

# ProSling™

## PATIENT LIFTING SLINGS FOR PIVOT FRAME LIFTERS

### User Guide



**General Purpose  
with Head Support**



**Hygiene**



warranty



205 kg<sup>S,M</sup>/300 kg<sup>L,XL,XXL</sup>



lifter

## overview

### Slings specifically designed for attachment to a patient lifter using a pivot frame.

ProSling Pivot Frame slings are designed to lift patients from seated or reclined positions. With two models designed for general patient transfers or toileting and hygiene care, these slings are manufactured from the highest quality material and are contoured for patient fit and security.

The General Purpose with Head Support model suits patients with limited upper body strength or less controlled body movements – the built in head support offering a greater sense of security and comfort during transfer. The Hygiene model is designed to facilitate toilet transfers.

Manufactured from a re-usable, long wearing polyester mesh designed to maximise air circulation. The mesh fabric allows water to pass efficiently through the sling, making these products suitable for washing and bathing.

The single attachment pivot clips and buckles are designed for safe and easy attachment to a pivot frame (4 point positioning cradle), to suit the majority of pivot lifter products on the market. Some lift manufacturers make claims that only their brand of sling should be used on their lifter. There is no Australian Government or TGA directive to support these claims.

## important notice

Before using the sling, it is important to read this user guide and understand the operating instructions and safety precautions. Failure to do so could result in patient injury and/or damage to the product.

The ProSling range has been tested and complies with requirements of ISO 10535:2006.

If you have any questions, please contact Novis Healthcare on 1300 738 885

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## definitions of symbols used

 Important information

 Warning

 Do not...

## glossary

Pivot clip release strap  
colour-coded by size

Upper body pivot clips

Care label  
with size and identification

Body section

Positioning handles

Padded leg section

Leg section pivot clips

Pivot clip release strap  
colour-coded by size



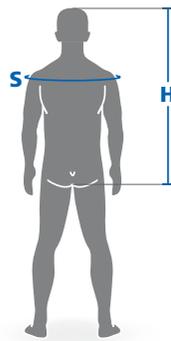
## safety precautions

- ❌ DO NOT lift a patient unless you are trained and competent to do so. Ensure that all users read this guide, and any relevant lifter instructions, before fitting a sling or operating a patient lifter.
- ❌ DO NOT use a pivot sling on a yoke frame lifter – clip failure and patient injury could result.
- ⓘ Patient lifters and slings should only be used under the supervision of a qualified healthcare professional. As a carer, you are responsible for the patient's safety. You must be well informed of the patient's condition and ability to manage the lifting situation.
- ⓘ Ensure clips are properly fastened into the holding position on each pin before lifting the patient.
- ⓘ Hygiene pivot slings can only be used in the upright position. Hygiene slings should only be used if the patient has sufficient trunk and upper limb control to maintain balance.
- ⓘ Never leave a patient unattended in a lifting situation.
- ⓘ Lifting and transferring a patient always involves a degree of risk. Ensure all users are trained and familiar with the user guides for slings, lifter systems and any related accessories. A complete understanding of the contents of the user guides is essential.
- ⓘ ALWAYS ensure the correct sling is used to match the patient's weight and suits the patient's needs with regard to model, size, fabric and design. Do not exceed the weight capacity of the sling or lifter.
- ⓘ ALWAYS ensure the sling is appropriate for the lifter and the lifting situation. Exercise caution and care when using lift equipment and accessories.
- ⓘ Never lift a patient higher off the underlying surface than is needed to complete the lifting and transfer procedure.
- ⚠️ Regularly inspect the sling for damage and general wear and tear, especially after laundering. Check carefully for wear and damage to seams, fabric, straps and strap loops. Do not use if the sling is damaged or worn in any way.

## choosing the correct size

It is very important to use the correct sized sling and ensure it is properly fitted before attempting to lift. This will ensure the patient feels safe, dignified and comfortable, and allows the carer to be confident of an effective and safe procedure.

Use these sizing recommendations as a guide only. The outside strap of each sling is colour coded to indicate size. Please refer to the ProSling Size Selection Chart for guidance on sizing recommendations. This chart is published in the ProSling Range Guide and is available to download from [www.novis.com.au](http://www.novis.com.au)

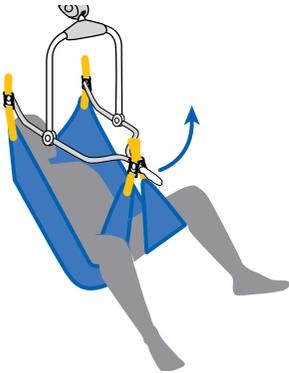


	Size / strap colour	S Shoulder circumference mm	H Sitting Height mm
<b>Pivot General Purpose with Head Support</b>	Small	700 - 860	640 - 800
	Medium	860 - 960	800 - 900
	Large	960 - 1040	900 - 1000

	Size / strap colour	S Shoulder circumference mm
<b>Pivot Hygiene</b>	Small	700 - 780
	Medium	780 - 960
	Large	960 - 1120

## positioning

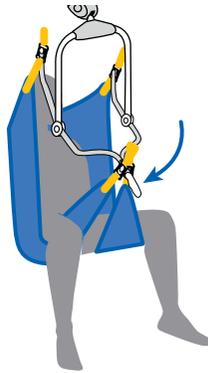
Pivot slings can be fitted for seated or reclined lifting. The patient can easily be repositioned using the pivot frame handles, sling handles or by holding the legs.



