

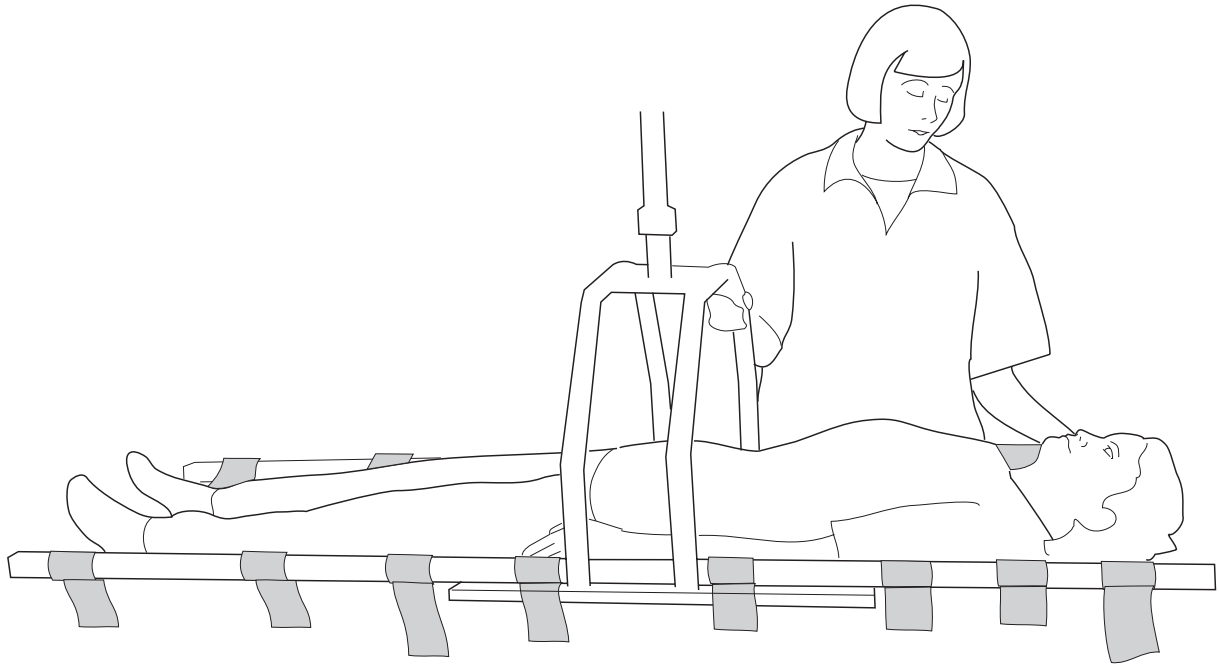
LikoStretch™ Mod 600 IC



Accessory

Instructions for Use

LikoStretch Mod 600 IC, wide Prod. No. 3156065B



Product Description

LikoStretch Mod 600 IC accessory equipped with Straps 600 IC is intended for horizontal lifting and transfer in extra demanding lifting situations. The straps are comfortably placed under the patient without having to turn or roll the patient.

The LikoStretch Mod 600 IC accessory can be used together with: LikoGuard™ overhead lift, Likorall™ overhead lift, Multirall™ overhead lift, Viking™ L mobile lift, Viking™ XL mobile lift and Golvo™ mobile lift.

In this document, the person being lifted is referred to as the patient and the person helping is referred to as the caregiver.



IMPORTANT!

Lifting and transferring a patient always involves a certain level of risk. Read the instructions for use for both the patient lift and lifting accessories before use. It is important to completely understand the contents of the instructions for use. The equipment should only be used by trained personnel. Ensure that the lifting accessories are suitable for the lift used. Exercise care and caution during use. As a caregiver, you are always responsible for the patient's safety. You must be aware of the patient's ability to make it through the lifting situation. If something is unclear, contact the manufacturer or supplier.

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Symbol Description

These symbols can be found in this document and/or on the product.

