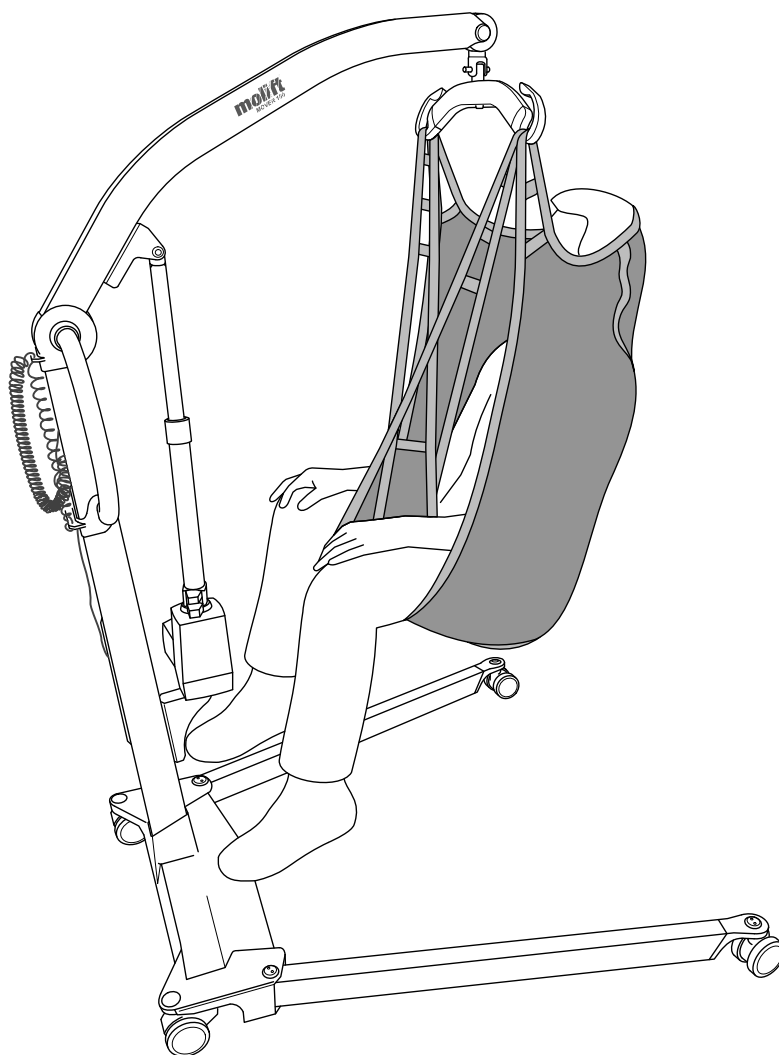


# Molift EvoSling HighBack

EN - User manual

**molift**<sup>®</sup>  
a part of Etac

BM28501 Rev. B 2015-03-25



CE


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## Important

This User Manual contains important safety instructions and information regarding the use of the sling and accessories.

In this manual the user is the person being lifted. The assistant is the person operating the hoist.



**Warning!**  
This symbol indicates important information related to safety. Follow these instructions carefully.



**Please read the User Manual before use!**  
It is important to fully understand the contents of the user manual before attempting to use the equipment. Read the manual for both the hoist and sling

## General

### Declaration of conformity



The Molift EvoSling HighBack and related accessories described in this operator manual are CE marked in accordance with EU Council Directive 93/42/EEC concerning medical devices, class 1, and has been tested and approved by a third party according to standard EN ISO 10535:2006.

