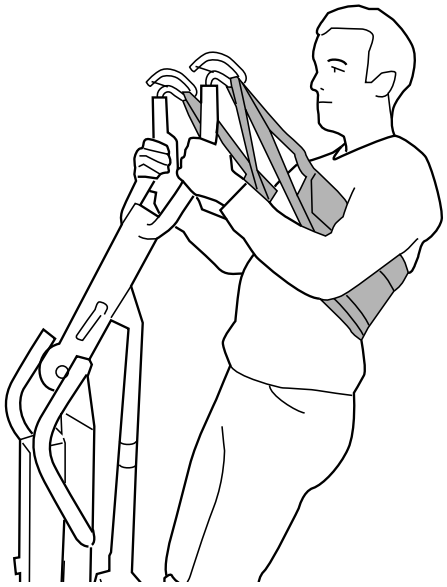
Solo SupportVest™, Mod. 911

Liko

Instructions for Use



Product Description

The Solo SupportVest is used in combination with the Sabina™ sit-to-stand lift to assist lifting of patients from a seated to a standing position. The Solo SupportVest lifts behind the back and under the arms. It is suitable for patients who have to be helped to a standing position but are able to stand steadily on their own once they are up.

The Solo SupportVest is intended for use in combination with the Sabina sit-to-stand lift and a 350 Slingbar (slim).

Together, the Solo SupportVest and Sabina sit-to-stand lift form a functional unit. For complete information and best results, read the instructions for use for both products.

The Solo SupportVest is intended for short-term use by a single patient. It cannot be washed. Instead, it should be disposed of when soiled or when no longer needed by the patient. Liko's product range includes several models of washable vests for long-term use that can be used together with the Sabina sit-to-stand 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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Enhancing outcomes for patients and their caregivers.
Hill-Rom

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
	CE mark
	Legal manufacturer
	Date of manufacturing
	Product Identifier
	Serial Number
	Medical device
	Do not wash
	Latex Free
	Do not use Product (Only Solo products and visible after wash when use is prohibited).
	Direction upwards and symbol on outside of product
	Symbol on outside of product.
	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:**

- The need for one or more caregivers must be determined from case to case.
- Plan the lift carefully to ensure that it is performed as safely and conveniently as possible.
- Make sure the wheels on the wheelchair, bed, gurney, etc. are locked during the lifting/transfer operation.
- Although Liko's slingbars are equipped with safety latches, particular care should be taken. Before the patient is lifted from the underlying surface, but after the straps have been fully extended, make sure the straps are properly hooked to the slingbar.
- The height to which the patient is to be lifted must be individually determined beforehand.
- Never leave a patient unattended during a lifting situation!

CE Medical Device Class I Product

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 equivalence 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.

Care and Inspection

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

- Fabric
- Straps
- Seams

⚠ **Do not use damaged lifting accessories.**
If anything is unclear, please contact the manufacturer or supplier.

DO NOT WASH. The Warning label situated on the back of the sling displays the DO NOT WASH symbol.

If the sling is washed this label disintegrates to display the DO NOT USE symbol. The sling must then be disposed of.

Expected Life Time

⚠ The Solo SupportVest is a disposable item that is intended for individual use only. When the correct size has been determined for a particular patient write the patient's name on the product label on the back section of the vest.
The Solo SupportVest should no longer be used:

- if it is soiled or if it is suspected of being contaminated
- if it is damaged
- when the patient no longer requires it.

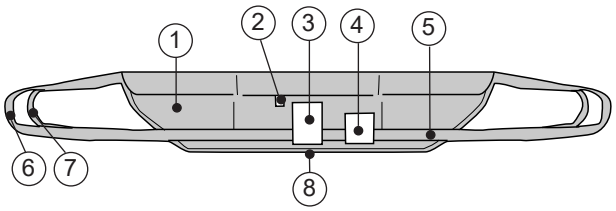
Recycling Instructions

The entire product, including laths, padding material, etc. should be sorted as Combustible waste.

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.