Symbol	Description
	Warning; this situation requires extra care and attention
	Read instructions for use before use
	This product complies with EC directives.
	Manufacturer
	Date of manufacture.
	Caution! consult instructions for use
	Consult instructions for use for more information
	Product Identifier
	Serial Number
	Medical Device
	Recyclable
	GS1 Data Matrix Barcode that may contain following information (01) Global Trade Item Number (11) Production Date (21) Serial Number

Safety Instructions

Before lifting, keep the following points in mind:

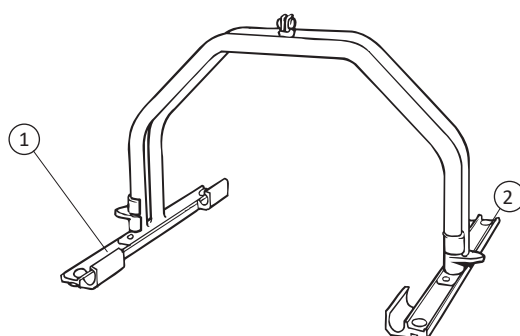
- Ensure that the lifting accessory is properly attached to the lift.
- We recommend that at least two caregivers assist during lifting with LikoStretch™ Mod 600 IC accessory.
- Plan the lifting operation so that it can be done as safely and smoothly as possible.
- Before the patient is lifted from the underlying surface, but when the straps are fully extended, make sure that the straps are correctly connected to the stretcher.
- Make sure that any castors on beds, gurney, etc., are locked during lifting/transferring operation. However, the mobile lift's castors should be unlocked when it is used with the stretcher.
- Because LikoStretch Mod 600 IC accessory has self-locking lift straps, the patient must rest completely on a solid surface before the straps are loosened.

Never leave a patient unattended during a lifting situation.

The stretcher must not be modified under any circumstance. If you have any questions, please contact Hill-Rom.

 Medical Device Class I Product

Definitions



1. Lift rail
2. Safety catch

A complete lift system requires the following lifting accessories: SideRails, Straps.
See Recommended lifting accessories page 5.

Technical Data

Maximum load: 250 kg (550 lbs).
Width: 80 cm (31.5 in.)

Maximum Load

Different maximum loads may apply to different products on the assembled lift system: lift, sling bar, sling and any other accessories used. For the assembled lift system, the maximum load is always the lowest maximum load rating for any of the components. For example: LikoStretch™ Mod 600 IC accessory, has a max. load of 250 kg (550 lbs). In combination with Quick-release Hook Universal which has a max. load of 300 kg (660 lbs), and a Likoall™ overhead lift which has a max. load of 200 kg (440 lbs), the maximum load of 200 kg (440 lbs) applies to the assembled lift system.

Study the markings on the lift and lifting accessories or contact your Hill-Rom representative if you have any questions.

Recommended Lifting Accessories

SideRails 600 (pair)

To be combined with Straps.

Max. 250 kg (550 lbs)

Prod. No. 3166506

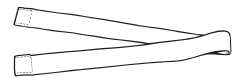


Straps Mod 600 IC, 8 pcs/set

Polyester.

Max. 250 kg (550 lbs) irrespective of how many of the straps (6-8 pcs.) that are being used.

Prod. No. 3684001



Spatula Mod 600 IC

Enables easy and convenient placing of Straps

Prod. No. 3684002

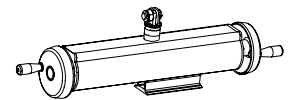


Stretch Leveller

Recommended accessory for balancing the centre of gravity during lifting.

Max. 300 kg (660 lbs)

Prod. No. 3156200

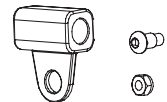


Fixed kit 4

Fits LikoStretch Mod 600 IC accessory in combination with LikoGuard™ L, XL overhead lift.

NOTE! Shall be assembled by personnel authorized by Hill-Rom!

Prod. no. 3308860

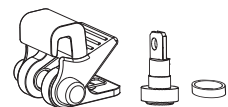


Quick-release Hook TDM

Liko's Quick-release Hook TDM is part of a system that enables quick and easy exchange of lifting accessories on Liko's mobile and stationary lifts.

