



FIX

**Fixcast<sup>®</sup>  
Braces**  
INTELLIGENT BRACE

## QUALITY YOU CAN GIVE TO YOUR CHILD

*FixCast Braces<sup>®</sup> is the best  
solution for treating orthopedic  
and neurological injuries in children.*

[www.fixcast.pl](http://www.fixcast.pl)

**THESE ARE MEDICAL DEVICES.  
USE THEM ACCORDING TO THE INSTRUCTIONS  
FOR USE OR LABEL.**

**FixCast Braces®** are innovative pediatric orthoses, providing **perfect support, immobilization and stabilization**. The many sizes on offer allow a brace to be fitted even on a small baby. Particular braces are equipped with our innovative fabric **MEMORYCAST™**, which is a **thermoplastic panel for heat molding**. Contrary to an ordinary plaster cast, the high plasticity of **MEMORYCAST™** allows it to be heated and molded many times, as per the doctor's recommendations. Furthermore, the brace provides perfect lightweight immobilization. The compression and the constant temperature of the joints, reduce pain and improve healing. As a result, **FixCast Braces®** are the best solution in the case of orthopedic and neurological conditions in kids.



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# Fix-KG UPPER LIMB BRACES



**Fix-KG-01**  
Hand and thumb orthosis



**Fix-KG-02**  
Wrist splint and thumb support



**Fix-KG-04**  
Thumb abduction and opposition wrap



**Fix-KG-05**  
Compressive and stabilizing thumb and wrist brace



**Fix-KG-11**  
Compressive wrist brace



**Fix-KG-12**  
Compressive shoulder sleeve



**Fix-KG-13**  
Compressive wrist wrap



**Fix-KG-14**  
Finger splint for children



**Fix-KG-15**  
Thumb support for kids



## ALUMINUM SPLINT

This is made of a special aluminum alloy, thanks to which the stiffeners in the orthoses are very durable, and the weight of the stiffening itself is imperceptible during use.



**THERMOFORMING  
MEMORYCAST™**

In searching for the perfect fit of the medical brace to the body, we decided to revolutionize the technology of creating medical devices. We wanted the orthosis to be able to 'learn' the individual shape of the body, which enables a perfect fit to ensure a higher possible level of stabilization. Such a fit is able to support the limb in the most perfect way during recovery after both severe and minor injuries. To make our dreams come true, we used the **MEMORYCAST™** material, which allows for any modeling of the orthosis after heating it to about **60 degrees Celsius**. The orthosis retains the given shape after cooling. It is also much lighter than traditional plaster, what makes it more comfortable. **FixCast Braces®** are the best solution for the treatment of orthopedic and neurological injuries among children.