### Reclined positioning

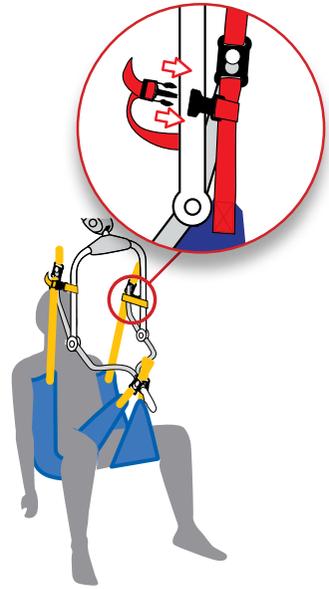
This is the natural position of the pivot frame once patient is suspended from either a sitting or reclined (supine) position. This position is best for lowering the patient on to a bed.

**⊗ DO NOT attempt this position on a Hygiene sling.**



### Upright positioning

By pushing down on the front pivot handle to rotate the frame, the patient is brought up into a seated position. This position is best for lowering the patient on to a chair.



### Upright lock positioning

Hygiene pivot slings can only be used in the upright position, for patients with sufficient upper body control. Extra buckle straps (as circled above) secure around the upper pivot frame and the vertical bar to lock the pivot frame in the upright position. An additional label on the upper body of the sling provides detailed fitting instructions.

## fitting the sling

Sling may be fitted when patient is seated or reclined / lying down position

### Patient in seated position

- 1 With the label on the outer rear of the sling, position the sling around the patient, with the base of the sling level with the base of the patient's spine and the leg sections lying either side of the patient's legs.
- 2 Pass the leg sections underneath each thigh, pulling gently until material is taut. This will ensure the leg sections support as much of the patient's hip and thigh region as possible. Gently raising the patient's feet may help to better position the leg straps underneath the thighs.
- 3 The sling is now ready to be attached to the patient lifter. Ensure the lifter legs are widened for maximum stability before approaching the patient. Manoeuvre the lifter carefully to ensure the pivot frame and boom does not hit the patient. Refer to the patient lifter manufacturer's user guide for further instruction.

### Patient in reclined or lying position

-  Use only the General Purpose with Head Support model to lift patients from a reclined position.
- 1 Lay the sling alongside the patient, with label to the rear and facing away.
  - 2 Position the base of the sling next to the base of the spine, and the leg section beside the patient's legs.
  - 3 Move to the other side of the patient (with sling on opposite side) and gently roll the patient towards you. With the patient lying on their side, slide the slinging underneath the patient's head and back.
  - 4 Raise the patient's knees one at a time, to allow the sling leg sections to pass underneath each leg.
  - 5 The sling is now ready to be attached to the patient lifter. Ensure the lifter legs are widened for maximum stability before approaching the patient. Where necessary, use pillows or cushioning devices to provide comfort or protection to the patient. Refer to the patient lifter manufacturer's user guide for further instruction.

## connecting to the lifter

Once the patient lifter is in place, with the pivot cradle centrally positioned above the patient, the sling can be attached.

- 1 Carefully lower the pivot frame around the patient, taking care not to make contact with the patient.
- 2 Attach the upper body pivot clips to the pins on either side of the frame, ensuring they are firmly clipped into place (pull down on the pivot clip release strap until a click is heard).
- 3 Repeat this process with the lower body pivot clips.
- 4 Check the patient's safety and comfort before raising the lifter.

## removing the sling

Ensure the patient is centrally positioned over the bed, chair or other support surface on to which they are being lowered. Gently and carefully lower the lifter, helping to guide the patient and ensuring they are comfortable and secure at all times.

One patient is firmly and securely supported on the bed, chair or other support surface, the sling can be removed.

- 1 Pull the pivot clip release strap located at the leg end of the sling in an upward direction until the clip is released. Remove the clip from the pin. Repeat this for the opposite leg end attachment.
- 2 Carefully pass leg straps through the inside of the patient's legs.
- 3 Repeat step one with the upper body pivot clips.
- 4 Position the patient as per the fitting process, and gently slide the sling out and away from the patient.

