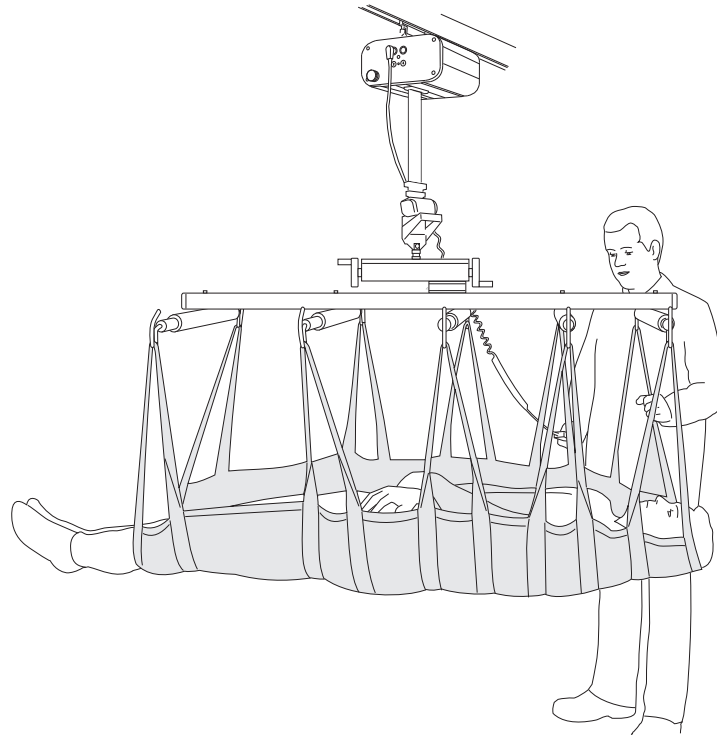


## Instruction Guide

FlexoStretch

Prod. No. 3156057



## Product Description

FlexoStretch accessory is intended for lifting and transferring patients in a horizontal supine position. The load-carrying part consists of an entire LiftSheet™ or, alternatively, five LiftStraps. The width of the stretcher can be adjusted between 70 and 95 cm, by pulling the lift arms either out or in.

FlexoStretch accessory is equipped with a Stretch Leveller to make it easy to control the centre of gravity during the lift.

FlexoStretch accessory can be used together with: LikoGuard™ overhead lift, Likoall™ overhead lift, Liko MasterLift, 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 them is referred to as the caregiver.*

**△ is a warning triangle used for situations that demand extra care and attention.**

### **IMPORTANT!**

Read the instruction guide for both the patient lift and lifting accessories before use. Lifting and transferring a person always involves a certain level of risk. It is important to completely understand the contents of the instruction guides. The equipment should only be used by trained personnel. Please contact Hill-Rom in the event of any uncertainties or questions.

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## NOTE!

This instruction guide contains important information for the user of the product.

All those who use the product should review and completely understand the contents of the instruction guide.

Remember to keep the instruction guide in a place where it is always available to those using the product.

## Safety Instructions

### Before lifting, remember the following:

- We recommend that at least two people assist during lifts with FlexoStretch accessory.
- Plan the lifting operation before the lift to make it as safe and convenient as possible.
- Although FlexoStretch accessory is equipped with safety latches, special caution must be exercised:  
Before the patient is lifted from the underlying surface, but after the straps have been fully extended, make sure the straps are properly 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.
- Ensure that the lifting equipment is properly attached to the lift.
- Read the instruction guides for the lift and lifting accessories.
- Make sure that personnel using the lift is informed of the correct operation of the lift.

### Never leave a patient unattended during a lifting situation.



FlexoStretch accessory complies with the requirements for Class 1 products (MDD 93/43/EEC).

**Maximum load: 300 kg**

## Maximum Load

Different maximum loads may apply to different products in the combined lift unit: stretcher, LiftSheet™/LiftStrap, and any other accessories that are used. The lowest maximum load indicated for the respective products is always applicable to the combined lift unit. Example: A FlexoStretch accessory approved for 300 kg is equipped with the Quick-release Hook Universal lifting accessory, which is approved for 300 kg, and is fitted into a lift via a Q-link quick fastener approved for up to 250 kg. In this case, a maximum load of 250 kg applies to the entire lift unit.

