

CM TraumaMattress USER MANUAL

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1. Description



CM TraumaMattress is an intrahospital trauma mattress, manufactured and designed in Sweden.

Purpose:

- Immobilisation
- Intrahospital transfer

Advantages:

- Eliminates dangerous lifts, safer for personnel and patient
- Pressure-relieving, minimize decubitus risk compared to a hard spineboard
- Optimized for CT and other x-ray
- Leaves no artifacts

2. Applications

The CM TraumaMattress is designed to be used for intrahospital transfer and positioning of:

- Trauma patients
- Patients with cerebral aneurysm or AVM
- Patients from ICU going to CT-examinations or other X-ray
- CM TraumaMattress can also be used for intrahospital transfer

3. Warnings



- Always use the handles when sliding CM TraumaMattress between trolley and different examination tables.
- Do not use in MRI
- CM TraumaMattress is constructed for sliding. Do not carry patients on CM TraumaMattress as on a traditional spineboard.
- CM TraumaMattress has a low friction underside, which means there is a risk of sliding. A patient should never be left alone on a TraumaMattress.
- Use secure straps in connection with Trendelenburg positioning. Use the trolley rails during transport.
- Be sure that the straps for head and body are properly tightened. Never use straps that are worn out.
- If the patient is vomiting, the CM TraumaMattress can be turned. To avoid movement in the spine, use cushions to secure the pelvis from sliding.
- Be sure that the patient's arms are not resting on the handles, as this could result in nerve damage. Use padding or put the patient's arms on the chest, if it is not possible to put the arms inside the grips.
- Be sure that the trolley-or bedwheels are locked before sliding CM TraumaMattress over to X-ray table or other examination tables.
- Be aware of the risk of pressure wounds if the patient is lying on the mattress for a long period of time. Evaluate the patients risk according to hospital guidelines.
- If accidents occur related to CM Trauma Mattress, please report to Comfort Medical AB.

4. Directions for use

4:1 Transferring patients to CM TraumaMattress

4.1.1 Patients arriving on a spineboard:

Procedure 1: Put two CM ProSlide under the patient (picture 1). With safe immobilization of the head, carefully slide the patient over to CM TraumaMattress (picture 2).



Picture 1



Picture 2

Procedure 2:

Put the spineboard directly on top of CM TraumaMattress. Make a log-roll manoeuvre and remove the spineboard (picture 3 and picture 4).



Picture 3



Picture 4

4. Directions for use

Procedure 3: Put the spineboard directly on top of CM TraumaMattress. Slightly lift the patient in the clothes and remove the spineboard (picture 5).



Picture 5

4. Directions for use

4.1.2 Patients arriving on a vacuum-mattress or ambulance mattress:

Procedure 1:

Use the scoop to transfer the patient to CM TraumaMattress. Remove the scoop immediately (picture 6, 7, 8).



Picture 6



Picture 7



Picture 8

Procedure 2: Put two CM ProSlide under the patient. With safe immobilisation of the head, carefully slide the patient over to CM TraumaMattress (picture 9 and 10).



Picture 9



Picture 10

4. Directions for use

4:2 Immobilization of the patient

4:2:1 Fixation of the body and pelvis. CM TraumaMattress comes with four body straps for thorax, pelvis and knee. If needed use the cushions in the set CMTR2 to prevent sideways movements of the patient (picture 11).



Picture 11

4:2:2 Fixation of the neck with CM T-fix and CM TraumaCover. Put the cushion around the patients head and secure its position (picture 12). Add the head straps and fasten them to the side of the mattress (picture 13).



Picture 12



Picture 13

5. Cleaning and maintenance

1. Remove all loose parts.
2. The CM TraumaCover and CM T-Fix is designed for single use and should be disposed after usage.
3. The bodystraps can be washed in a washing machine at 60°C or manually with alcohol and soap solution. Rinse the straps in water before washing. Immerse the straps using alcohol/soap solution. Water temperature should be a maximum of 60°C. Use a brush, cloth, or scrubber to loosen soil. Replace the alcohol/soap solution when water becomes dirty. If alcohol is used, follow the manufacturer's instructions when preparing the alcohol solutions and check if the concentration of the alcohol is correct. Air-dry the straps.
4. The mattress can be cleaned and disinfected with soap/alcohol solution or Vircon 1%.

NOTE! Do not use a lot of liquid.

The Trauma Mattress should be checked as follows once a week:

- Check that the mattress is properly cleaned.
- Check that all straps are attached to the mattress.
- Check the function of the Velcro straps and replace them if necessary.
- Check the mattress for damage.