

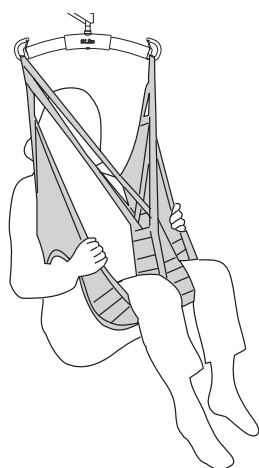
Liko™ HygieneSling, Mod. 40

Liko™ HygieneSling with Belt, Mod. 41

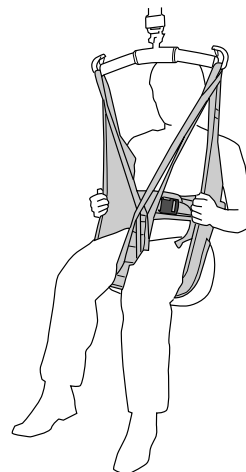
Teddy HygieneSling, Mod. 41



Instruction Guide



Mod. 40



Mod. 41

Product Description

The Liko HygieneSling is designed in order to assist with dressing and undressing when lifting to and from the toilet, these are lifting situations that are often difficult for caregivers. Thanks to the large opening around the buttocks, dressing and undressing can be performed during the lifting procedure itself. The HygieneSling is easy to apply even if the patient is placed tightly in the wheelchair. The patient's arms should always be on the outside of the HygieneSling to ensure safety.

The HygieneSling usually works well for patients with long trousers and for patients wearing skirts and leggings.

It is necessary to have good body stability to sit well in the HygieneSling. It is often quite suitable for patients with a certain body stiffness. Mod. 41 differs from Mod. 40 in that it is equipped with a belt. A correctly applied belt and the arms placed outside the sling, protects the patient from sliding out of the sling.

All sizes are manufactured in single-tone green polyester with reinforced, corduroy-lined leg support. Size XS also comes in a softly warp-knitted polyester fabric with a teddy bear pattern, and is therefore called Teddy HygieneSling, Mod. 41.

For people with compromised balance, or where the user needs one arm placed on the inside of the sling, it is recommended to use Liko HygieneSling with Safety belt Mod. 45 or 46. These models have a safety belt that holds and lifts the patient by the upper body if he/she sinks too low during the lifting procedure.

Alternative for patients with poor muscle tone

For lifts to/from the toilet for patients with poor muscle tone (and need more upper body support), it is recommended to use the Liko HygieneVest Mod. 50 or 55. Model 55 is equipped with built-in head support.

⚠ The patient's arms must be kept outside HygieneSling Mod. 40 and 41 during the lifting procedure in order to avoid the risk of sliding out of the sling.

Suitable lifts

The HygieneSling can be used along with all of Liko's overhead and mobile lifts. You can choose between the overhead lifts LikoGuard™, Likoall™, and Multirall™ or the mobile lifts Golvo™, Viking™, Uno™, and Liko™ M220/M230.

This instruction guide applies to Liko HygieneSling, Liko HygieneSling with Belt, and Teddy HygieneSling, yet in this text we usually simply refer to the product as HygieneSling. In this document, the person being lifted is referred to as the patient, and the person helping them is referred to as the caregiver.

Symbol description

⚠ is a warning triangle used for situations which require extra care and attention.

📖 reference to read instruction guide for detailed information.

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Safety Instructions

Before lifting, keep the following points in mind:

- A responsible person within your organization should decide on a case-by-case basis whether one or more caregivers are needed.
- Ensure that the sling selected meets the patient's needs with reference to model, size, fabric and design.
- The total maximum load for a lift system is always determined by the product in the system with the lowest specified maximum load.
- For safety and hygiene reasons, use individual slings.
- Plan the lifting operation so that it can be done as safely and smoothly as possible.
- Check that the lifting accessory hangs vertically and can move freely.
- Although the Liko sling bars are equipped with latches, special caution must be exercised: before the patient is lifted from the underlying surface, but when the straps are fully extended, make sure the straps are correctly connected to the sling bar hooks.
- Make sure the patient is sitting securely in the sling before transferring to another location.
- Never lift a patient higher off the underlying surface than is needed to complete the lifting and transfer procedure.
- Never leave a patient unattended during a lifting situation.
- Make sure that the wheels on the wheelchair, bed, gurney, etc., are locked during the lifting/transfer operation.
- Always work ergonomically. Use the patient's ability to actively participate in the operations.
- When the sling is not being used, do not place in direct sun light.