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

## Recommended Lifting Accessories

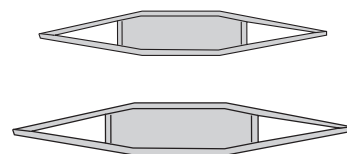
### LiftStrap XL, set

(set of 5 straps - 2 x Liftstrap XL80, 3 x LiftStrap XL100)

Max 400 kg/set

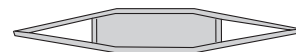
Prod. No. 3684100

If LiftStrap XL (set) is complemented with LiftStrap XL80 or LiftStrap XL100, a maximum load of 400 kg continues to apply for the entire combination.



### LiftStrap XL80

Prod. No. 3684101



### LiftStrap XL100

Prod. No. 3684102



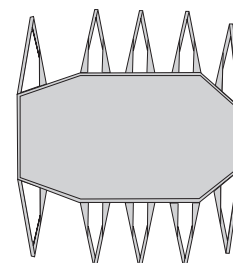
### LiftSheet™ XL

Regular (length 165 cm)

Prod. No. 3684105

Tall (length 185 cm)

Prod. No. 3684106

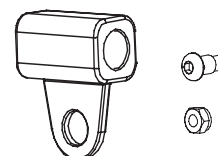


### Fixed kit 4

Fits FlexoStretch™ accessory in combination with LikoGuard™ L, XL overhead lift.

Prod. no. 3308860

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

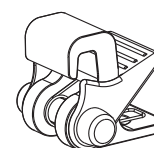


### Quick-release Hook Universal

Liko's Quick-release Hook Universal is part of a system that facilitates quick switching of lifting accessories on Liko's mobile and stationary lifts. See "Guide to Liko's Quick-release Hook System", which can be downloaded from our website at [www.liko.com](http://www.liko.com), or contact Hill-Rom for more information about the advantages and use of the Quick-release Hook system.

Max. 300 kg

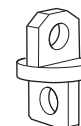
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### Adapter 12 mm

Max. 300 kg

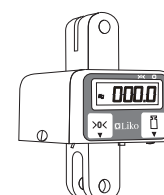
Prod. No. 2016504



### Scale

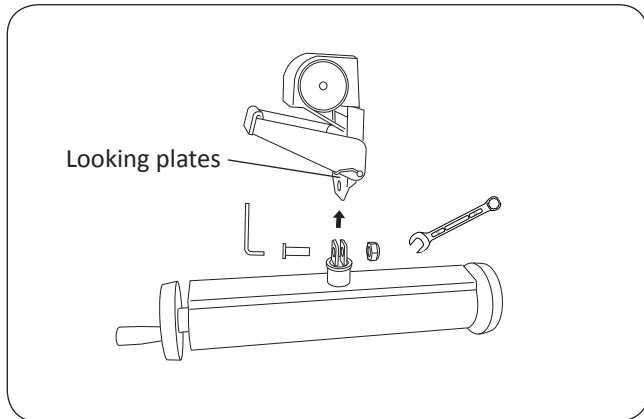
If you need to weigh a patient, we recommend LikoScale™ 350 accessory (adapter 2016504 is required). LikoScale 350 accessory is certified according to the European directive NAWI 90/384 (Non Automatic Weighing Instruments). Contact Hill-Rom for further information.