Max. 300 kg (660 lbs)

Prod. No. 3156502

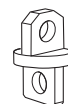


Contact your Hill-Rom representative for more information.

Adapter 12 mm

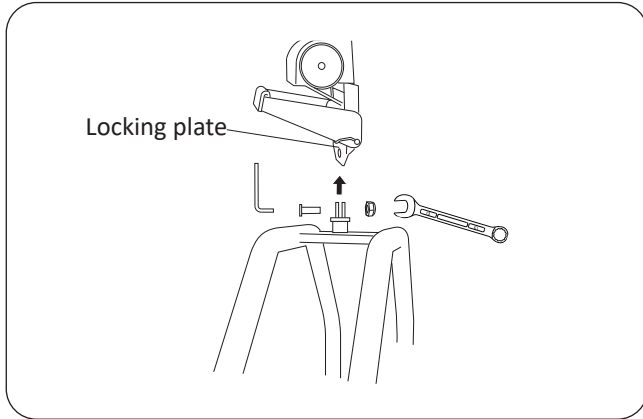
Max. 300 kg (660 lbs)

Prod. No. 2016504

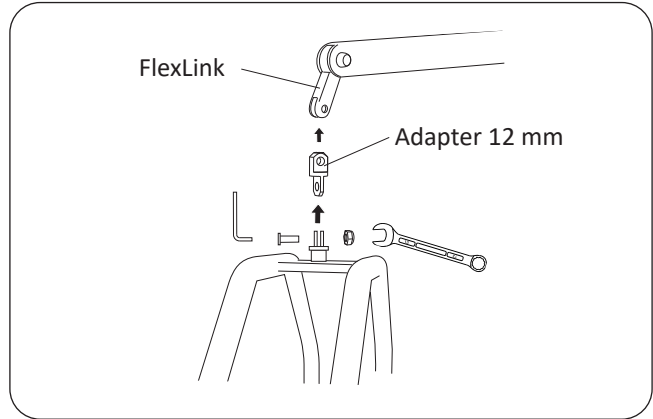


Assembly

Fixed assembly

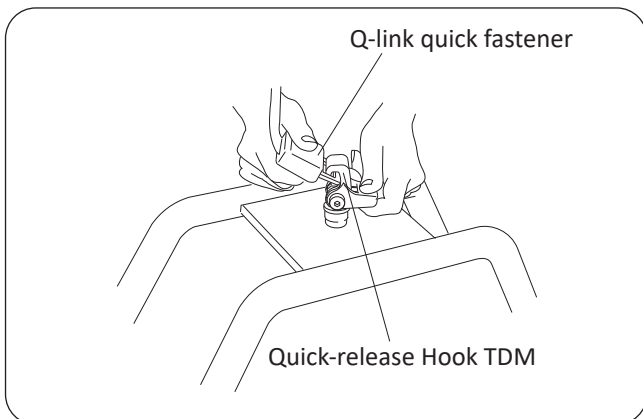


Likorall™ 242 overhead lift (not R2R) and Golvo™ mobile lift
LikoStretch Mod 600 IC accessory is assembled directly into the lift's locking plate using M10x25 screws and nuts.
Recommended tools: 6 mm Allen wrench and 17 mm closed-end wrench.



Viking™ L mobile lift, Viking™ XL mobile lift
LikoStretch Mod 600 IC accessory is assembled via the accessory Adapter 12 mm (see page 6) using M10x25 screws and nuts.
Recommended tools: 6 mm Allen wrench and 17 mm closed-end wrench.

Assembly with Quick-release Hook



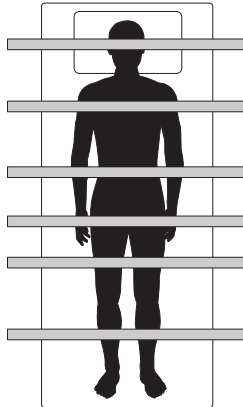
LikoStretch Mod 600 IC accessory may be equipped with Quick-release Hook TDM (see page 5) to enable smooth and easy assembling into the lift without tools.

