

# OPERATING INSTRUCTION

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## TYROMONT VACUUM MATTRESS

### Purpose

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

### Application

The TYROMONT vacuum mattress 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 mattress, close the belts and tighten the straps.
- To evacuate the air out of the vacuum mattress, 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 mattress.
- Having reached sufficient stability of the vacuum mattress, remove the suction hose from the valve.
- Check belts for tightness and comfort for the patient (in case your model is equipped with additional belts).
- The belts of the cover (depending on the model) are a support for forming the vacuum mattress and to fix the injured person. The belts are **not a transport fixation** for the patient.
- The TYROMONT vacuum mattresses (VM08X02, VM08X07 and VM09X03) may only be used together with a suitable cover with handles.

### Cleaning and Care/Disinfection

The vacuum mattress 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 mattress shall be carefully dried.

### Cover

The cover serves as an additional protection for the vacuum mattress and as carrying handles for the mattress. The cover can be removed for cleaning purposes and can be cleaned in a washing machine (hand wash program) at max. 40°, using usual laundry detergents. For disinfection purposes, "ELTRA 40 Extra" from Ecolab has been tested and could be used. Do not use laundry driers or spin driers, air-dry avoiding direct sunlight.

### 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 mattress shall be stored under dry conditions, protected from direct sunlight.

### Maximum Life Time

12 years after production date.