Prod. No. 3156228



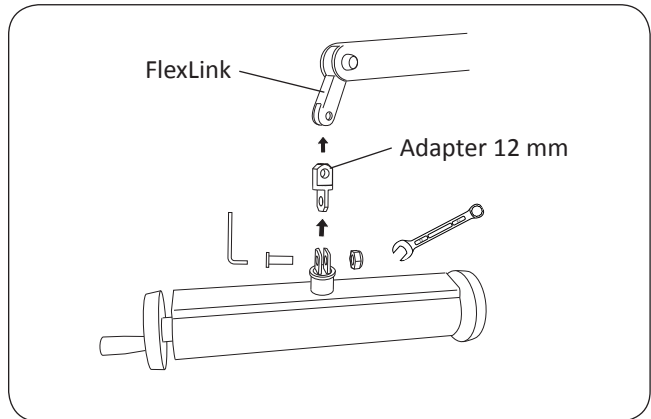
## Assembly

### Fixed assembly



#### Liko MasterLift, Likorall™ overhead lift (not R2R) and Golvo™ mobile lift

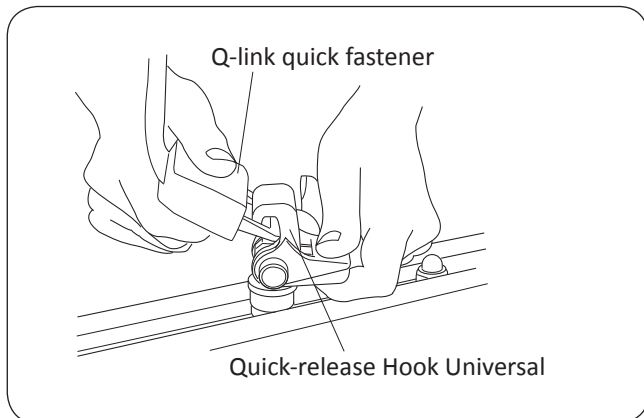
FlexoStretch accessory is assembled using M10x25 screws and nuts directly into the lift's looking plates. Recommended tools: 6 mm Allen wrench and 17 mm closed-end wrench.



#### Viking™ L mobile lift, Viking™ XL mobile lift

FlexoStretch accessory is assembled using M10x25 screws and nuts via the adapter 12 mm accessory (see p. 3). Recommended tools: 6 mm Allen wrench and 17 mm closed-end wrench.

### Assembly with Quick-release Hook



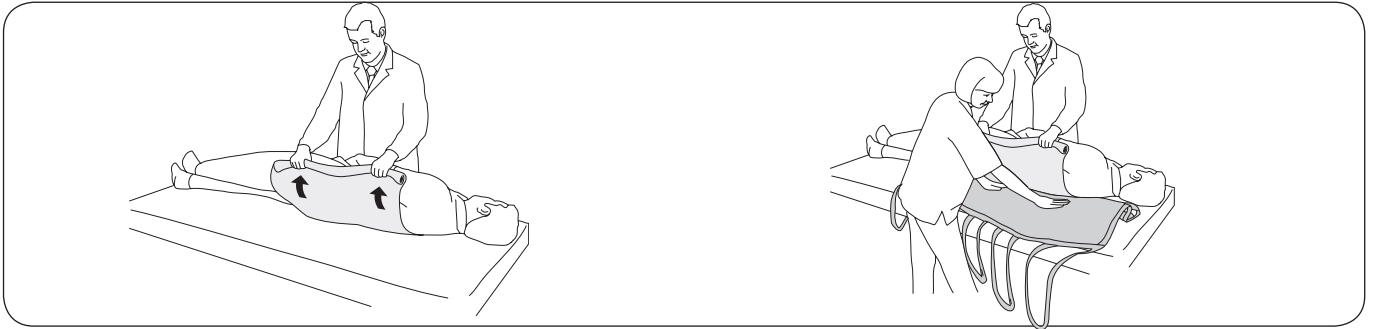
FlexoStretch accessory may be equipped with Quick-release Hook Universal (see p. 3) for simple and comfortable assembly into the lift without tools. The lift must be equipped with Q-link quick fastener in order to fit the Quick-release Hook Universal. Some lifts in Liko's product range (Multirall™ overhead lift, Likorall overhead lift R2R) include this as a standard feature, whereas other lifts intended for use with FlexoStretch accessory may be complemented with Q-link quick fastener as an additional option.

## Positioning of LiftSheet™

When performing a lift with a LiftSheet, it is naturally advantageous if the patient is mobile and is able to lie down on the LiftSheet independently. This is sometimes the case during operations. The operation tables are prepared and fitted with a LiftSheet under the operation sheets so that a totally immobile anesthetized patient can be lifted and moved after the operation. To place a LiftSheet under patients who are totally immobile, there are two alternatives: By turning the patient, or by using slide sheets.