**Fix-KG-03**

Wrist wrap with thermoplastic thumb stay



**Fix-KG-06**

Thermoplastic wrist and thumb brace



**Fix-KG-07**

Thermoplastic wrist brace



**Fix-KG-08**

Thermoplastic and compression wrist and thumb brace



**Fix-KG-09**

Thermoplastic elbow wrap



**Fix-KG-10**

Thermoplastic wrist and thumb wrap



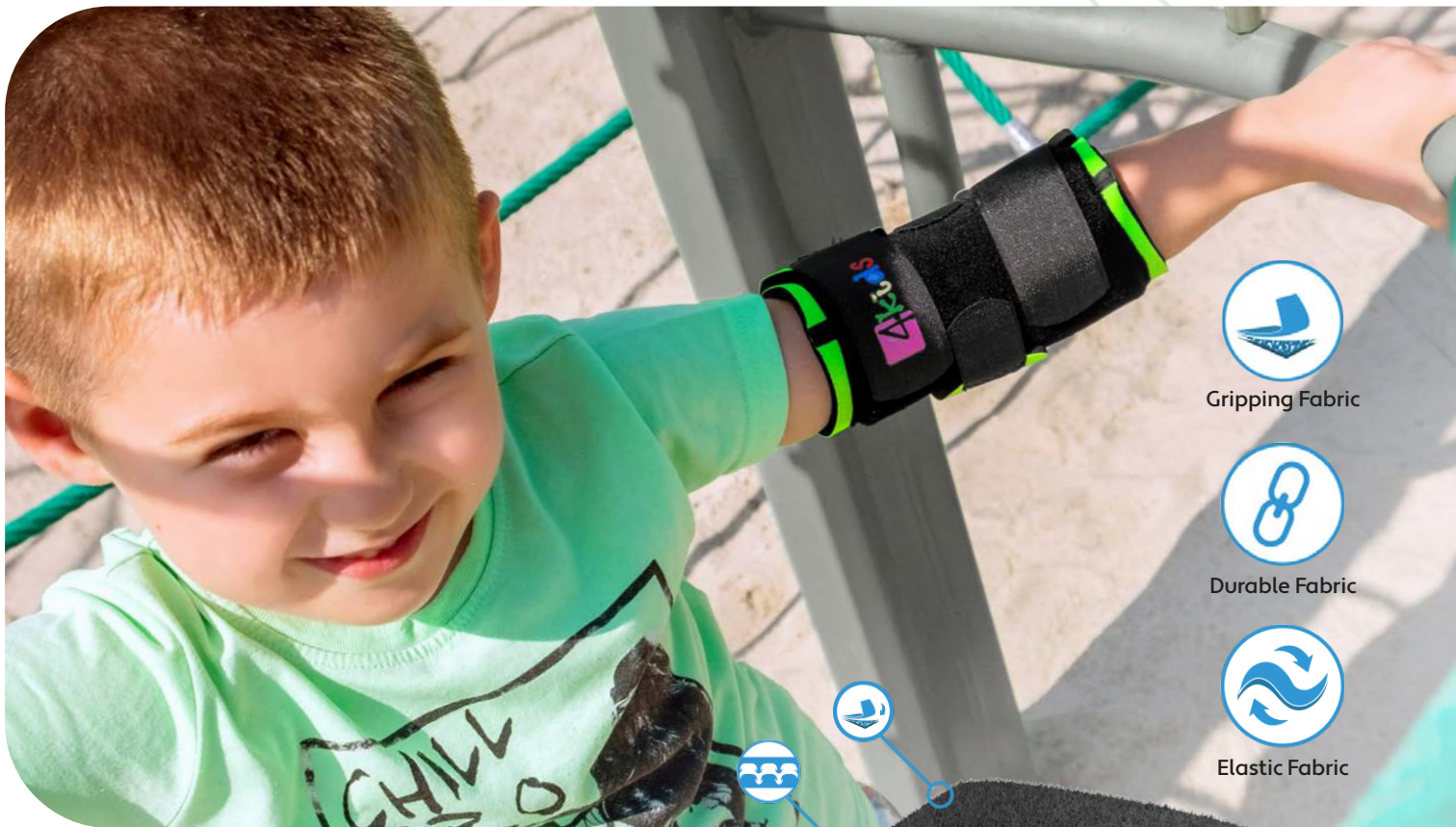
**DO NOT**  
bend the product before it is fully heated and the plate is fully plastic!

**DO NOT**  
flatten or bend the plate after the short initial heating!

**IF**  
there is even minimal resistance, stop shaping and put the product in hot water to heat the plate more efficiently!

