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Operation and maintenance manual, doc no: OM-MVU

Product: NODIN 4-Folded MEDEVAC Stretcher

NSN: 6530-25-160-2914

REF NT-820MVU



Operation and Maintenance Manual



The stretcher is a device for transporting wounded persons in field, in vehicles, vessels or aircraft and as a stretcher bed during in field surgery and/or recovery. The stretcher is designed to be carried by two persons and to be suspended, according to military standards, in the stretcher handles. The stretcher may also be secured to stretcher racks or surgery tables with use of the stretcher supports (feet). The stretcher can be used by any person who has familiarized him-/her selves with the operational manual.

1. Operational environment

The NODIN 4-Folded MEDEVAC Stretcher is developed according to NATO Stanag 2040, (Stretchers, Bearing Brackets and Attachment Supports) as well as STANAG 3204 AMD, (Aero medical Evacuation), Annex E, to facilitate safe transport of patients by land vehicles, naval vessels or aerial vehicles. The stretcher is designed to be able to integrate different medical equipment. Operates without functional problems in temperatures from -40 to + 70 °C

2. Operation

a) Unfolding of stretcher

Place the stretcher on the ground with handles pointing upwards.

Pull the telescopic handles out.



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Push the stretcher-poles towards the ground and then pull them apart to place the stretcher poles horizontally on the ground. Twist the poles outward. This makes the stretcher supports point upwards and allows you to straighten out the locking bars to stretch out the fabric.



The two locking bars can be locked in position with two means:

1. Position yourself in the middle of the stretcher and pull the locking bars towards the middle of the stretcher until they are locked in position.



2. Position yourself on the outside of the stretcher, holding the stretcher handles and use your foot to force the locking bar towards the middle until it is in position. Repeat for the opposite side.

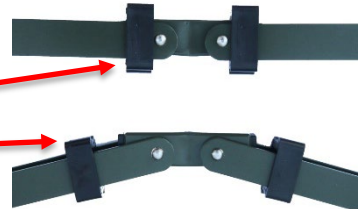


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To avoid unintended collapse of the traverses when in use. Secure the two locking bars by sliding the two plastic securing clamps towards the mid hinge.

LOCKED POSITION

UNLOCKED POSITION



Check the harness for correct assembly.
Stretcher is ready for use
(If using Adjustable Back Rest, please see separate operational manual.)



b) Securing the patient

Make sure to secure the patient firmly, to increase the safety and comfort of the patient as well as the safety of the rescuers.



Safety belts: Adjust the length of the crotch strap and the shoulder straps by positioning the male buckle into the proper pockets on the straps (the crotch strap is placed between the two shoulder straps on the male buckle).



The safety belts are secured when the buckle makes a clicking sound.

Tighten the abdomen strap by pulling on the loose ends of both the male and female buckle.

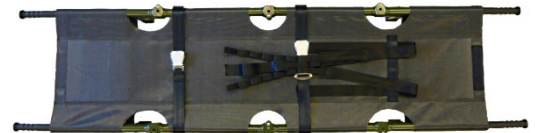
Release the buckle by lifting the lid on the female buckle and pull out the male buckle

The leg safety belt is secured by entering the male buckle into the female buckle. Pull the loose end of the female buckle to tighten the leg-harnesses. Release the buckle by lifting the lid on the female buckle and pull out the male buckle.



c) Folding the stretcher

Assemble the safety belts before starting to fold the stretcher.



Operate the telescopic handle release button and push the handle into inner position.



Turn the stretcher up-side down and unlock the locking bars securing clamps by sliding them away from the centre hinge. Release the locking bars by forcing the middle of the traverse outwards.



Twist the stretcher handles/poles inwards. This causes the stretcher supports/feet to fold into the middle of the stretcher.



Collapse the stretcher sideways by pulling the two stretcher poles together.

Start folding the stretcher by lifting the handle ends.

NOTE: Assure that the fabric is not caught on the hinges (should be loosely positioned on the inside of the hinges).



With both handle ends folded towards the middle of the stretcher, turn it upside down and make the final fold.

3. Maintenance

Inspect the stretcher with harnesses and buckles before use to assure safe transport of patients. After use, make sure the stretcher is clean and dry before folding and storage.

Clean with water and VirKon and/or PeraSafe. Can also be cleansed with a BAYZID chlorine bleach solution mixed with water in a ratio of 1:9

High-pressure washers can be used with up to 80 bar at a distance of 30 cm with hot water at 80 degrees Celsius. The stretcher cloth can withstand being boiled.

Any bodily fluids must be removed, and the area disinfected prior to reuse. No other maintenance is required.

4. Storage

The Stretcher should be stored in a dry area without direct sunlight to optimize the lifetime and to assure the readiness for use. Make sure to dry the stretchers prior to storage to avoid mold and deterioration of fabric, harness and metal components

5. Accident

If an accident occurs due to the stretcher, it must be reported to the manufacturer.

6. Disposal after end of use

All metal parts can be recycled.

7. Devices intended for use

The following equipment is designed for safe use together with the stretcher. See manual for each product for how to use.

Part Number:	Equipment:	Part Number	Equipment:
NT-821IVP	IV-pole	NT-832MRL	Medical Rail Long
NT-833MPO	Medical Pole	NT-827SEB	Stretcher equipment Bridge
NT-837MEX	Medical Pole Extender	NT851ABR	Adjustable Backrest
NT-834IVH	Medical Pole IV-Hook	NT-823SAR	Stretcher Armrest
NT-835SIT	Stretcher IV-traverse	NT-822MAD	Stretcher Mattress
NT-831MRS	Medical Rail Short	NT-880TSS	Tiltable Stretcher Stand