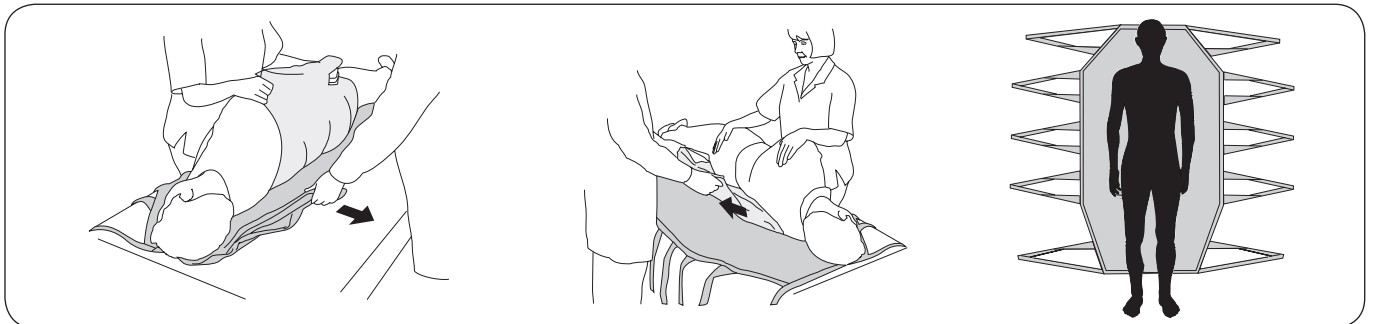
### Alt. 1) Positioning of LiftSheet by turning the patient

When positioning the LiftSheet, cooperation is required between two or more caregivers. Turning a patient on his/her side is heavy work that can be facilitated using aides such as a draw sheet.



Turn the patient to the side, e.g. by pulling the draw sheet toward you. **Δ** Make sure that the patient has enough room in the bed so that there is no risk that he/she will fall to the floor. The bed gate may have to be opened. Make sure that any castors on the bed, gurney, etc. are locked during the lifting/transferring operation.

Place the LiftSheet so that the product label is up toward the head end and down against the bed. Place the longitudinal side of the LiftSheet as far in under the patient as possible. Fold in more of the LiftSheet so that the patient is lying in the middle of the LiftSheet when the patient is laid on his/her back.



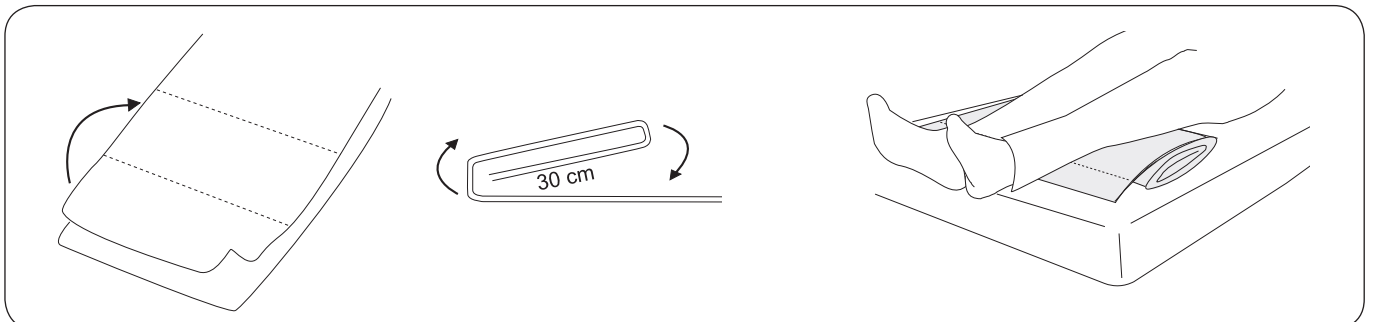
Turn the patient slightly to the other side so that the LiftSheet can be pulled out. Now the draw sheet is to be removed as well. Fold the draw sheet in under the patient before the patient is laid on his/her back.

Turn the patient carefully so that the draw sheet can be pulled away. Lay the patient on his/her back.

Make sure that the patient is on his/her back in the middle of the LiftSheet, and has head support.