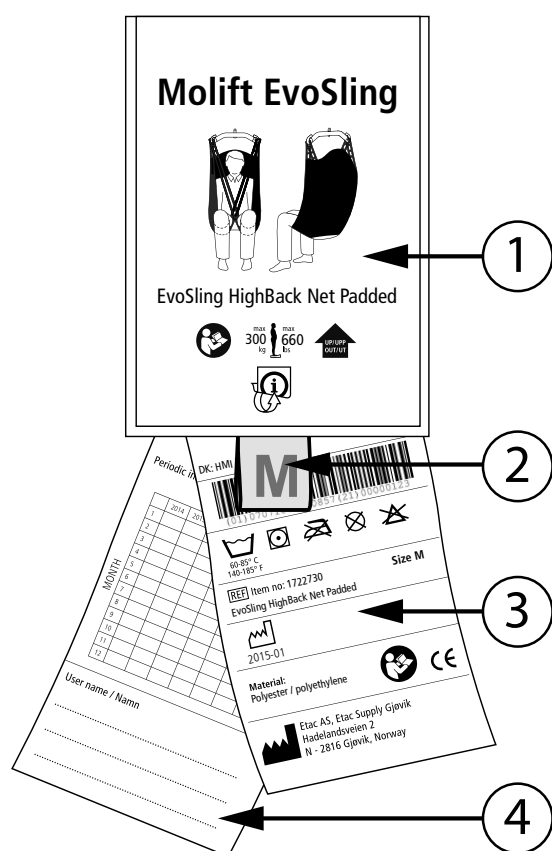
### Conditions for Use

Lifting and transferring a person will always pose a certain risk and only trained personnel should use the equipment and accessories covered by this user manual.

### Warranty

2-year warranty against defects in workmanship and materials of our products.  
For Terms and conditions, see [www.etac.com](http://www.etac.com)

## Label and symbols



### Symbols:



- Date of manufacture  
YYYY-MM (year/month)



