



Fix

**Fixcast®
Braces**
INTELLIGENT BRACE

QUALITY YOU CAN GIVE TO YOUR CHILD

FixCast Braces® is the best solution
for treating orthopedic and neurological
injuries in children.

www.fixcast.pl

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.



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.



Fix-KG

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

DID YOU
KNOW
...

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!

UPPER LIMB BRACES



Gripping Fabric



Durable Fabric



Elastic Fabric

SELF-GRIPPING MATERIAL

THERMOPLASTIC PANEL

COVER LAYER

NEOPRENE FOAM

COVER LAYER

MEMORY^{CAST}
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!**



Fix-KG-16

Cubital brace
with shapeable splints



Fix-KG-17

Pediatric elbow brace
with uniaxial splints **1 SLIM**



Fix-KG-18

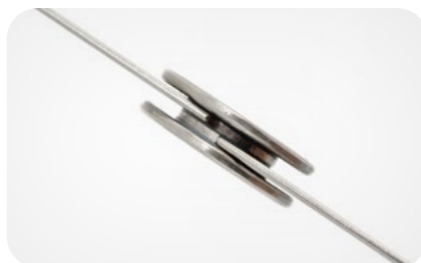
Children's wrist and forearm brace



**DID YOU
KNOW**
...

ALUMINUM STEELS

have rounded ends to
prevent the damage
of the product.



**DID YOU
KNOW**
...

UNIAXIAL SPLINT 1 SLIM

is the thinnest orthopedic
splint in product range
Reh4Mat's.



**DID YOU
KNOW**
...

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



**DID YOU
KNOW**
...

LIGHT ANATOMICAL SPLINT 1R

innovative drop-lock
provides range of motion
adjustment in every 15
degrees without
additional tools.

UPPER LIMB BRACES



Fix-KG-21

Universal shoulder brace
with cushion



Fix-KG-22

Pediatric shoulder humeral
fracture brace



ORTHOPEDIC SHOULDER SHELLS

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

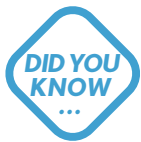
LOWER LIMB BRACES

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 BONING

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



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



Fix-KD-14

Universal knee po-op brace
with length adjustment



DID YOU
KNOW
...

LIGHT ANATOMICAL SPLINT ORTHODESIGN 1R

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

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



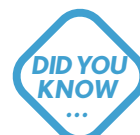
Fix-KD-18

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



Fix-KD-33

Rear wrap around pediatric hinged knee brace with splint **1 SLIM**



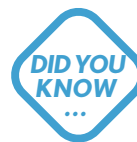
Fix-KD-34

Pediatric patella stabilizer knee brace



Fix-KD-35

Pediatric knee brace with lateral spiral boning

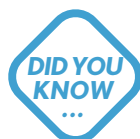


SINGLE AXIS SPLINT 1 SLIM

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.



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



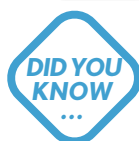
Fix-KD-19

Pediatric neoprene hip brace with ROM adjustment



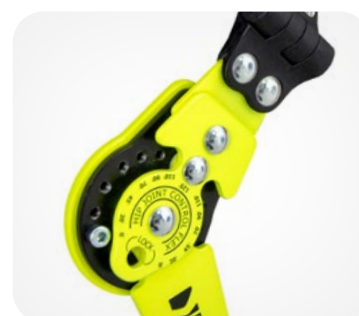
Fix-KD-20

Pediatric hip brace



LIGHT MAGNETIC JOINT IR 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**



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**.



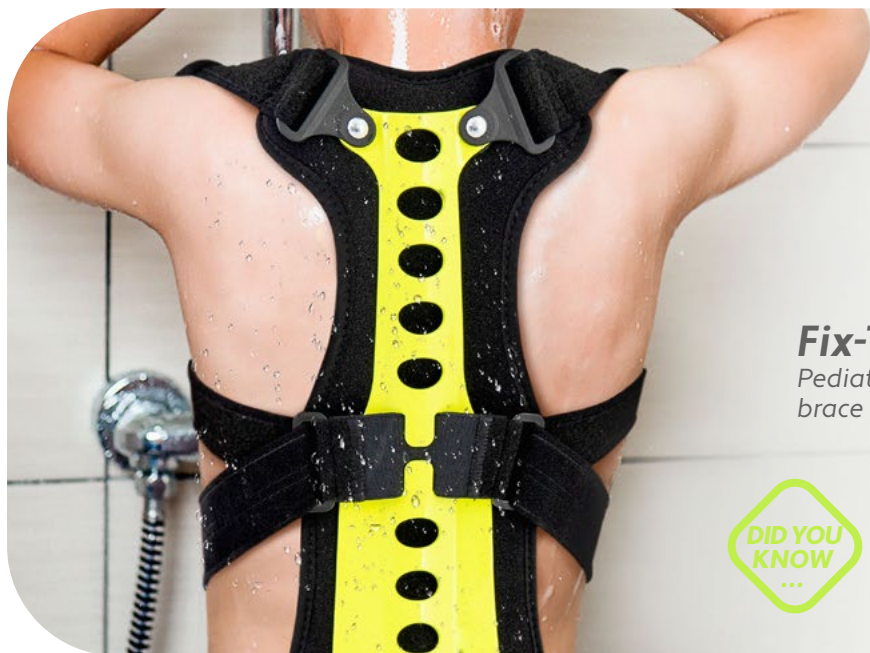
MEMORYCAST™
INNOVATIVE
FABRIC

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

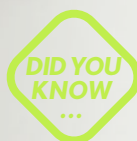


**DON'T APPLY ON THE SKIN
IF THE PRODUCT IS HOT!**

SPINE BRACES

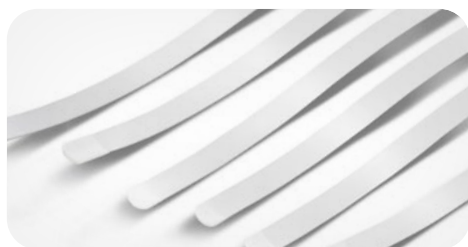


Fix-T-02
Pediatric TLSO
brace STRADA



ALUMINUM FRAME

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

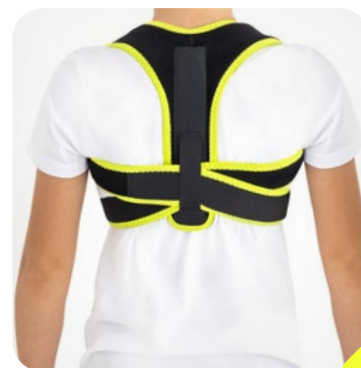


ORTHOPEDIC STAYS

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



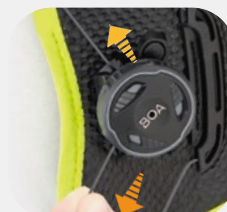
PULL THE CLOCK

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**



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