Medical Device Class I Product

Liko HygieneSling complies with the harmonized standard ISO10535:2006.

The management system for both manufacturing and development of the product is certified in accordance with ISO9001 and its equivalent for the medical device industry, ISO13485. The management system is also certified in accordance with the environmental standard ISO14001.

PATENT www.hill-rom.com/patents

May be covered by one or more patents. See above Internet address.

The Hill-Rom companies are the proprietors of European, US, and other patents and pending patent applications.

Design and Quality by Liko in Sweden

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.

IMPORTANT!

Lifting and transferring a patient always involves a certain risk. Read the instruction guide for both the lift and lifting accessories before use. It is important to completely understand the contents of the instruction guide. The equipment should be used only by trained personnel. Ensure that the lifting accessories are suitable for the lift being 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 handle the lifting situation. Instruction guides can be downloaded, free of charge, at www.liko.com.

Care and Maintenance

Check the sling before each use. Check the following points with regard to wear and damage:

- Fabric
- Straps
- Seams
- Suspension loops
- Buckle

⚠ Do not use damaged lifting accessories.

If anything is unclear, please contact the manufacturer or supplier.

Washing Instructions: Please see the sling's product label and the attached appendix "Care and Maintenance of Liko Slings".

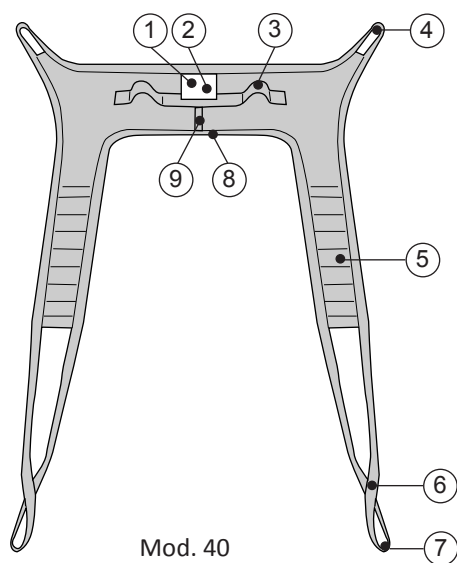
Expected Life Time

The product has an expected life time of 1-5 years during normal use. Expected life time varies depending on the fabric, use frequency, washing procedure, and weight carried.

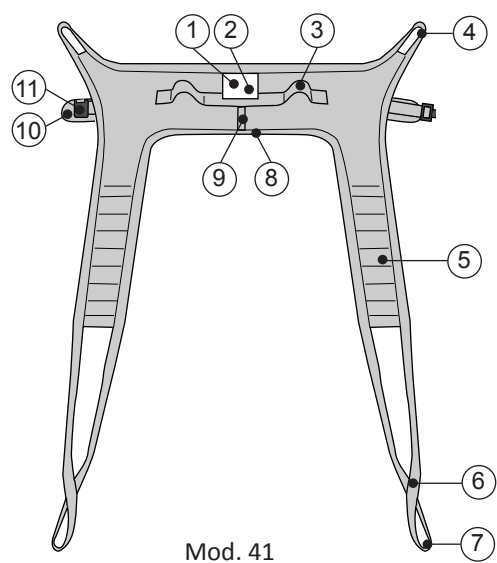
Periodic Inspection

The product must be inspected at least once every 6 months. More frequent inspections might be required if the product is used or washed more often than normal. See Liko's protocol for Periodic Inspection for the respective product.