## transfer tips

- Gently push down on the handle of the Pivot Frame when lowering a patient into a chair. This will bring the patient into a more upright position. By gently pulling upwards on the handle the patient will move into a more reclined position to facilitate easy transfer onto a bed.
- Before lifting the patient, ensure both lifter and patient are supported on a flat stable surface and that all attachment straps are properly fitted to the yoke hooks.
- Ensure that the lifter brakes are used properly. Castor brakes should not be engaged when lifting a patient, to allow the lifter to naturally shift to the patient's centre of gravity. Locked castors during lifting increase the risk of the lifter tilting.
- Ensure the support surface from which the patient is being lifted is properly secured and will not move during the lifting operation.
- Always communicate with the patient, before and during the transfer, to ensure they understand what is taking place.
- During the transfer, always suspend the patient close to the floor to minimise the risk of injury due to a fall.
- Use gentle, gradual movements when controlling the lifter to ensure the patient feels secure and to reduce the risk of accidental contact with surrounding objects.
- Where possible, two carers should be available for patient transfers. The second carer can be positioned beside the patient and help to move them into the required position, using the handles on the outside of the sling body.
- Pay attention to the patient's physical and mental well being during the lifting and transfer process. Some patients may become uneasy, uncomfortable or may undergo muscle spasms. If the patient is showing any signs of discomfort or if the sling becomes unbalanced – stop immediately and lower the patient to a safe and appropriate support surface.

## care and cleaning

-  Do not use high pressure cleaners or harsh, caustic chemicals for cleaning.
-  Avoid contact with excessive heat, acid aerosols, organic solvents or alkalis. If you suspect contamination, wash out well in warm water.

Sling should be washed between patients or if there are visible signs of body fluids and/or substances present.

To wash, use a solution of mild soap and warm water and rinse well. Sling can be machine washed up to 85°C.

Air dry in a warm, clean area away from any direct heat source. Do not place on a heating system or in direct sunlight. Do not tumble dry, iron, wring dry or dry clean.

## safety and maintenance

Before each use, the sling should be inspected for signs of wear and tear. The sling must be inspected more thoroughly at least once every 6 months. More frequent inspections may be required if the sling is used or washed more often than normal.

If any faults are found immediately withdraw the sling from use.

### Regular inspection

Inspect the sling for general signs of wear, tearing or fraying. Check for obvious damage to the fabric including webbing burns, cuts or tears, or damage to the wave patterns or core support sections due to abrasion.

Examine the stitching around the base of each loop, all seams and side tape for broken lines, unravelling or any free strands. Check each pivot clip for discolouration, aging, splits, cracks or breakages. Slings showing signs of the above should not be used.

### Storage

Store the clean, dry sling in a sealed, airtight bag or container to protect the sling from moisture ingress. Where possible use the original zip lock bag supplied.

Slings should be stored away from sharp objects, chemicals, heat or any other sources of damage or fire risk.

### Expected life time

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

## warranty

Provided by **Novis Healthcare** ABN 45 102 735 491 Unit 12, 12 Mars Road Lane Cove NSW 2066

### **Australian consumer law**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or may be entitled to a refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be acceptable quality and the failure does not amount to a major failure. Where a failure does not amount to a major failure Novis is entitled to choose between providing you with a repair, replacement or refund. To obtain compensation, you would need to provide documentary evidence of the loss or damage suffered and documentary evidence that such loss or damage was a reasonably foreseeable consequence of a failure by Novis to comply with a consumer guarantee under the Australian Consumer Law.

### **Product warranty**

In addition to all rights and remedies which you may be entitled to under the Competition and Consumer Act 2010 (Commonwealth) and any other relevant legislation, Novis warrants each of its products to be free of defects in materials and workmanship for a period of 12 months (unless otherwise stated below), commencing from the date the product is shipped from Novis:

### **Warranty claims**

To claim under this warranty, please contact your authorised distributor (agent) or a Novis Healthcare Service Centre and have your receipt or proof of purchase ready. Novis Healthcare, or its agent, may need to assess the defect before determining any claim, and additional information may be requested to process your claim.

All returned product must be accompanied by a completed Return Authorisation Form, copies of which are available from Novis Healthcare or downloadable from the Novis website [www.novis.com.au/product\\_returns](http://www.novis.com.au/product_returns)

Any expenses incurred relating to the return of the defective product to Novis will be borne by you. We will then, at our discretion, either repair or replace the product, or refund you

money and take back the product. The cost to return the repaired or replaced product will be borne by us. Warranty repairs do not extend beyond the length of the warranty period.

### **Limited liabilities**

Our liability under this manufacturer's warranty is subject to us being satisfied that a defect was caused by a defective workmanship or materials, and was not caused or substantially contributed to by other factors or circumstances beyond our control, including (but not limited to) defective installation, maintenance or repair, product modification or alteration, any neglect misuse or excessive use, normal wear and tear or failure to follow manufacturer's instructions.

The benefits conferred by this manufacturer's warranty are in addition to all rights and remedies conveyed by the Competition and Consumer Act 2010 (Commonwealth), and any other statutory rights to which you may already be entitled, and this warranty does not exclude, restrict or modify any such rights or remedies that are implied by law.

### **Contact**

Mail to Novis Healthcare Warranty Returns  
Unit 12, 12 Mars Road  
Lane Cove NSW 2066

Email [sales@novis.com.au](mailto:sales@novis.com.au)

For more information please contact us on **1300 738 885** or visit our website at [www.novis.com.au](http://www.novis.com.au)



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