- CE marked



- Refer to user manual



- More labels inside pocket, fold out for more information



- This way up, this side is outside



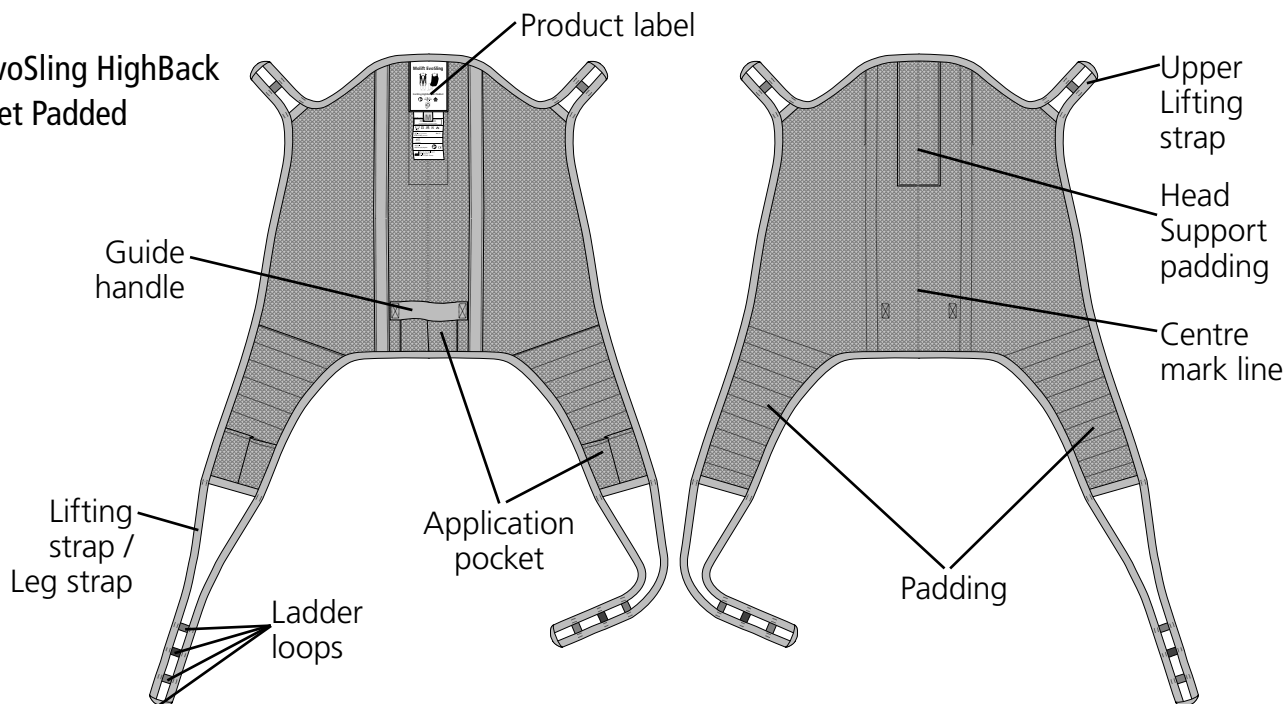
- Max user weight

Wash symbols - see "Maintenance" chapter.

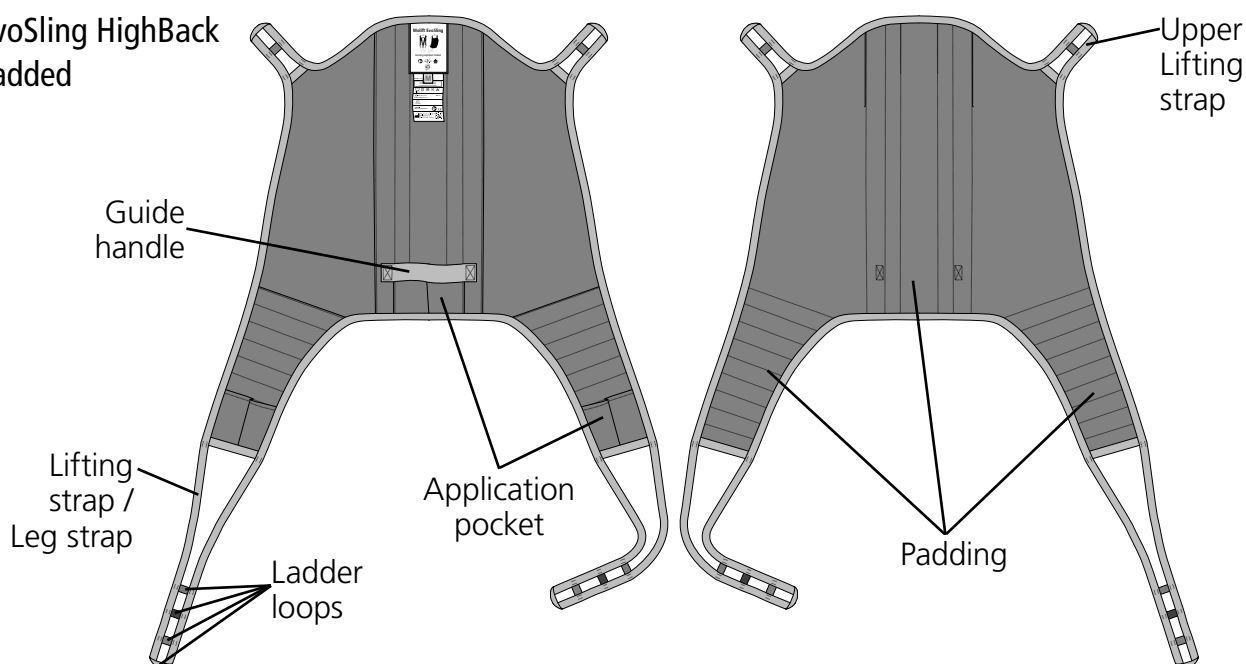
1. Main label
2. Size label
3. Product label with barcode that contains EAN number (01), and serial number (21)
4. Periodic inspection label / Name tag

## Molift EvoSling HighBack

### EvoSling HighBack Net Padded



### EvoSling HighBack Padded



### About Molift EvoSling HighBack

Etac supplies a wide selection of slings for different types of transfers. Molift EvoSling HighBack is suitable for users that require total support. The sling has a high back, head support and it supports the entire torso. It has split leg support with a medium opening. EvoSling HighBack is not suitable for double leg amputees

The slings can be used for lifting from a sitting or lying position to a sitting or lying position. Approved for users with weight up to 300kg.