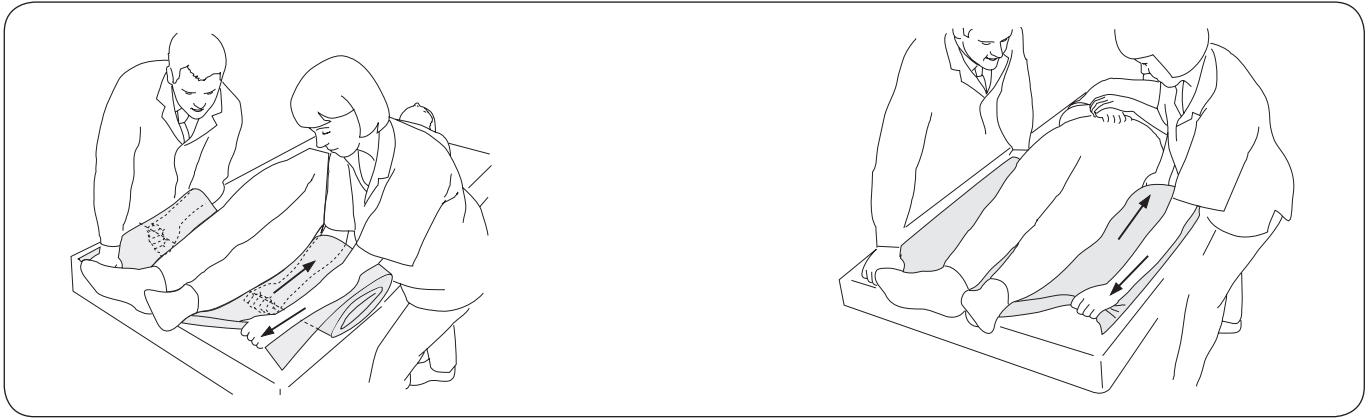
### Alt. 2) Positioning of LiftSheet with the help of slide sheets:

If the LiftSheet is to be placed under a patient who cannot be turned on his/her side, two slide sheets can be used. The patient lies on his/her back, and two parallel slide sheets are drawn into position under the patient; next the LiftSheet is pulled into position between the slide sheets. When positioning the LiftSheet using slide sheets, two or more caregivers will need to work together.



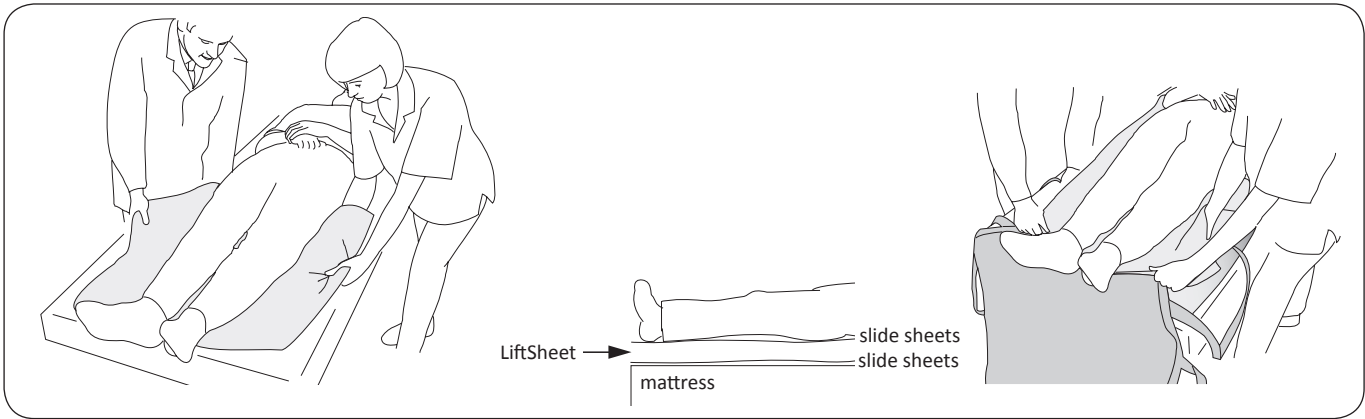
Place two slide sheets on one another. Fold them up approx. 30 cm from the lower edge. Repeat the procedure until the entire length has been folded up.

Place the folded slide sheets under the patient's feet and calves with the fold facing down towards the mattress.