Definitions



1. Vest
2. Year/month of production
3. Product label
4. Warning label: Do not wash.
5. Coloured strap (indicates size)
6. Outer strap loop
7. Inner strap loop
8. Lower edge

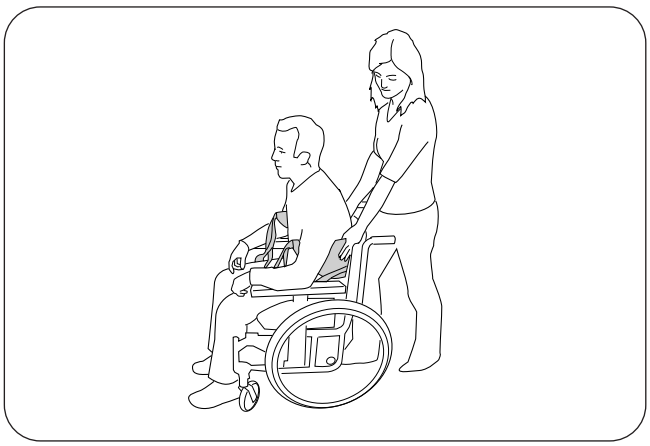
Description of strap loop function

The Solo SupportVest is equipped with two strap loops: outer and inner strap loops, for optimal flexibility of use. We generally recommend that the inner strap loops be hooked to the slingbar in order to achieve a maximum upright standing position and to enable the patient to reach and grasp the slingbar and thereby participate actively in the lifting operation.

The outer strap loops are used when the patient's girth requires more space or when the patient is short in relation to the height of the Sabina™ lift's lifting hooks.

In cases where the inner strap loops are used, we recommend that the outer strap loops also be connected to the lifting hooks. This enables better visual control of the strap loops.

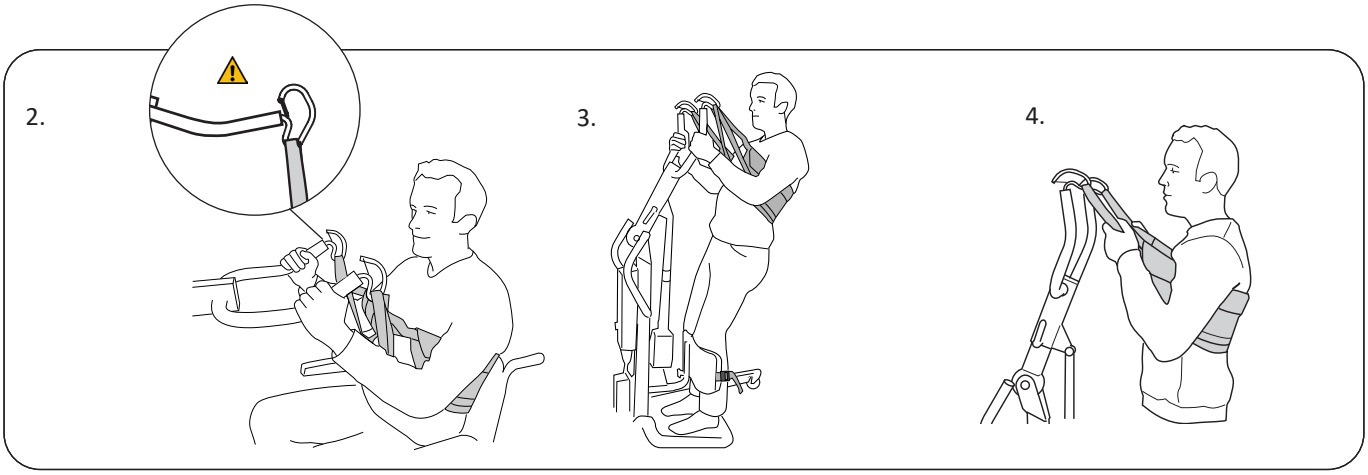
Using the Solo SupportVest in combination with the Sabina sit-to-stand lift



1. Guide the vest down behind the patient's back, with the product label facing out. The vest's lower edge should be at waist level.

⚠ The patient's arms must **always** be held outside the vest to prevent the vest from slipping up.

Decide which strap loops are most appropriate; see above "Description of strap loop function".



2. Roll the Sabina™ lift towards the patient. Adjust the base width so that the lift comes close enough to the patient. The patient's feet are to be placed on the centre of the footrest. Adjust the depth of the lower leg support so that the patient's shins are parallel with the support. Adjust the height of the support so that the upper edge is just beneath the kneecaps. Fasten and tighten the calf strap.

Now, it is time to connect the selected and previously tested strap loops to the hooks on the slingbar.

Helpful hint: Note that it is easier for the patient to rise from a seated to a standing position if he or she is sitting relatively upright; i.e., the hip joints are at the same level as, or preferably higher than, the knee joints.

3. Raising. Operate the lifting motion via the up and down buttons on the handcontrol. There are two speeds. The patient should be encouraged, if possible, to grasp the slingbar.

