

- Velcro straps and 3 splints allow precise adjustment and proper stability.
- The anatomically shaped profile ensures wearing comfort.

#### Size:

Wrist size (circumference in cm)	S	M	L	XL
	13-15	15-17	17-19	19-21

## ERH 38 Wrist brace

### Application:

- Structure trauma and injuries to the joint
- Fractures of wrist bones and posterior forearm bone epiphysis
- Strains
- Rheumatoid arthritis

### Traits:

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

### Characteristics:

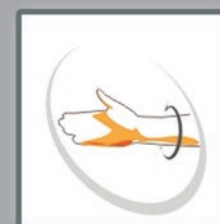
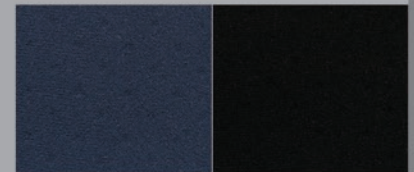
- Velcro straps and 3 splints allowing precise adjustment and proper stability.
- The anatomically shaped profile ensures wearing comfort.

### Size:

Wrist size (circumference in cm)	S	M	L	XL
	13-15	15-17	17-19	19-21



### • colours



### ERH 47/1

#### Forearm-palm splint with thumb retraction

##### Application:

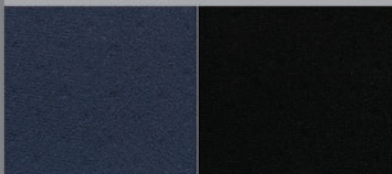
- Fractures of wrist bones and posterior forearm bone epiphysis
- Palsy and flaccid or spastic paresis
- Degenerative joint disease
- Palmar contracture
- Rheumatoid arthritis

##### Traits:

- Traits and characteristics:
- The forearm-palm splint may be applied in a vast variety of orthopedic or neurological cases.
- The innovative profiled metal splint can be formed to match the palm as shown on the photograph.
- Additional thumb catch and support ensures its stability and can be shaped to suit individual needs.
- Four Velcro-fixed truss pads and smooth, delicate fabric ensure fitting the splint to patient's limb circumference and high degree of comfort.



CE



• colours



##### Size:

Wrist size (circumference in cm)	S	M	L
	13-17	17-21	21-30



## ERH 47

### Forearm-palm splint

#### Application:

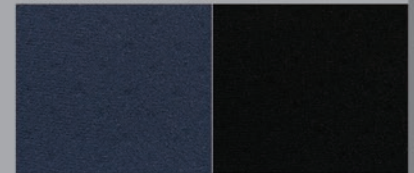
- Fractures of wrist bones and posterior forearm bone epiphysis
- Palsy and flaccid or spastic paresis
- Degenerative joint disease
- Palmar contracture
- Rheumatoid arthritis

#### Traits and characteristics:

- The forearm-palm splint may be applied in a vast variety of orthopedic or neurological cases.
- The innovative profiled metal splint can be formed to match the palm as shown on the photograph.
- Four Velcro-fixed truss pads and smooth, delicate fabric ensure fitting the splint to patient's limb circumference and high degree of comfort.



#### • colours



#### Size:

Wrist size (circumference in cm)	S	M	L
	13-17	17-21	21-30



### ERH 56

#### Arm-forearm apparatus



#### Application:

- Circumferential antebrachial bone section fracture
- Fracture complications of hand and the distal antebrachial bone
- Post-traumatic elbow joint articulation limitation requiring redressment
- Fractures and trauma requiring immobilisation at a specific position
- Elbow joint hyperextension

#### Traits:

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

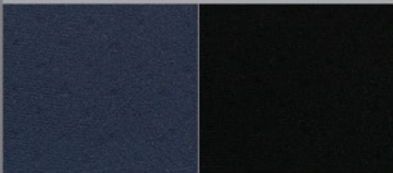
#### Characteristics:

- Fastening straps with clamps and uniaxial metal splints as stabilizers with adjustable bend angle (15 deg. per step) perfectly immobilize the limb in a desired position.
- Small steps of bend angle adjustment allow redressment in the joint.
- Additional wrist joint suspension ensures complete immobilization in distal antebrachial and arm fractures.

#### Size:

The product is custom-made per order.

• colours





## ERH 42

### Elbow brace

#### Application:

- Post-traumatic actuation limitations requiring elbow joint redressment
- Fracture and injuries requiring fixing the joint in a firm position
- Elbow joint hyperextension

#### Traits:

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

#### Characteristics:

- Fixing straps with clips and stabilization through metal uniaxial splint with adjustable bend angle (15 deg. per step) fix the limb perfectly in the position desired.
- Adjusting the bend in small degrees enables redressment within the joint.

#### Size:

Arm size (circumference in cm)	M	L
	< 33	> 33
Splint length [cm]	27	43



#### • colours





## HemiVital

### Upper limb extending and stabilizing apparatus

#### Application:

Palsies or flaccid and spastic pareses of the upper girdle muscles resulting from:

- Past traumas
- Neurological disorders
- Diseases and complications caused by other systems

#### Traits and characteristics:

- Stable support of the limb ensures corrected support to the seated posture, which prevents spinal deformations and complications within the hypotonic muscles of the arm joint.
- Allows independent physical exercise with adjustable resistance in various angle range of upper limb joint, as well as with individual muscular strength, engaging the muscles of the paretic limb.