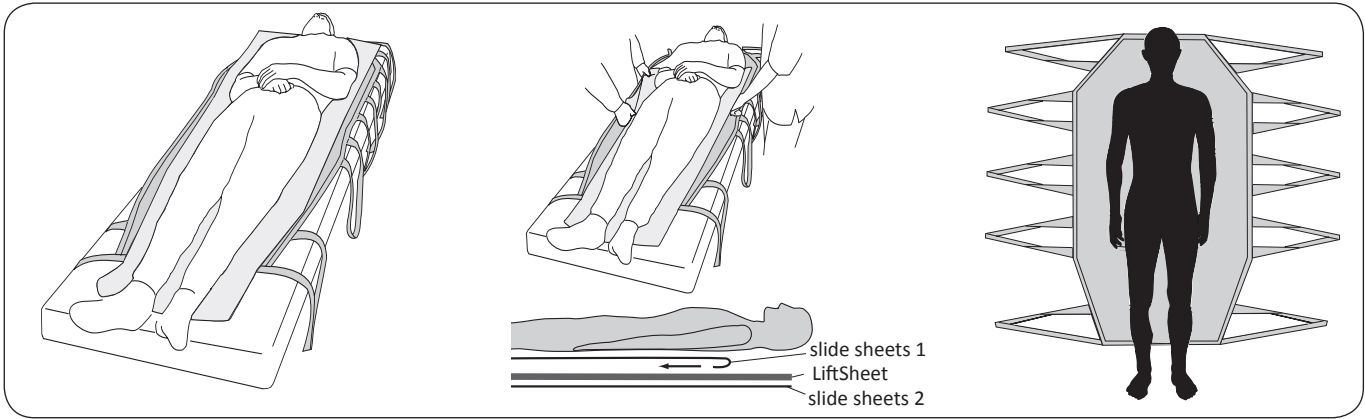
Using the arm closest to the patient, the caregivers seize hold of the fold in the fabric under the slide sheets. The second hand holds on to the slide sheets lower edge.

The Caregivers simultaneously pull the first fold out and up under the patient. The arms nearest the patient pull the fold up, while the arms facing away from the patient apply resistance downwards.



Now seize the next fold and repeat the procedure until the slide sheets is under the entire patient.

The LiftSheet's product label is placed at the head end and is turned down towards the bed. The LiftSheet is pulled into position between the slide sheets from the foot or head end.



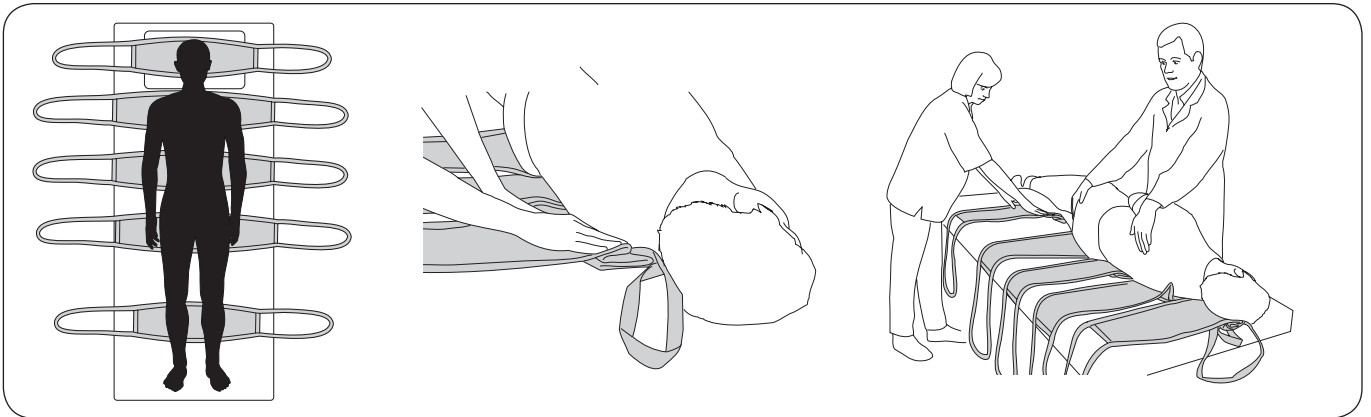
The LiftSheet™ is pulled into place under the patient. The upper edge is sufficiently high up to reach under the head.