⚠ **Before the patient is lifted from the underlying surface, but when the vest's straps are properly extended, it is important to ensure that the straps are correctly attached to the slingbar.**

We recommend that the patient leans his or her upper body somewhat backward. This compensates for weak lower-body extensor musculature. This makes the sit-to-stand operation easier, improves comfort and prevents the vest from sliding up. The height to which the patient is to be raised should be determined beforehand from case to case.

4. **Helpful hint:** In the event that the vest slides up during raising, the patient can grasp the strap loops instead of grasping the slingbar. This will help to keep the vest in place and provide good back support during raising.

Trial fitting

Regulation of maximum raising height

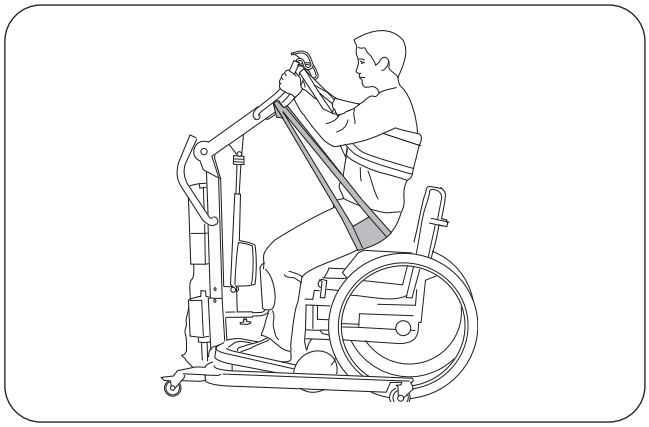
The maximum raising height is regulated as follows:

- Height adjustment of the mast on the base of the lift. See instructions for use for Sabina.
- Select inner or outer strap loops on the vest, see page 4 "Description of strap loop function".
- The size of the vest. A smaller sized vest makes a higher raising possible.

Alternative vests for raising

If the patient requires a waist belt for security during lifting, we recommend the use of a Liko™ SafetyVest or Liko™ Comfort-Vest.

Accessories



1. Sabina™ Seatstrap Prod. No. 3591115

In some cases, a Seatstrap can be used to assist raising. The Seatstrap should be pushed down as far as possible towards the coccyx, and it then helps to lift under the buttocks during raising. Once the patient is standing upright, load is relieved from the Seatstrap and it can be removed to one side, for example, during visits to the toilet.

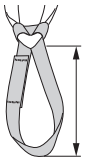
A special accessory is required for the Seatstrap: Seatstrap Slingbar. Before use, read the instructions for use for the Seatstrap carefully.

2. Seatstrap Slingbar Prod. No. 2027006

3. Sabina™ 350 Slingbar Prod. No. 2027002

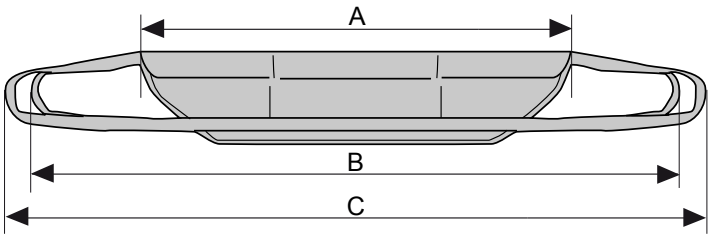
Accessories

Extension Loop, green, 12 cm (5 in)	Prod. No. 3691102
Extension Loop, green 22 cm (9 in)	Prod. No. 3691103
Extension Loop, grey, 12 cm (5 in)	Prod. No. 3691302
Extension Loop, grey, 22 cm (9 in)	Prod. No. 3691303



- 2 = 12 cm (5 in)
- 3 = 22 cm (9 in)

Overview Solo SupportVest™, Mod. 911



Description	Prod. No.	Size		Strap colour	Vest width: cm (inch)			Max. load: kg (lbs)
Solo SupportVest	35911915	M	Medium	Yellow	A: 90 (35.4)	B: 138 (54.3)	C: 148 (58.3)	200 (440)
Solo SupportVest	35911916	L	Large	Blue	A: 105 (41.3)	B: 153 (60.2)	C: 163 (64.2)	200 (440)

Material: Nonwoven Polypropylene.

Choosing the right size

The vest should reach fully around the back and under the arms for optimal comfort.
If the vest is too large, the patient may not be able to grasp the slingbar or rise to a fully upright standing position.

Recommended Combinations

The Solo SupportVest is only intended for use with Liko's Sabina™ sit-to-stand lifts. We recommend Sabina™ II 350 SlingBar.

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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