Definitions



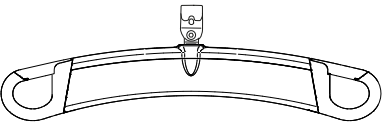
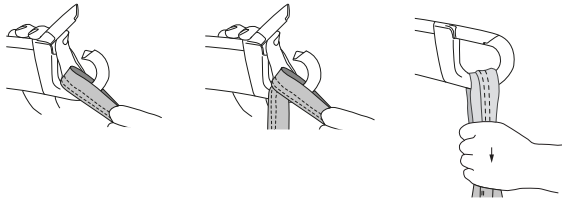
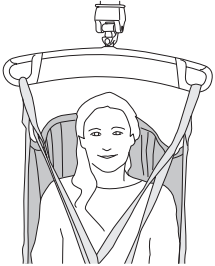
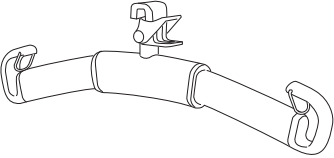
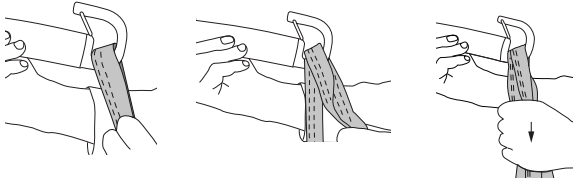

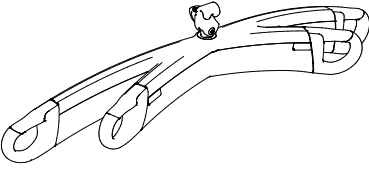
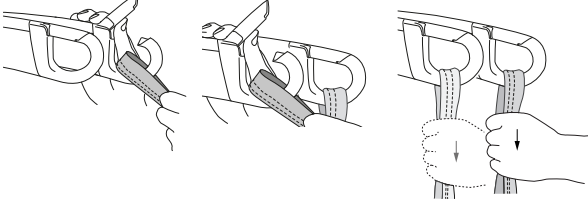
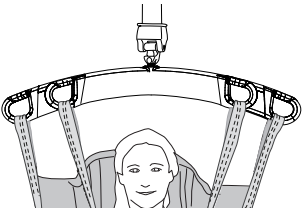
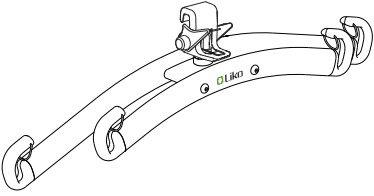
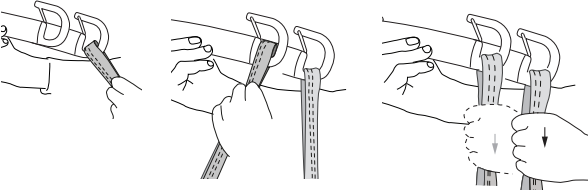
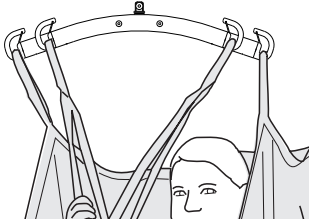
Mod. 40



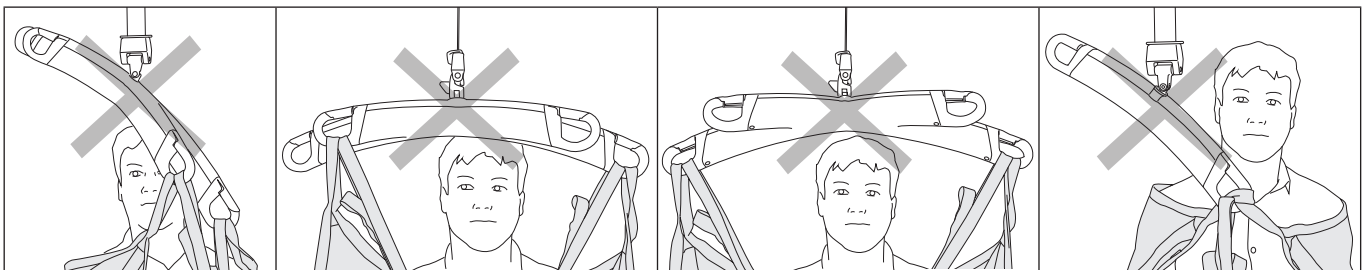
Mod. 41

1. Product label
2. Serial number
3. Handle
4. Upper strap loop
5. Leg support
6. Abbreviated position
7. Outer leg support loop
8. Lower edge
9. Size marking
10. Belt
11. Buckle (*Tested of strength up to 200 kg (440 lbs.) by the supplier of the buckle*)