The lift must be equipped with Q-link quick fastener in order to fit the Quick-release Hook TDM. Some lifts in Liko's product range (Multirall overhead lift, Likorall R2R overhead lift) include this as a standard feature, whereas other lifts intended for use with LikoStretch Mod 600 IC accessory may be complemented with Q-link quick fastener as an additional option.

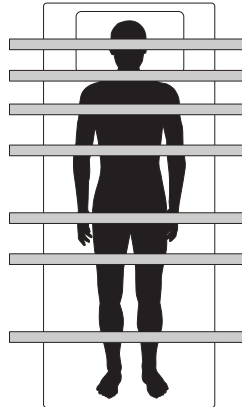
Lifting with Straps

Place the carrying straps under the body in desired positions; the number of straps required is to be determined by the responsible nursing staff from case to case (see alternatives below). For safety reasons, LikoStretch Mod 600 IC accessory is designed so that the straps self-lock when load is applied to correctly attached straps. Therefore, the patient must be lowered to the bed before the straps can be loosened and moved.

6 straps



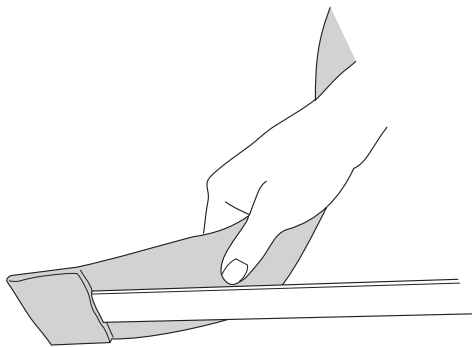
7 straps



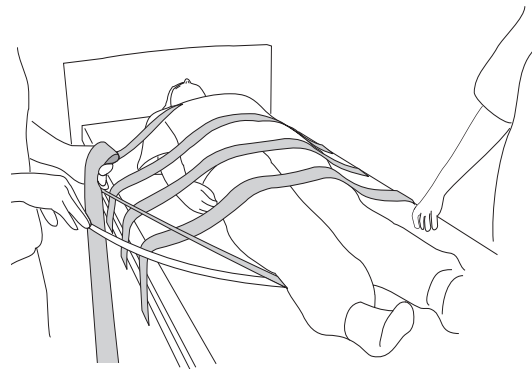
8 straps



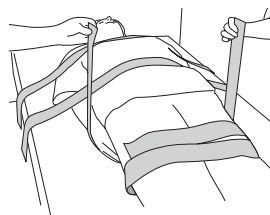
Begin by laying out the straps above the positions on the body where the straps will subsequently lift.



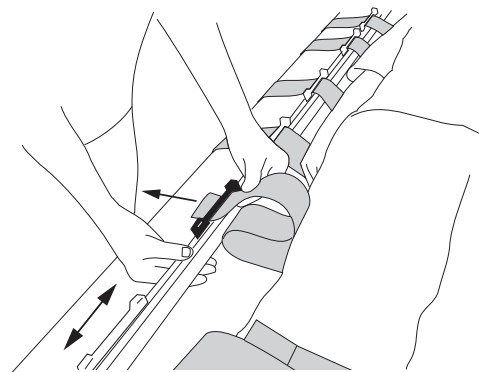
Thread the spatula into the little pocket on the strap. Turn the strap so that the pocket faces downward. Positioning the straps is much easier if the surface/bed sheet is taut and even.



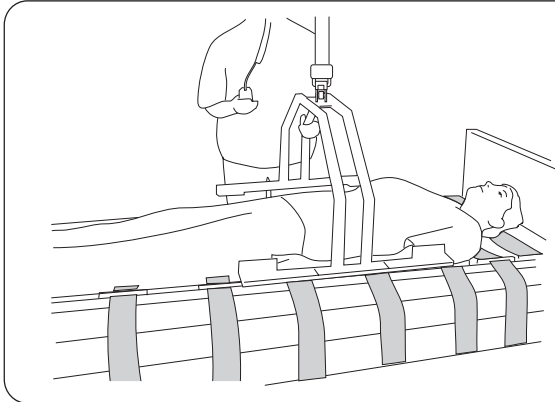
Place the straps under the patient using the spatula. Hold the strap about 40° from the bed and carefully push the spatula diagonally downward and inward.



