

# OPERATING INSTRUCTION

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## TYROMONT VACUUM SPLINTS

### **Purpose**

The TYROMONT vacuum splints are used to fix and immobilise patients suspected of having fractures and hurt or broken extremities. The applications are limited to preclinical assistance and the first phase of clinical support. The TYROMONT vacuum splints are not suited for permanent immobilisation as is the case with a plaster. Open wounds are sterilized and dressed before applying the vacuum splints in accordance with recent standards of aseptic wound treatment.

### **Application**

The TYROMONT vacuum splint is a medical product which may be applied only by medical specialists instructed and trained regularly on the product. The kind of application is in accordance with the current, generally recognised medical guidelines and recommendations of the specialised societies which are concerned.

- Treat open wounds and non-intact skin areas in accordance with the current recommendations of the aseptic treatment and provide a sterile cover.
- Moving the patient should be carried out with an adequate means of relocation in accordance with the current recommendations. To fix and form the vacuum splint, close the belts and tighten the straps.
- To evacuate the air out of the vacuum splint, the valve must be closed. The suction hose of the pump with the corresponding adapter has to be placed directly onto the suction valve and the air has to be evacuated out of the splint.
- Having reached sufficient stability of the vacuum splint, remove the suction hose from the valve.
- Check belts for tightness and comfort for the patient.

### **Cleaning and Care/Disinfection**

The vacuum splint can be cleaned with water and a detergent. An extreme mechanical cleaning which might impair the surface material must be avoided.

Disinfect exclusively using alcohol-based (ethanol / propanol) disinfectants. When other substance classes are used this might lead to irreversible damage of the surface and material. Do not use solvents.

After cleaning the vacuum splint shall be carefully dried.

### **Reusability**

The product may be used again if the material is undamaged and its function preserved. Prior to reuse the user must check the proper condition of the product. Only products in perfect technical and hygienic condition may be reused.

### **Storage**

The vacuum splint shall be stored under dry conditions, protected from direct sunlight.

### **Maximum Life Time**

12 years after production date.