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UCAST®.
The new standard solution for fractures.

UCAST® is a splinting system for upper and lower limbs that is largely made from renewable raw materials.

The *UCAST*® wood composite splint is used for malpositions of the joints and fractures of the upper and lower limbs. It consists of clinically tested aspen wood particles and sustainable polymer. To fabricate the splint, you only need two components (included in the scope of delivery): the sustainable wood and polymer-based thermoplastic material and the self-adhesive padding material that bonds to the thermoplastic material during adaptation to the patient. The splint can be shaped in just 3 to 5 minutes, and it takes around 5 to 10 minutes to fully cure. The curing time can be further reduced by applying a cooling spray. *UCAST*® can be heated in an infrared or convection oven, using a heating plate or with outer packaging in a thermal bath. The splinting system is X-ray permeable.

Indication

UCAST® is used for immobilisation of fractures of the upper and lower limbs.
UCAST® is also used as a correction aid for malpositions:

- Wrist
- Thumb
- Finger bone
- Metacarpal bone
- Humerus
- Mallet finger
- Ankle
- Knee
- Knee cap/patella
- Toes

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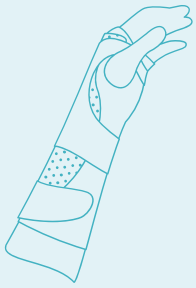
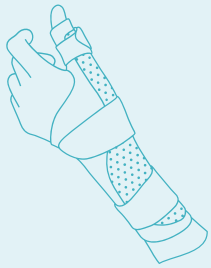
Benefits/advantages

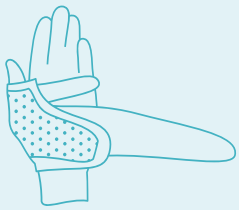
- No toxic ingredients, for glove -free adaptation
- Biodegradable materials for sustainable and resource-conserving work
- High resilience for patient safety in everyday life and during movement
- Highly malleable for easy modelling, even in difficult areas such as the fingers
- No material waste, for clean, space-saving and dirt-free adaptation
- Short heating and curing times for efficient work processes
- Registered medical device and FDA-compliant for proven product quality
- X-ray permeable for clear imaging and easy verification of the healing process



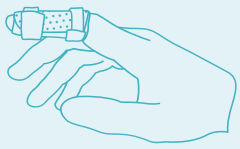
Wrist, forearm



Thumb, long

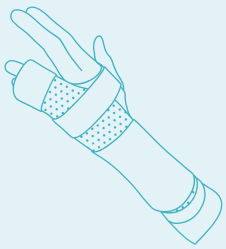


Thumb, short

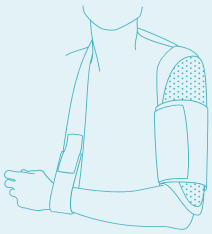


Mallet finger

Finger, long



Metacarpal



Upper arm

Finger, buddy

Ankle

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