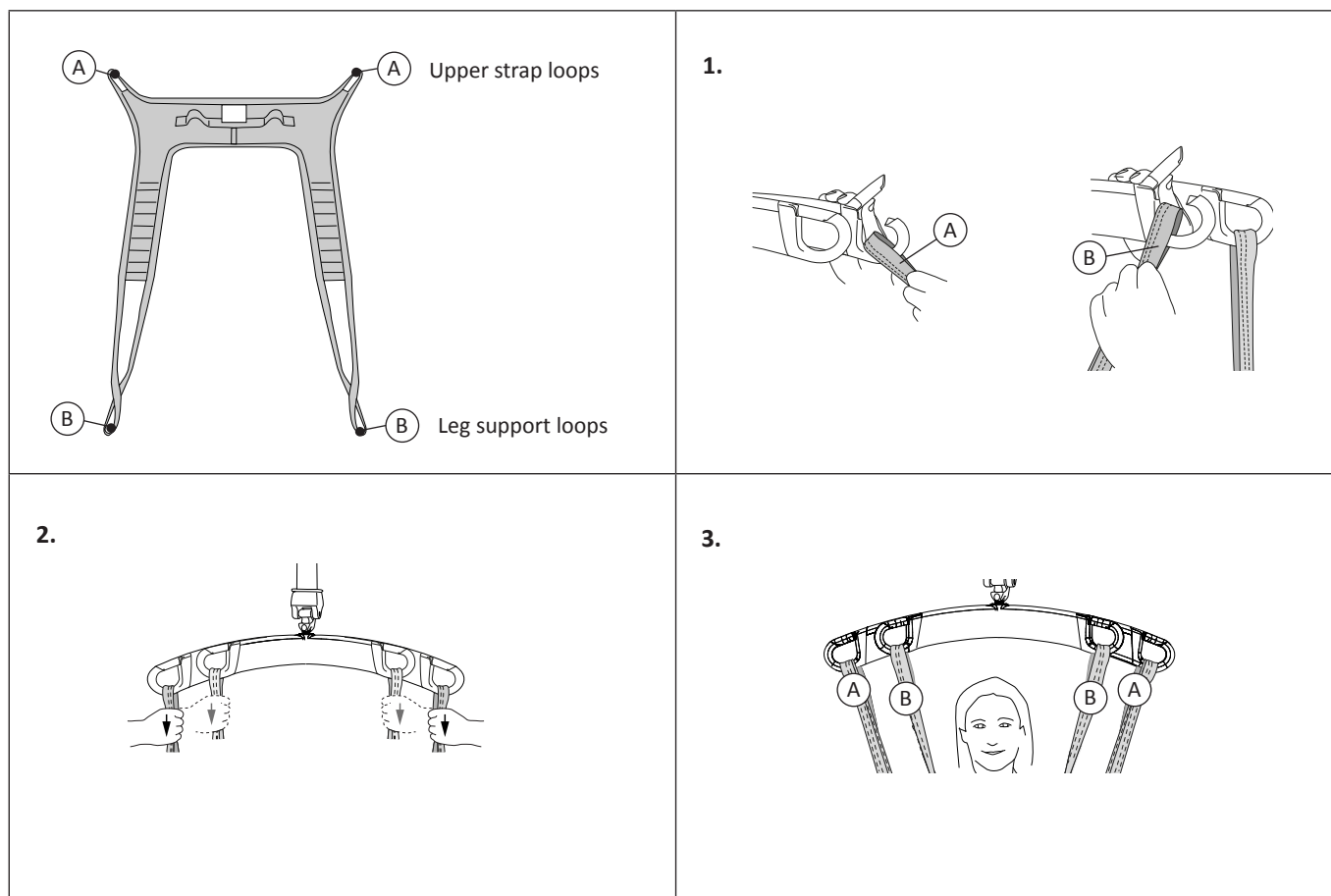
How to Attach a Sling to Different Sling Bars

Sling bar	Sling loops to sling bar hooks	Correct
 <p>SlingGuard™</p>		
 <p>Universal</p>		
 <p>SlingGuard™ Twin</p>		
 <p>Universal Twin</p>		

Wrong!