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# UPPER LIMB BRACES



Gripping Fabric



Durable Fabric



Elastic Fabric

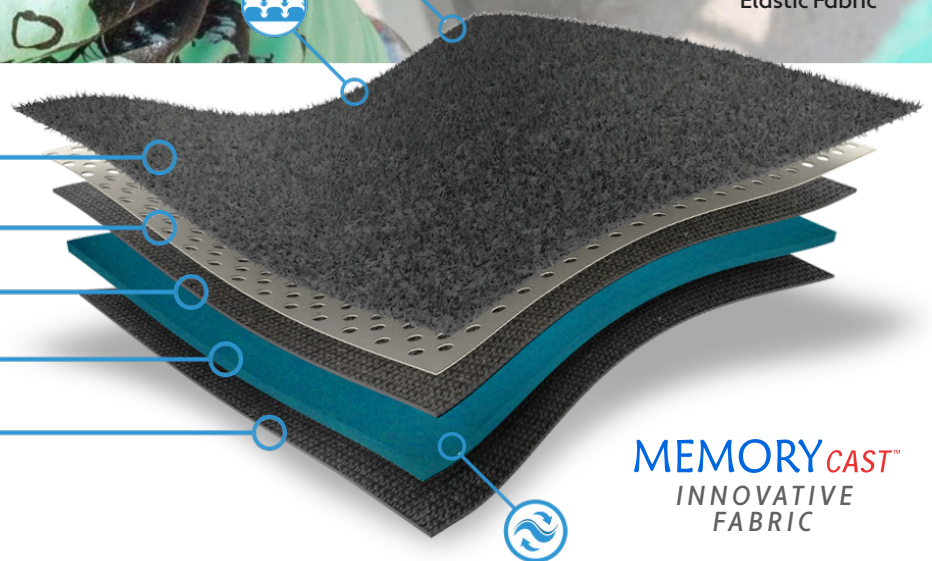
SELF-GRIPPING MATERIAL

THERMOPLASTIC PANEL

COVER LAYER

NEOPRENE FOAM

COVER LAYER



**MEMORY**<sup>CAST</sup>  
INNOVATIVE  
FABRIC

## EASY START

- 1** Heat the **FIXCAST Braces®** to reach the thermoplastic effect: in boiling water, in a microwave oven, in a halogen oven.
- 2** Check carefully if the brace is not too hot for the skin.
- 3** Put the brace on your limb to reach an individual shape.
- 4** Wait until the brace is cooled.
- 5** When the brace is cooled down, it is ready to be used. Its shape is fixed. If you need to correct or change its shape, repeat above steps. The full description of using **FIXCAST Braces®** is included in the user manual.



**DON'T APPLY ON THE SKIN  
IF THE PRODUCT IS HOT!**

# UPPER LIMB BRACES

# Fix-KG

These are medical devices.  
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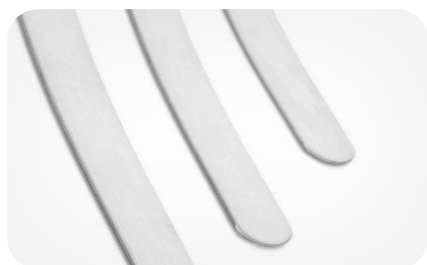
**Fix-KG-16**  
Cubital brace  
with shapeable splints



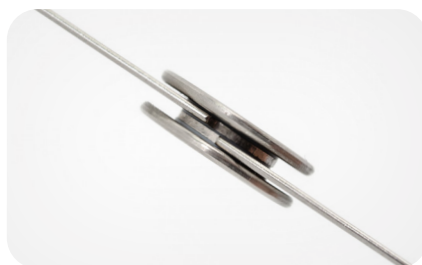
**Fix-KG-17**  
Pediatric elbow brace  
with uniaxial splints **1 SLIM**



**Fix-KG-18**  
Children's wrist and forearm brace



**ALUMINUM STEELS**  
have rounded ends to  
prevent the damage  
of the product.



**UNIAXIAL SPLINT  
1 SLIM**  
is the thinnest orthopedic  
splint in product range  
Reh4Mat's.



**WRIST  
STIFFENING**  
is a special stiffening  
reflecting the shaping of  
the inner part of the palm  
with the support of the  
metacarpus and forearm.



**Fix-KG-19**  
Pediatric elbow orthoses  
with rom adjustment



**Fix-KG-20**  
Pediatric elbow orthosis with rom  
adjustment and hand support



**LIGHT ANATOMICAL  
SPLINT 1R**  
innovative drop-lock  
provides range of motion  
adjustment in every 15  
degrees without  
additional tools.