Molift EvoSling HighBack is available in sizes XS – XXL, in padded polyester and Net polyester with padded leg supports. The net version sling has a centre mark line and both versions have the application pockets to facilitate application of the sling. The sling has a guide handle for positioning of the user when lifted.

Molift EvoSling is developed to be combined with a 2-point suspension but the sling also works with a 4-point suspension. See the combination list for the correct sling and suspension.

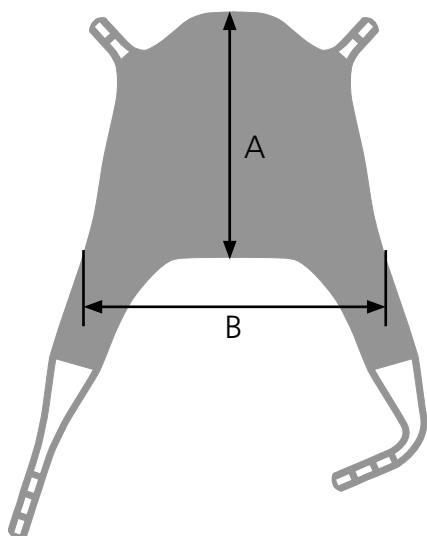
## Technical Data

### Safe Working Load (SWL)

XS-XXL: 300 kg (660 lbs)

### Material:

Polyester, Polyethylene

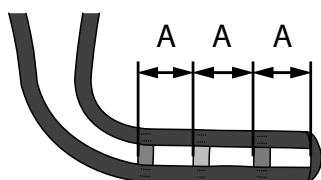


### Dimensions (cm):

Size	A	B
XS	70	72
S	80	88
M	93	104
L	100	110
XL	105	120
XXL	110	130

### Lifting Strap Ladder loops

The ladder loops on the lifting straps give different options for mounting sling to suspension. Use the ladder that makes the sling most comfortable for user.



The ladder loops on the lifting straps have different colours to help to ensure straps are fastened with equal length on the left and right side but not necessarily the same colour on the upper lifting strap as the leg strap.. Distance between each ladder loop (A) is 9cm.

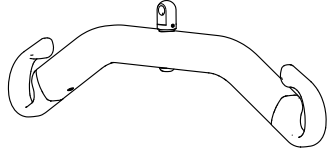
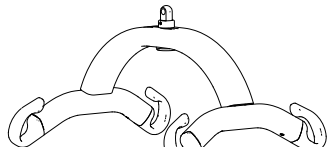
### Expected Lifetime:

The product has an expected service life of 1 to 5 years under normal use. The service life of the product varies depending on usage frequency, loads and how often it is washed.

### Combination list

Molift EvoSling HighBack is designed for use with 2-point suspension but also works with 4-point suspension.

✓	= Recommended
✗	= Not recommended

			
<b>2 Point Suspension</b>	XS-S	M-L	XL-XXL
Small 340mm	✓	✓	✗
Medium 440mm	✓	✓	✓
Large 540mm	✗	✓	✓
			
<b>4 Point Suspension</b>	XS-S	M-L	XL-XXL
Small 340mm	✓	✓	✗
Medium 440mm	✓	✓	✓
Large 540mm	✗	✓	✓
X-Large 640mm	✗	✗	✓

## How to use Molift EvoSling HighBack

### General Safety Precautions

Only use accessories and slings that are adjusted to fit the user, taking into consideration their disability, size, weight and transfer.



If maximum load (SWL) differs between hoist and sling, the lowest maximum load shall always be used

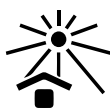
It is recommended that an individual risk assessment is carried out with the user prior to use. Make a decision on whether one or more assistants are required.

Plan the lifting operation in advance to ensure that it is as safe and smooth as possible. Remember to work ergonomically.

Assess the risks and take notes. You as the assistant are responsible for the safety of the user.



Molift slings should only be used to lift people. Never use the sling to lift or move objects of any kind.



The sling should not be stored in direct sunlight.