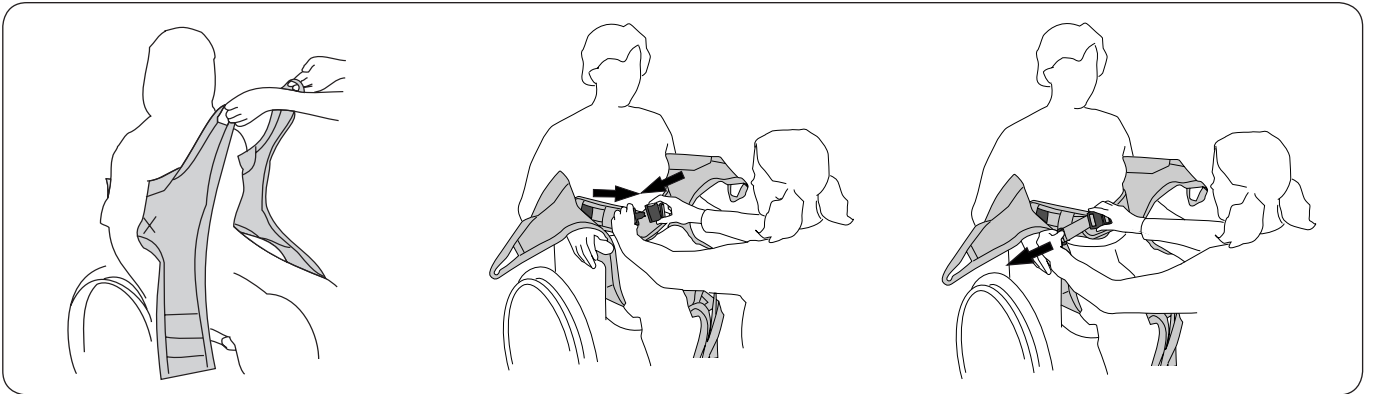


How to Attach a HygieneSling to a Sling Bar with 4 Hooks (Twin Bars)



Lifting from Wheelchair to Toilet

The description that follows applies to both models (40 and 41). Prepare for the undressing sequence e.g. by unbuttoning buttons and loosening drawstrings.



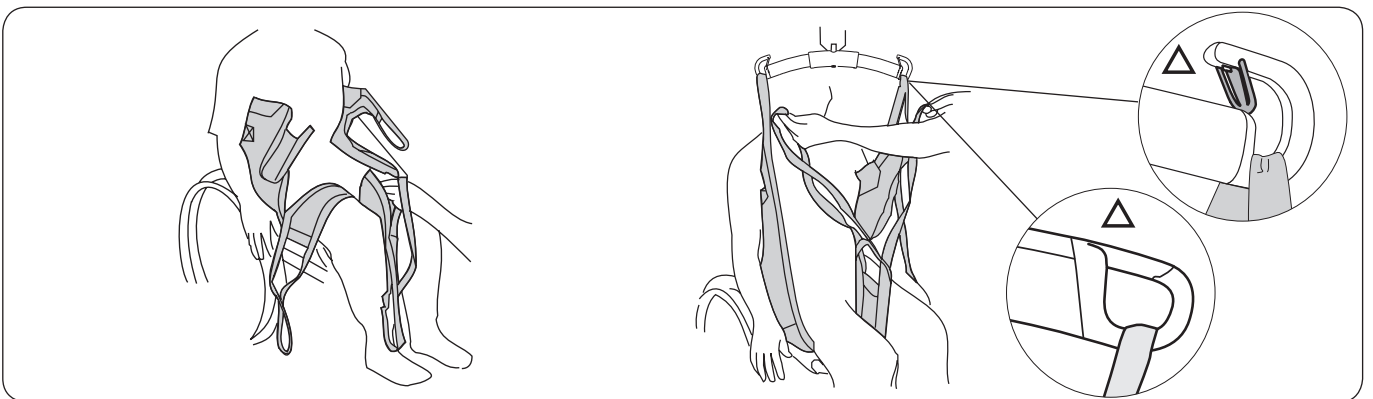
Place the HygieneSling with its product label at the center of the patient's back. The padded upper edge should be just under the armpits.