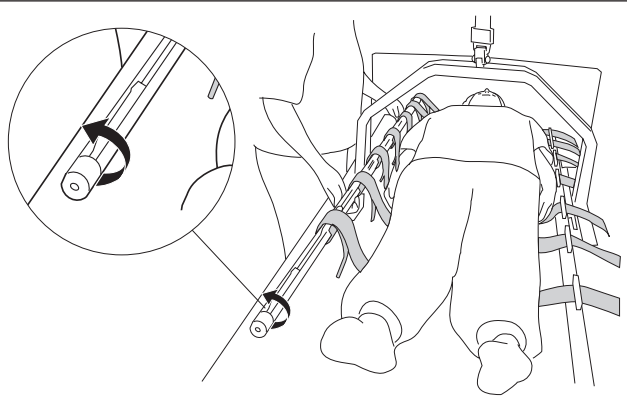
Grasp the strap on the opposite side and pull it out so that it is equally long on both sides. As each strap is positioned, arrange the strap ends on top of the patient.



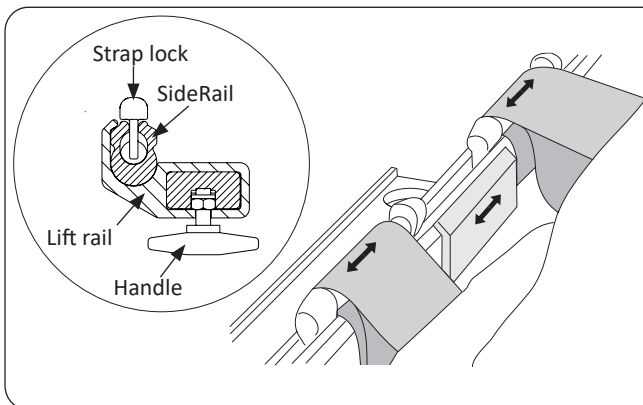
Remove the SideRails and thread the straps through the strap locks, as illustrated. **NOTE! Always begin by threading the straps from the head end downwards.** The strap locks can slide sideways to correspond to the position of the straps.



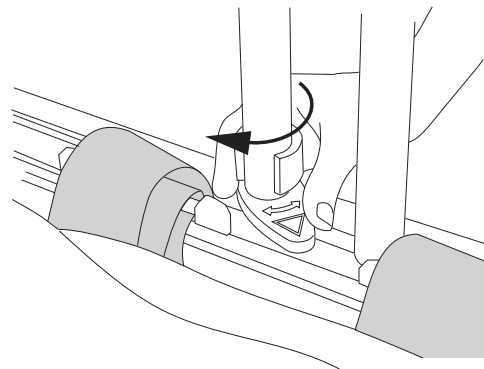
Lower the stretcher to the bed right above the patient's centre of gravity, usually just below the navel.



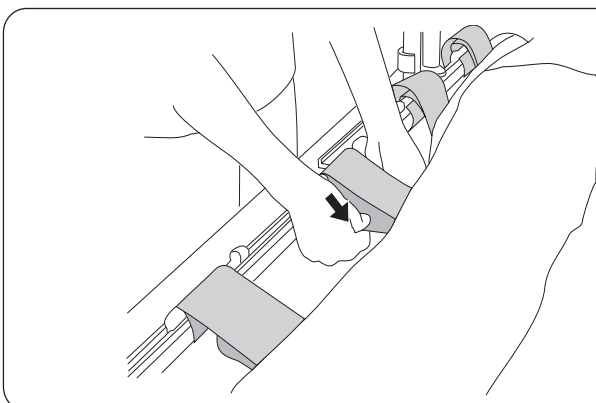
Pull the SideRail towards you. Then twist the SideRail one whole turn (360°), as shown in the illustration. **NOTE!** The strap ends are then under the straps.