### Before use / Daily check



Before using the sling for first time it should be marked with the date of the first use on the periodic inspection label.

Inspection to be performed daily or before use:

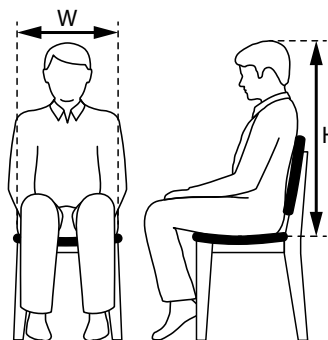
- Make sure user has the required ability for the sling
- Make sure the sling is suitable for the hoist/suspension to be used.
- Make sure sling does not have visible damage or frays.



Never use a faulty or damaged sling as it can break and cause personal injury. Destroy and discard damaged and old slings

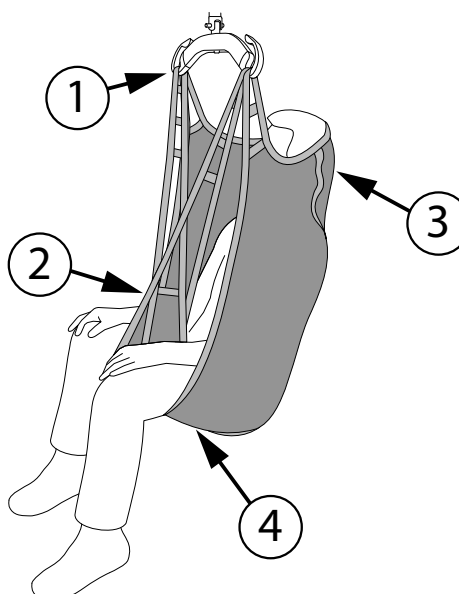
### Size guide

Measurements in table should be used as a reference. Correct size depends on the user's weight, function and body shape. Measure the waist size and back height on user in sitting position. Try the sling with most correct measurements to make sure it fits.



Size	User weight - kg (lbs)	Width (W) - cm	Height (H) - cm
XS	17-25 (37-55)	31-38	60-70
S	25-50 (55-110)	35-42	70-80
M	45-95 (99-210)	37-47	80-95
L	90-165 (198-353)	40-51	95-100
XL	160-240 (353-529)	45-57	100-105
XXL	230-300 (507-660)	50-64	100-120

### Sling checkpoints



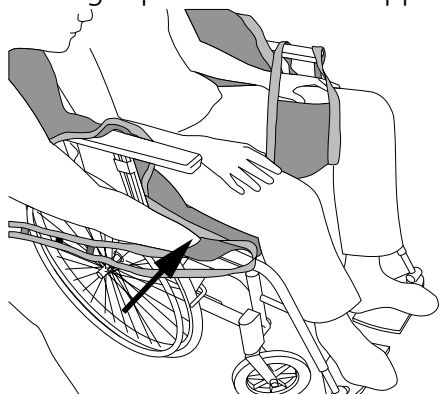
1. Suspension is not too close to the users head
2. Leg straps are crossed
3. Sling is placed to give sufficient head support
4. The leg supports are placed under users thigh without folds

## Sling application

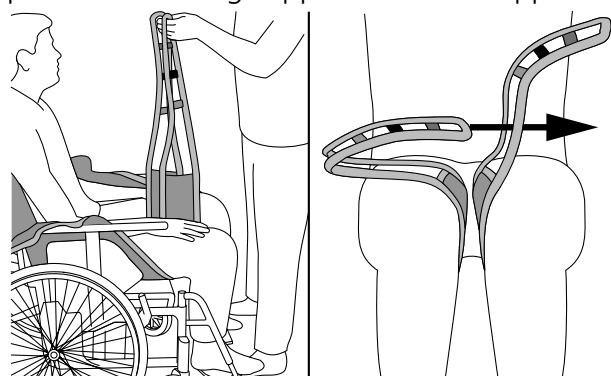
### Sitting position



1. Ask the user to lean forward, support him if necessary with one hand. Use the application pocket and slide the sling down behind the user's back until it reaches the seat. Make sure the top of sling is positioned so it supports the users head.