△ **Arms on the outside!**

Mod. 41: Buckle the belt.

Mod. 41: Adjust the belt so that it fits around the patient's upper body.

△ **Do not further tighten the belt once the patient has been lifted, since this can cause the patient to be strapped in too tightly once lowered.**



Place the leg supports under the patient's legs. Cross the leg supports by feeding one leg support loop through the other.

First connect the upper strap loops, then the leg support loops on the slingbar. See page 5-6 for instructions on how to attach the sling loops to different sling bars.



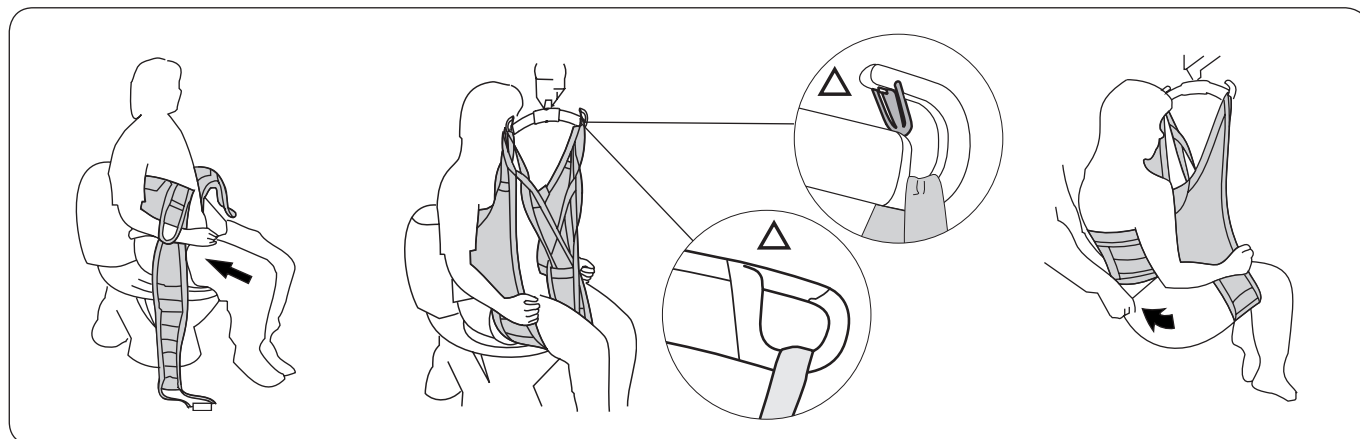
Lift the patient. Pull down the pants as far as possible.

Lower the patient onto the toilet. Fold away the leg supports and pull down the pants further for better accessibility.

Returning from Toilet to Wheelchair

Following are two descriptions of how to put the clothes back on after a concluded toilet visit. The option you choose depends on the clothing and the physical state of the patient.

Alternative 1: Leg supports outside the pants. This is suitable for inelastic pants.



Pull up the pants as far as possible.

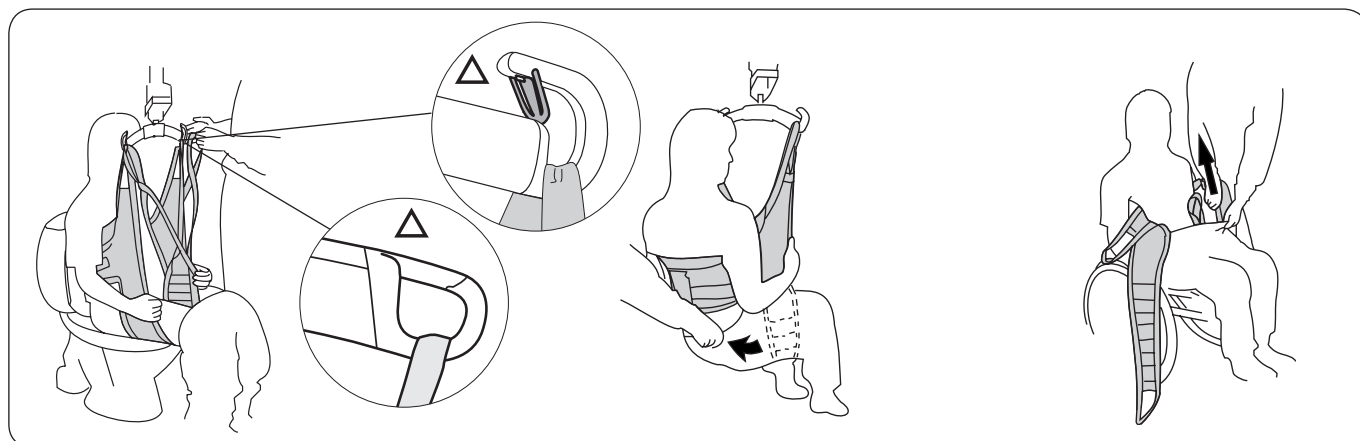
Place the leg supports under the legs but outside the pants.