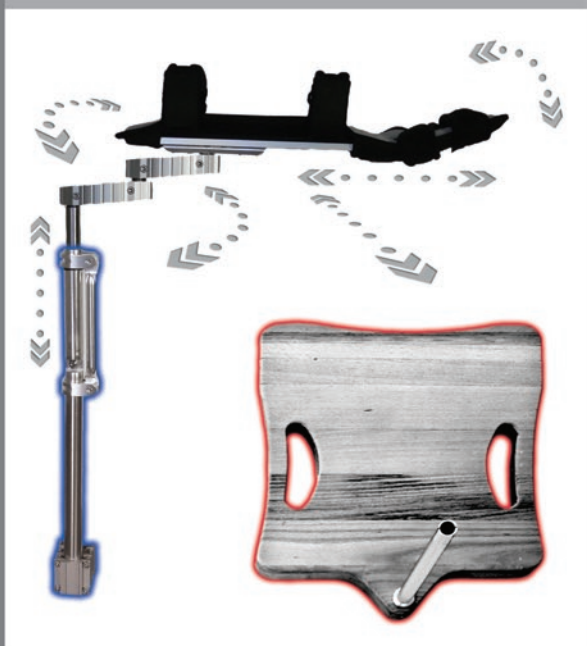
1. flexion and extension of the shoulder joint in the lateral plain
2. abduction and adduction of the shoulder joint
3. external and internal rotation of the shoulder joint
4. flexion and extension of the elbow joint
5. abduction in narrow and wide range
6. upper limb translocation in the fibular plane
7. adjustable flexion and extension in the radial-wrist and metacarpal-digital joint

- The comfort of exercising at any place and time.
- Two versions available: with seat or multifunctional grip, which allow the installation of the apparatus in various settings, i.e. wheelchair, therapeutic cycle, bed, etc.
- Allows the use of thermotherapy with "Hot Cold Pack" gels fitted to the palm section of the apparatus.



CE

- mobilisation within



- version

- with a multifunctional grip
- with a seat

## ERH 54

### Two-piece sling-type shoulder brace

#### Application:

- Healing completion of shoulder girdle fractures
- Shoulder joint inflammation
- Palsies and paresies in brachial bone head subluxation prevention
- Stable shoulder plate fractures

#### Traits:

- Simplicity of design and ease of use.
- The brace is made of polyurethane foam, hemmed with cotton knit on the inside and polyamide knit on the outside.

#### Characteristics:

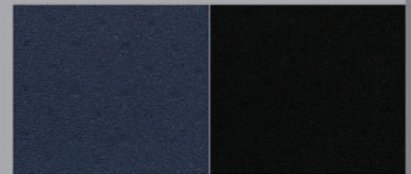
- The bracing with a soft sheet prevents any undesirable dislocation of the limb.
- The shoulder strap design effectively discharges the shoulder girdle without strains to the neck section of the spine.

#### Size:

fits all, two versions:	
for children	and adults



#### • colours



### ERH 34

#### Shoulder vest brace



• colours



#### Application:

- Nape tendons and ligaments strains
- Brachial joint dislocations and subluxations
- Shoulder girdle area fractures
- Healing completion of rotator cones

#### Traits:

- Shoulder joint vest is made from polyurethane foam covered from double sides with polyamide knit, which is neutral to skin and pleasant to touch, and Velcro tapes.
- The materials are friendly to the skin, do not disturb skin trophics and allow proper ventilation as well as sweat absorption.

#### Characteristics:

- The vest is reversible, allowing immobilising the left or right shoulder.

#### Size:

	S	M	L	XL	XXL
Chest size (circumference, cm)	< 70	< 80	< 90	< 120	> 120

**ERH 59****Shoulder stabilizing brace****Application:**

- Shoulder girdle pain syndromes
- Tendon strains
- Ligament pulls
- Habitual shoulder dislocations

**Traits:**

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

**Characteristics:**

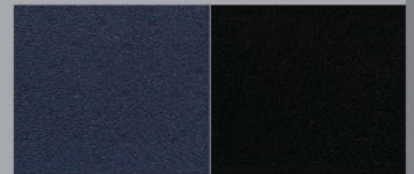
- The compression around the shoulder joint prevents from muscle strain during exercise or hard physical work.

**Size:**

Waist size (circumference in cm)	S	M	L	XL	XXL
	70-80	80-90	90-100	100-110	110-120



## • colours





### ERH 57

#### Two-element immobilizing sling

##### Application:

- Partial immobilization during healing completion of shoulder girdle fractures
- Shoulder girdle inflammatory conditions
- Palsies and paresies in brachial bone head subluxation prevention
- Stable shoulder plate fractures

##### Traits:

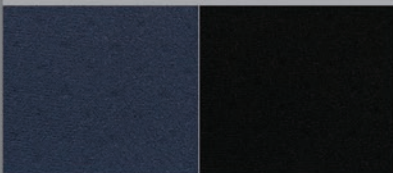
- Simplicity of design and ease of use.
- The brace is made of polyurethane foam, hemmed with cotton knit on the inside and polyamide knit on the outside.

##### Characteristics:

- The bracing with a soft sheet prevents any undesirable dislocation of the limb.
- The shoulder strap design effectively discharges the shoulder girdle without strains to the neck section of the spine.
- Additional chest belt fixes the shoulder to the arm, immobilizing the limb by the trunk.

##### Size:

fits all, two versions:	
for children	and adults



• colours