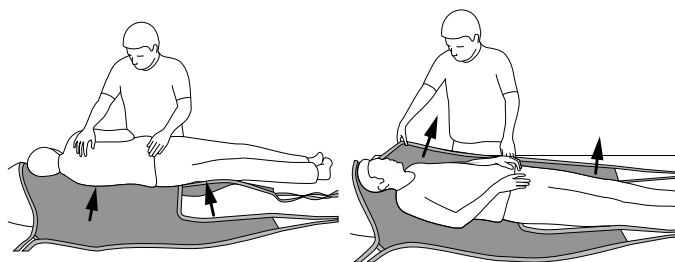
2. Pull the leg supports forward and position them under the user's thighs. Use the application pocket on the leg support for easier application.



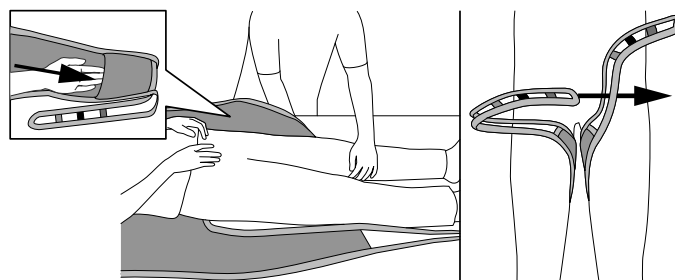
3. Make sure the lifting straps are the same length on both sides and that the sling is placed under the users thighs without any folds.

Cross the leg loops by pulling one of the loops through the other and connect all 4 lifting straps to suspension. Make sure the lifting straps are fastened with equal length on right and left side. Upper straps and legstraps can be mounted with different colour on ladder loop to make sure sling is comfortable and safe.

### Lying position

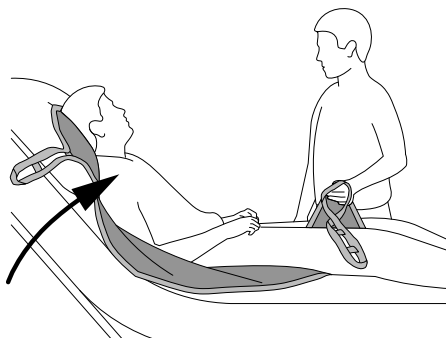


1. Turn the user towards you so that they are lying in a safe position on their side. Place the sling with the bottom edge in line with the users coccyx. Make sure the sling is placed in the centre on the users back, and that the top of the sling is positioned to support the users head. Fold the sling so it is possible to pull out the folded side after turning the user over on the other side.



2. Pull the leg supports forward and position them under the user's thighs. Use the application pocket on the leg support for easier application. Make sure the lifting straps are the same length on both sides and that the sling is placed under the users thighs without any folds.

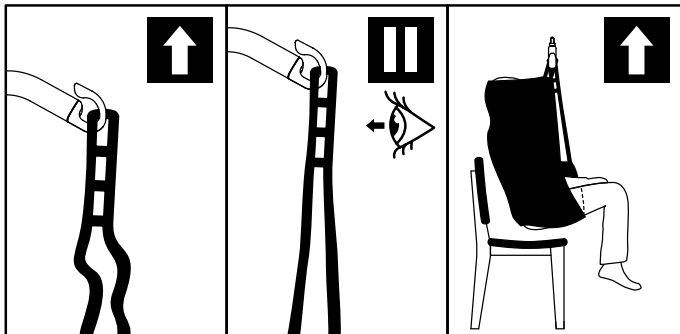
Cross the leg loops by pulling one of the loops through the other and connect all 4 lifting straps to suspension. Make sure the lifting straps are fastened with equal length on right and left side. Upper straps and legstraps can be mounted with different colour on ladder loop to make sure sling is comfortable and safe.



Raise the user into sitting position before lifting if possible.

## Transfer

When moving the user, stand to the side of the person you are lifting. Make sure that arms and legs do not obstruct the seat, bed, etc.