△ Arms on the outside!

First connect the upper strap loops to the slingbar, then the leg support loops. See page 5-6 for instructions on how to attach the sling loops to different sling bars. Lift the patient.

If needed, place an incontinence pad inside the pants before they are pulled into place over the buttocks. Perform the transfer and lower the patient into the wheelchair.

Alternativ 2: Leg supports first – pants outside. This method is suitable for elastic pants.



Place the HygieneSling on the patient according to the instructions on page 5. First connect the upper strap loops to the slingbar, then the leg support loops. See page 5-6 for instructions on how to attach the sling loops to different sling bars. Lift the patient.

If needed, place an incontinence pad inside the crossed leg supports.

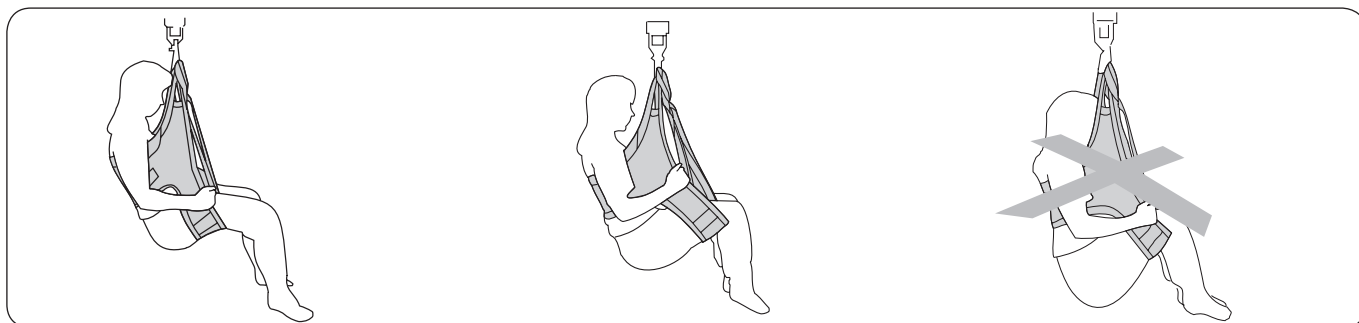
Pull the pants up around the buttocks and sling when the patient has been raised and is still sitting in the HygieneSling. Lower the patient into the wheelchair.

Carefully work the leg supports out of the pants and remove the HygieneSling.

Advice for Trial Fitting

△ The sitting position depends on where the leg supports are placed under the patient's legs. For someone with poor muscle tone, they should be placed high up toward the groin so that he/she does not sit too low in the sling.

Patients with poor muscle tone usually sit better in a smaller HygieneSling size. For users with high muscle tone, the opposite applies. They sit better in a larger HygieneSling, provided that the back support is placed high enough and the leg supports are close enough to the bends in the knees.



The leg supports should be placed as close to the groin as possible in most cases, especially on patients with very poor muscle tone. A smaller size can be advantageous in this case.

The leg supports can be placed closer to the bend in the knees for those with high muscle tone. This makes dressing and undressing easier and helps reduce spasticity. A larger size can be advantageous in this case.

A too low and uncomfortable seating position is due either to the leg supports being too close to the bend in the knees, or to the sling being too large. Try a smaller size.

