

MedVac® vacuum splint / mattress

VMR Operating Instructions



Intended Use:

The MedVac VMR vacuum splint is intended for immobilization of a patient during MRI examinations with a magnetic resonance tomograph. MedVac vacuum splints are not suitable for permanent extremity immobilization. Open wounds are sterilely dressed according to the current rules of aseptic wound care before applying the splint.

Indications for use of the MedVac vacuum system during surgery:

The MedVac VMR splint is a medical device that may only be used by instructed medical personnel who have been regularly trained on the product.

The method of use is in accordance with the current, generally accepted medical guidelines and recommendations of the relevant professional societies.

- Treat open wounds or non-intact skin areas according to the current recommendations for aseptic wound treatment and cover sterilely.
- Manually immobilize the extremity until the splint is formed and suctioned.
To fixate and form the splint, close the straps and tighten the straps.
- To aspirate the vacuum splint, the valve must remain closed. Connect the suction hose of the pump with a suitable adapter directly to the suction valve and suck air out of the splint.
- After the rail has reached sufficient strength, remove the suction hose from the valve.
- Check that the straps are tight and comfortable for the patient.

Caution: Regularly check the limb for sufficient blood circulation, comfortable fit of the splint and other special features related to the use of the vacuum splint.

Cleaning and care / disinfection:

The vacuum splint can be roughly cleaned with water and a soap solution.

Extreme mechanical cleaning, which can lead to damage to the surface material, must be avoided.

Disinfection exclusively with alcohol-based (ethanol / propanol) disinfectants.

The use of other classes of substances may cause irreversible damage to the surface and material.

Do not use solvents

Approved disinfectants - MEDVAC/REDVAC

application	Product name	Supplier	Inhalants	Suitable
Surface disinfection	Descogen liquid	Antiseptika	Peroxide compound	According to manufacturer
Surface disinfection	Incidin Pro	Ecolab	QAV + Phenoxyethanol	According to manufacturer
Surface disinfection	Incidin liquid	Ecolab	Alcohols	According to manufacturer
Surface disinfection	Incidin Active	Ecolab	Peroxide compound	According to manufacturer
Surface disinfection	TPH protect	Schülke+	QAV + Amine	According to manufacturer
Surface disinfection	Mikrozid AF liquid	Schülke+	Alcohols	According to manufacturer
Surface disinfection	Acryl Des	Schülke+	QAV – non Alcohols	According to manufacturer
Surface disinfection	Perform	Schülke+	Peroxide compound	According to manufacturer

Storage:

The vacuum splint / mattress shall be stored under dry conditions.

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.



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Basic UDI-DI / GMN: 9010710MedVac7J

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Subject to technical modifications.
Patent pending
Issue 03-2021