1. Check that the sling is correctly fitted around the user and that the strap loops are correctly fitted to the suspension hooks.
2. Start lifting until the lifting straps are stretched without lifting the user. Ensure that all four loops of the sling are securely fastened to avoid the user slipping or falling out of the sling.
3. Lift user, and perform transfer.



Never lift the user higher than necessary to carry out a lift. Remember that wheels on a mobile hoist must NOT be locked.



Never leave a user unattended in a lifting situation.

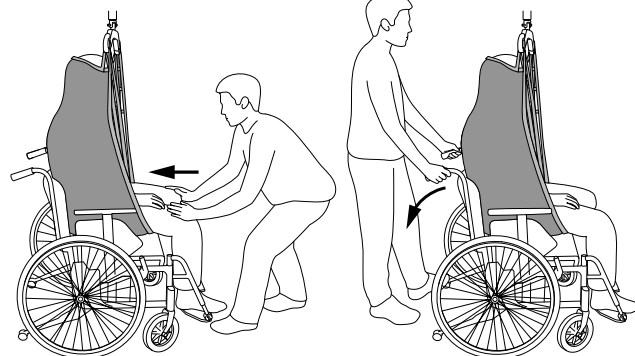
Be careful during movement, the user may swing during turns, stops and starts. Be careful when manoeuvring close to furniture to prevent the suspended user from colliding with these objects.



The hoist should not be used to lift or move users on sloping surfaces

Avoid deep pile carpets, high thresholds, uneven surfaces or other obstacles that may block the castors. The hoist may become unstable if forced over such obstacles increasing the risk of tipping over.

### Lowering into sitting



When transferring the user into a sitting position, the following techniques can be used for lowering the user as far back into the seat as possible:

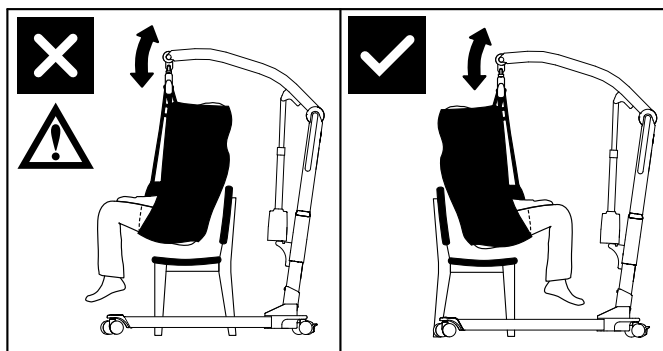
- A Push gently on the users knees to steer the user in towards the backrest of the chair.
- B Tilt the seat backwards.



Do not lift with the guide handles! Excessive force on the handles can cause the sling to tear.



User must be facing the hoist when lifting or lowering from or into a chair.

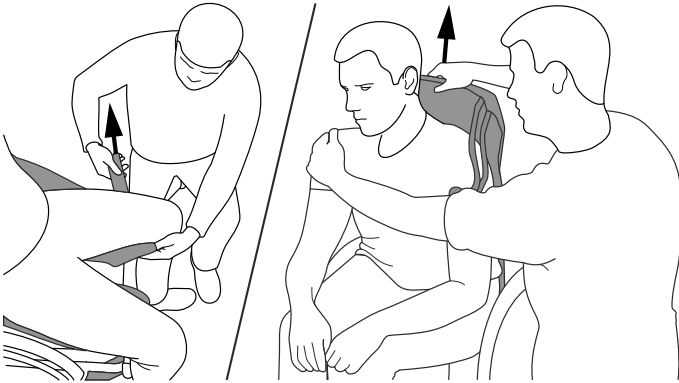




## Removing the sling

### Sitting position

Lower the user into sitting position.  
Release lifting straps from suspension.