Abbreviated position

In certain cases, it is advantageous to shorten the leg supports for the patient to sit well in the HygieneSling. The abbreviated position can be used temporarily in order to test for the right length, yet extended use may damage seams. If you want to shorten the leg supports for long term use, it is recommended that you tie a knot into the leg support loop to shorten it about 10 cm (3.9 inch.). Then it is the outer leg support loop that should be connected to the slingbar.

Alternative Slings for Lifting to and from the Toilet

In our wide selection of slings, there are many models that can be used for toilet-related lifting situations. Please visit www.liko.com for more information. Following is a sampling of possible alternative slings:

Liko HygieneSling with Safety Belt, Mod. 45
Liko Hygiene Safety Sling, Mod. 46
Liko HygieneVest, Mod. 50
Liko HygieneVest High Back, Mod. 55
Liko Original Sling, Mod. 10/11
Liko Comfort Sling Plus with Hygiene Opening, Mod. 310
Liko Comfort Sling Plus High with Hygiene Opening, Mod. 360
Liko MasterVest, Mod. 60
Liko MasterVest with front closure, Mod. 64

Overview, Liko™ HygieneSling, Mod. 40, 41

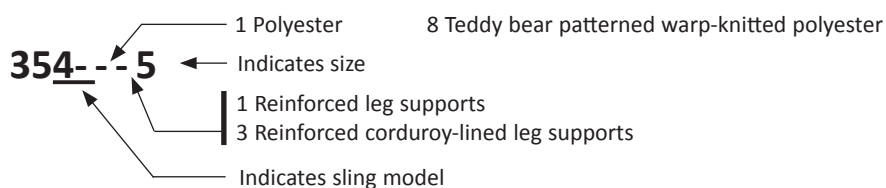
Name	Prod. No.	Prod. No.	Size	Patient's weight ¹	Maximum load ²
Teddy HygieneSling		3541813	XS Extra small	< 30 kg (< 66 lbs.)	200 kg (440 lbs.)
Liko HygieneSling		3541133	XS Extra small	< 30 kg (< 66 lbs.)	200 kg (440 lbs.)
Liko HygieneSling	3540134	3541134	S Small	25-50 kg (55-110 lbs.)	200 kg (440 lbs.)
Liko HygieneSling	3540135	3541135	M Medium	40-90 kg (88-198 lbs.)	200 kg (440 lbs.)
Liko HygieneSling	3540136	3541136	L Large	80-120 kg (176-265 lbs.)	200 kg (440 lbs.)
Liko HygieneSling		3541137	XL Extra large	100- kg (220- lbs.)	300 kg (660 lbs.)

¹ The indicated patient weight is a guideline only – there may be deviations.

² To maintain maximum load, lift/accessories intended for the same load or more are required.

A size that is too large leads to risk of slippage; a size that is too small can cut into the groin and cause discomfort. See additional information under Advice for trial fitting, page 9.

Description of product number



Recommended Combinations

Recommended combinations of Liko HygieneSling and Liko slingbars:

	Mini 220	Slim 350	Universal 350	Standard 450	Sling bars 450 ¹	Wide 670	Twin bars 670 ²
HygieneSling Mod. 41, XS	1	1	1	2	2	4	4
HygieneSling Mod. 40, 41, S	1	1	1	2	1	4	4
HygieneSling Mod. 40, 41, M	1	1	1	1	1	4	4
HygieneSling Mod. 40, 41, L	1	1	1	1	1	2	2
HygieneSling Mod. 40, 41, XL	2	1	1	1	1	2	2

Explanation:

- 1 = Recommended
- 2 = May work
- 3 = Not advised
- 4 = Inappropriate

¹ Sling bars 450 relates to Universal SlingBar 450 Prod. No. 3156075, 3156085, and 3156095, and also SlingGuard 450 Prod. No. 3308020 and 3308520.

² Twin bars 670 relates to Universal TwinBar 670 Prod. No 3156077, and 3156087, and also SlingGuard 670 Twin Prod. No. 3308040 and 3308540.

Combinations of Liko HygieneSling and Cross-bar, Cross-bar 450/670 or Side bars are inappropriate.

Other Combinations

Combinations of accessories/products other than those recommended by Liko can result in risks for the safety of the patient.



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