Now remove the slide sheets closest to the patient (slide sheets 1). This is easiest to do starting at the head end and by pulling it "under itself."

Make sure that the patient is on his/her back in the middle of the LiftSheet, and has head support.

## Positioning of LiftStraps

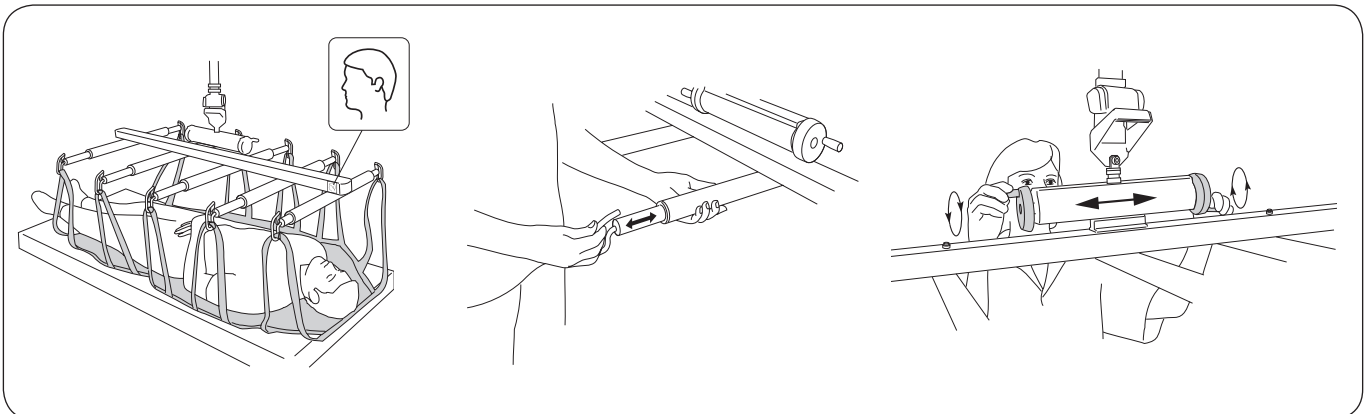
LiftStraps are normally positioned by turning the patient. For detailed instructions, see Positioning of LiftSheet™.




The LiftStraps are placed beneath the head, shoulders, back, buttocks and calves.

LiftStraps come in two lengths: 80 cm and 100 cm. Strap XL80 is used under the head and calves, and XL100 under the abdomen. The legs can be lifted together, or separately using independent LiftStraps. The latter requires that an extra LiftStrap XL80 be purchased, and can be useful during personal hygiene. The LiftStraps are removed either by turning the patient (see previous instruction) or by carefully pulling them out from underneath the patient.

## Lift using LiftSheet/LiftStraps



Remember that FlexoStretch has a head end and a foot end. See the symbol for the head end .

Guide FlexoStretch accessory over the patient and lower it until it is about 50 cm above the bed. Connect the straps to the stretcher. Adjust the stretcher's width (70 cm to 95 cm) by pulling the lift arms out to a suitable position.

**△ Make sure that all straps are properly connected to the stretcher, when the straps have been fully extended but before the patient is lifted from the underlying surface.**

While lifting, make sure that the patient is suspended in the desired position, i.e. horizontally, or, as is often the case, with the head somewhat elevated. If needed, the position can be adjusted by turning the dial on the Stretch Leveller.

# Care and Maintenance

## Care and inspection

For trouble-free use, certain details should be checked each day the stretcher is used:

- inspect the stretcher and lifting accessories to make sure that there is no external damage
- check the functionality of the safety latches.

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.**

## IMPORTANT!

Repairs and maintenance may only be carried out by authorized Hill-Rom service personnel using original Liko spare parts.

## Service Agreement

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

## 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.

## Recycling

For instructions about how to recycle the stretcher, please visit our website: [www.liko.com](http://www.liko.com).

## Made in Sweden

*Hill-Rom is quality certified according to ISO 9001 and its equivalence for the medical device industry, ISO 13485.  
Hill-Rom is also certified according to environmental standard ISO 14001.*