Remove the leg support by folding the leg support under the sling itself and the users thigh and pull out

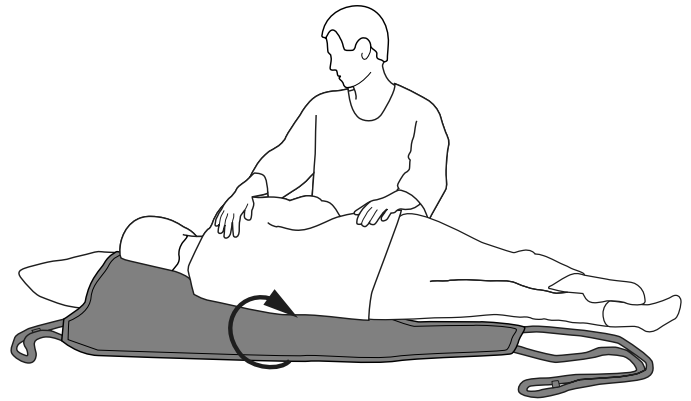
Stand next to the chair and ask the user to lean forward. Support the user with one hand if necessary. Pull the sling away with one hand, and ask the user to lean back in the chair.



**Remove the sling gently to ensure the users doesn't fall forward.**

### Lying position

Lower the user into lying position.  
Release lifting straps from suspension.



Turn the patient towards you so that the user is lying in a safe position on their side.

Fold the sling in the middle and position it behind the user's back.







Turn the user over on the opposite side and pull the sling away. Support the user with one hand if necessary.



**Remove the sling gently to ensure the users doesn't roll and fall off the bed.**


# Maintenance

Wash symbols:

- 
Slings can be washed at temperatures up to 85° C.
- 
- 
Tumble drying, max 45° C.
- 
Do not iron
- 
Do not dryclean
- 
Do not bleach

## Cleaning and disinfection

Washing and drying at higher temperatures wears out the material faster. The sling must be inspected regularly, preferably prior to each lifting operation but especially after it has been washed.



**Make sure not to damage or remove labels when cleaning.**


## Recycling

Refer to "Recycling instructions" for how to properly dispose of product. This can be found on [www.etac.com](http://www.etac.com).

# Periodic Inspection

## Periodic Inspection Scope

Periodic inspection is a visual examination of the sling according to Periodic Inspection Report for Etac/Molift Slings. This can be found on [www.etac.com](http://www.etac.com).



**If the inspection reveals any danger to safety, the sling must immediately be taken out of service and be disposed of.**

Periodic inspection must be carried out at least every 6 months. More regular inspection may be required if the sling is used or washed more often than is normal. The inspection must be performed by trained personnel.

When performing a periodic inspection, the inspector shall fill out the inspection report for Etac/Molift Slings. The reports should be retained by the person(s) responsible for inspecting the sling. If the inspection reveals defects and damages, the owner shall be notified.

When periodic inspection is completed the inspector shall mark periodic label showing the date when periodic inspection is performed.

The periodic inspection label can be found behind the product label, and this will then indicate when

the next service should be performed (within 6 months from last inspection).

Periodic inspection performed

		YEAR									
		2014	2015	2016	2017	2018	2019	2020	2021		
MONTH	1										
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9										
	10										
	11										
	12										

User name / Namn

.....

.....

.....

When the sling is used for the first time, the periodic inspection label should be marked with month and year. That way it is easier to know when first periodic inspection should be performed.

## Troubleshooting

Symptom	Possible Cause/Action
The sling does not fit the user.	Wrong sling size. Try other size.
	The sling is too small when the leg supports do not reach halfway around the inner thigh and the suspension is too close to the user's face. Try other size.
	The sling is too small when top of sling doesn't support the users head and the suspension is too close to the user's face. Try other size.
	The sling is not correctly positioned. Pull the sling further down at the back when fitting it.
All the straps do not lift at the same time.	If the sling straps lift unevenly, it means that the sling can slide up at the back which can lead to the user sliding down in the opening of the sling. Make sure that the leg supports are positioned correctly on the thighs.
User is sliding through/out of the sling.	The sling is not connected correctly according to individual prescription.
	The user is wearing to slippery clothes. Change or remove some of the clothing

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