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## UPPER LIMB BRACES



### **Fix-KG-21**

Universal shoulder brace  
with cushion



### **Fix-KG-22**

Pediatric shoulder humeral  
fracture brace



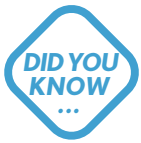
**DID YOU  
KNOW**  
...

### **ORTHOPEDIC SHOULDER SHELLS**

made of lightweight ABS, inner  
soft fabrics and circumferential  
strap. Our arm shells are  
perforated for cooling airflow.

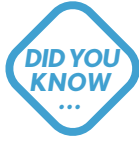
# LOWER LIMB BRACES

Pediatric knee braces are made of thin, colorful **ActivPren™**, which provides constant compression and warmth of the joint. The sleeve design provides **perfect fitting** and improves proprioception.



### ANTI-SLIP SILICONE

prevents the orthosis from shifting during use.



### ELASTIC SPIRAL BONDING

they work in every direction perfectly adjusting to the body.



### Fix-KD-01

Compressive knee sleeve



### Fix-KD-02

Compressive knee sleeve with spiral boning



### Fix-KD-03

Compressive padded knee sleeve



### Fix-KD-04

Wrap Around Compression Supportive Patellar Brace

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# Fix-KD LOWER LIMB BRACES



**Fix-KD-05**  
Pediatric jumper knee strap



**Fix-KD-06**  
Donut knee brace with spiral boning



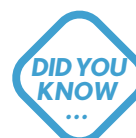
**Fix-KD-07**  
Dynamic knee brace



**Fix-KD-08**  
Dynamic knee brace with X-Straps



**Fix-KD-09**  
Donut kids knee brace with rom adjustment



**LIGHT ANATOMICAL SPLINT 1R**  
provides perfect, anatomical stabilization, appropriate profiling to the end through.



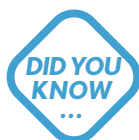
**Fix-KD-10**  
Wrap around knee brace with rom adjustment



**Fix-KD-12**  
Donut kids knee brace with side splints 1 SLIM



**Fix-KD-13**  
Compressive knee sleeve with removable patella support



**SINGLE AXLE SPLINT 1 SLIM**  
is made of two stainless rings with an anti-hyperextension block installed in them.

# LOWER LIMB BRACES

These are medical devices.  
Use them according to the instructions for use or label.



## Fix-KD-14

Universal knee po-op brace  
with length adjustment



**DID YOU  
KNOW  
...**

**LIGHT  
ANATOMICAL SPLINT  
ORTHODESIGN IR**

These splints take on the body's  
shape and provide excellent knee  
stabilization.

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# Fix-KD LOWER LIMB BRACES



**Fix-KD-15**  
Pediatric one size knee brace



**Fix-KD-16**  
Pediatric knee brace



**Fix-KD-17**  
Knee brace  
with patella donut



**Fix-KD-18**  
Wrap around compression  
supportive patellar brace



**Fix-KD-30**  
Donut knee brace  
with spiral boning



## ELASTIC SPIRAL BONING

has a shape memory function, thanks to which they always return to their original profiles.



**Fix-KD-31**  
Kids closed knee brace with  
ROM adjustment



**Fix-KD-32**  
Kids open knee brace  
with ROM adjustment

## LOWER LIMB BRACES

# Fix-KD

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### Fix-KD-33

Rear wrap around pediatric hinged knee brace with splint 1 SLIM



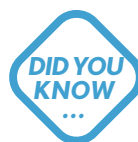
### Fix-KD-34

Pediatric patella stabilizer knee brace



### Fix-KD-35

Pediatric knee brace with lateral spiral boning



### SINGLE AXIS SPLINT 1 SLIM

The splint arms have rounded edges and are secured with plastic to eliminate the risk of damage to the patient's skin. The splints are intended mainly for use in children's knee and elbow orthoses.