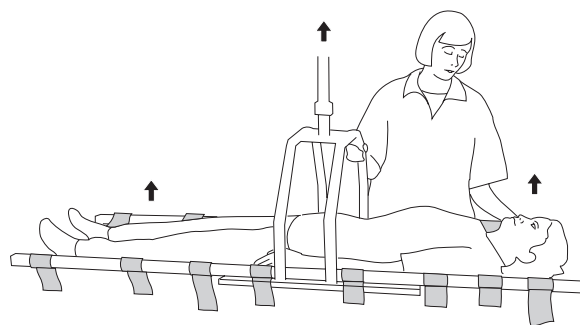
Place the SideRails in the stretcher's lift rail so that they lock in position. Make sure that the straps do not get jammed between the lift rail and the SideRail; if so, adjust the lift rail with the handle on the under side or reposition the strap.



Turn the red safety catch in over the SideRail. (Note that even a partial turning, i.e. less than 180°, will secure the SideRail from being unhooked unintentionally.)

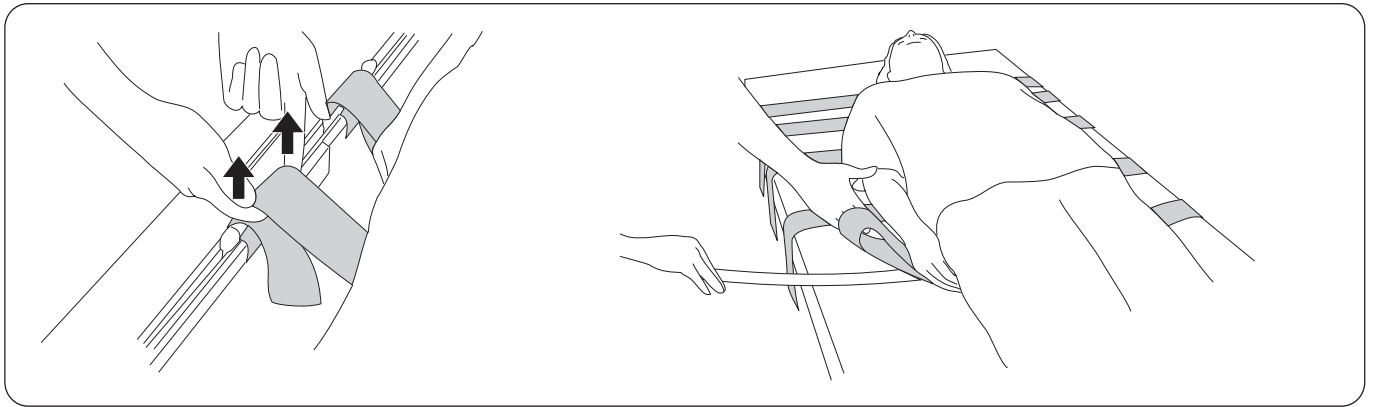


Tighten each strap by pulling the strap end inwards – slightly downwards towards the patient, as shown in the illustration.



Lifting can begin. Check to ensure that the patient is suspended in desired position, i.e. horizontally or normally with the head slightly higher. See *Adjusting the centre of gravity during lifting with straps*, page 9.

When lifting has been completed, remove the straps according to the description below.

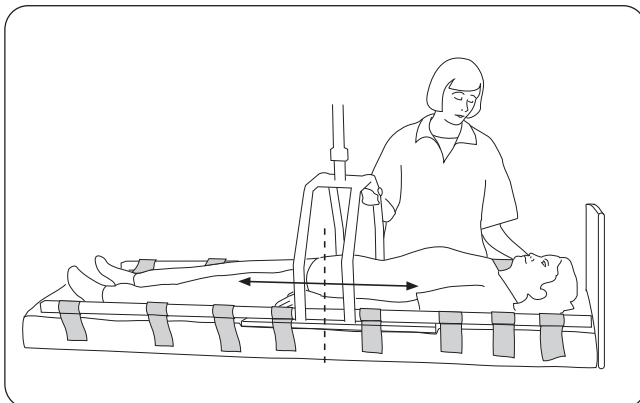


Lower the patient to a solid base. Loosen the straps by lifting straight up, as shown in the picture. When all the straps have been loosened the SideRail can be unhooked and removed. Remember to turn back the safety catch so that it is at a 90° angle in relation to the lift rail.