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## LOWER LIMB BRACES

### ANKLE BRACES



#### FLEXIBLE SPIRAL BONING

the spiral boning in the orthosis to stabilize the swollen limb immediately after the injury and after the swelling has come down.



#### Fix-KD-40

Child ankle brace with figure-8 straps



#### Fix-KD-42

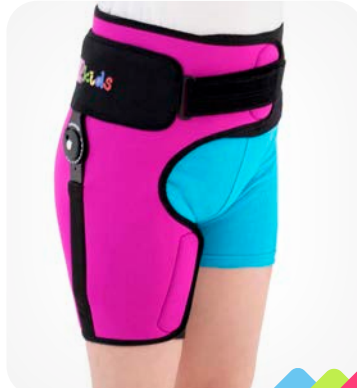
Child ankle brace

### HIP BRACES



#### Fix-KD-11

Pediatric neoprene shorts with external rotator straps



#### Fix-KD-19

Pediatric neoprene hip brace with rom adjustment



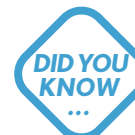
#### Fix-KD-20

Pediatric hip brace



#### LIGHT MAGNETIC JOINT 1R ORTHODESIGN

provides a smooth adjustment of the range of motion every 15° and relieves the overloaded hip joint, as well as ensures the work of the limb in its axis.



#### SIDE SPLINT JOINT FLEX CONTROL

has a steel drop lock with ROM adjustment, height adjustment of the femoral support and the possibility of blocking limb abduction.

# SPINE BRACES **Fix-T**

These are medical devices.  
Use them according to the instructions for use or label.



## Fix-T-01

Trunk vest with 4 levels of support

### PERFECT FOR WATER REHABILITATION

Pediatric vest is a two-piece dynamic trunk vest: front part with zipper and back part with **4 options of support**.

The vest stabilizes the kid's trunk and improves the proprioception skills. It maintains body temperature and warmth and has a buoyancy function. Due to this fact, it is recommended for use in hydrotherapy and other water activities.

## 4 PANEL TYPES / STABILIZATION STEPS:



**1 COMPRESSION**  
made of neoprene foam



**2 MILD SUPPORT**  
with aluminum stays



**3 HIGH SUPPORT**  
with panel **MEMORYCAST™**



**4 HIGH FRONTAL SUPPORT**  
Sagittal-frontal with panel **MEMORYCAST™**



**ALUMINUM STEELS**  
can be freely shaped according to the anatomical shape of the patient.



**THERMOPLASTIC PANELS**  
have the same properties as rigid nylon and soften when the temperature is approx. **60° C**.



**MEMORYCAST™**  
INNOVATIVE FABRIC

**PLEASE NOTE THAT OUR VEST CANNOT BE LIFE-SAVING IN WATER!!**



**DON'T APPLY ON THE SKIN IF THE PRODUCT IS HOT!**

# SPINE BRACES

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**Fix-T-02**  
Pediatric TLSO  
brace STRADA



**ALUMINUM FRAME**  
is a spine stabilizer made of a special aluminum alloy covered with a durable powder coating resistant to water and patient sweat.



**ORTHOPEDIC STAYS**  
they work in one direction and adapt to the shape of the body while stabilizing the laterally protected part of the body.



**Fix-T-03**  
Pediatric torso brace  
with orthopedic stays



**Fix-T-05**  
Pediatric back brace  
with aluminum stays

## BOA® Fit System



**Fix-T-04**  
Dynamic SCOLIORTM scoliotic brace  
with BOA® Fit System

**PRESS THE CLOCK AND TURN**  
to tighten  
the BOA® Fit System



**PULL THE CLOCK**  
to loosen  
the BOA® Fit System



**LOOSEN THE LACES**  
to unfasten  
the BOA® Fit System



The **BOA® Fit System** is engineered with high quality, durable materials that are rigorously field-tested for a micro-adjustable connection that's built to perform.



**PERFECT FIT  
AND FULL  
STABILIZATION**



**REH4MAT sp. z o.o.**

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