Remove the straps by carefully guiding them under the patient with the help of the spatula. For least friction push the strap ends under the straps themselves. Alternatively, gently pull the straps out from under the patient without the spatula.

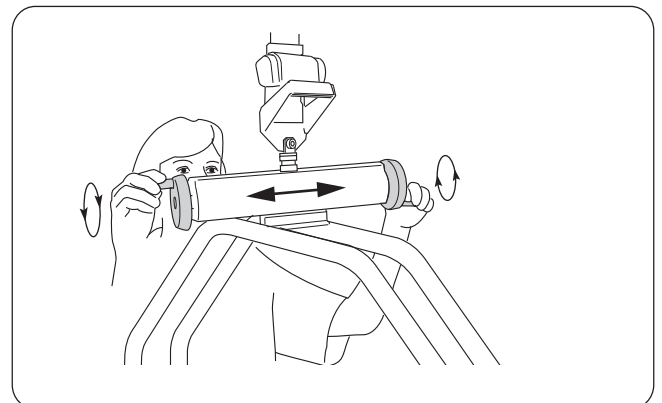
Adjusting the centre of gravity during lifting with straps

By adjusting the position of the stretcher.



If the patient is not balanced during lifting, adjust this by lowering the patient onto a solid base so that weight can be relieved from the straps. In this position the SideRails can be moved along the stretcher's lift rail in order to achieve the correct balance.

With the lifting accessory Stretch Leveller



With the Stretch Leveller (see page 5) the centre of gravity can be easily regulated while the patient is in an elevated position (lifted) by turning the knobs on the Stretch Leveller.

Care and Maintenance

For trouble-free use, certain details should be checked before each use:

- inspect the stretcher and lifting accessories to make sure that there is no external damage
- check that the safety catches are functioning.

When necessary, clean the stretcher with a moist cloth, using warm water or disinfectants.

NOTE! Do not use cleaning agents that contain phenol or chlorine, since these can damage aluminum and polyamide material.

 **The stretcher should not be exposed to running water.**

Service

A periodic inspection of the stretcher should be carried out at least once per year.

 Periodic inspection should be performed by personnel authorized by Hill-Rom.

 Service activities are not allowed with the patient in the stretcher.

Service Agreement

Hill-Rom offers the opportunity to enter into service contracts for the maintenance and regular inspection of your Liko product.

Expected Life Time

The product has an expected life time of 10 years when correctly handled, serviced and periodically inspected in accordance with Liko's instructions.

Recycling Instructions

The stretcher should be recycled as scrap metal.

Hill-Rom evaluates and provides guidance to its users on the safe handling and disposal of its devices to aid in the prevention of injury, including, but not limited to: cuts, punctures of the skin, abrasions, and any required cleaning and disinfection of the medical device after use and prior to its disposal. Customers should adhere to all federal, state, regional, and/or local laws and regulations as it pertains to the safe disposal of medical devices and accessories.

If in doubt, the user of the device shall first contact Hill-Rom Technical Support for guidance on safe disposal protocols.

Product Changes

Liko's products undergo continuous development, which is why we reserve the right to make product changes without prior notice. Contact your Hill-Rom representative for advice and information about product upgrades.

Design and Quality by Liko in Sweden

Liko is quality certified according to ISO 9001 and its equivalent for the medical device industry ISO 13485. Liko is also certified according to environmental standard ISO 14001.

Notice to Users and/or Patients in EU

Any serious incident that has occurred in relation to the device, should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.



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