



# HUMAN CARE

Your Life. Your Way.



## User manual

Back belt sling/General purpose sling/  
Positioning sling



# Contents

---

Safety Instructions	3
Care and Maintenance	3
Using the product with other equipment	3
Troubleshooting	3
Hints and tips	3
<b><u>Back Belt sling</u></b>	<b>4</b>
Product Description	4
Intended use	4
<b><u>General Purpose sling</u></b>	<b>5</b>
Product Description	5
Intended use	5
<b><u>Positioning sling</u></b>	<b>7</b>
Product Description	7
Intended use	7

## Safety Instructions

---

### **Important!**



The process of lifting and moving a person always involves risks. Therefore, you must read the user manuals for the lift and the lifting equipment carefully. Always make sure that the lifting equipment you are using is intended for use with the lift. As a care provider, you are responsible for the patient's safety and you must know whether or not the patient will be able to cope with the lifting process.

The sling must be designed and tested to meet the patient's specific needs. If you are in any doubt, please contact the supplier. Human Care constantly improves and updates its products. We reserve the right to change the design of the products without prior notice.

### **Important points to remember**

- Carry out a careful visual inspection of the sling every time you use it.
- Check that the right sling is being used for the patient. The model, size and material must meet the patient's needs.
- Plan the moving and lifting process so that it is as safe as possible.
- Check that the sling is correctly attached to the lift once the lifting straps are stretched.
- Check that the patient is sitting securely in the sling before starting to lift him/her.
- Check that the lift is in balance when moving, raising and lowering the patient.
- When moving the patient, it is important not to hold the lift belt, to prevent it from being damaged.
- The sling must only be used for transferring people. The sling must not be used as a swing.
- Make sure no sharp objects come in contact with the sling.

- It is important to always check that the loops are at the bottom of all hooks (see picture below), securely placed below the locking pin on all hooks.



Correct                      Correct                      Incorrect                      Incorrect

- When using a telescopic hanger bar it is important that the hooks are in the correct position, with the opening of the hook facing upwards on both hooks (please see picture below). Check the position of the hook once the lift straps are stretched, but before the patient has left the surface.



Correct                      Incorrect

### **Periodic inspection**

In some countries a periodic inspection must be carried out at least every 6 months. Please see our periodic inspection log at our website ([www.humancaregroup.com](http://www.humancaregroup.com).)

### **Expected service life**

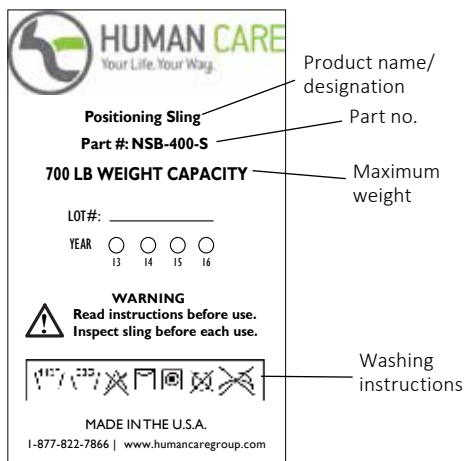
In normal use, the product is expected to have a service life of 1 to 5 years. The material, the washing process, the frequency of use and the load on the product all affect its life time.

### **Recycling**

Once the product has reached the end of its life, it must be disposed as residual waste.




## Label information

The label on the sling contains the following information.



## Suspension Alternatives

Our slings are designed based on the fact that people are different and that we all have our own wishes and desires. To make everyone happy and to make all our clients feel as comfortable as possible sitting in our slings, most of them can be used with 2, 3 or 4-point suspensions.

		
<p><b>2-point suspension</b></p> <p>Suitable for most lifting situations providing a good seating position. 2-point suspension is available with fixed and portable lifts.</p>	<p><b>3-point suspension</b></p> <p>Offers an elongated sitting position and more even weight distribution. The 3-point suspension is suitable especially for patients carrying an increased risk of pressure sores.</p>	<p><b>4-point suspension</b></p> <p>A spacious sitting position making it suitable for larger patients or when using a stretcher. 4-point suspension is available with both fixed and portable lifts.</p>

## Hanger Bar Accessories - Human Care Lifts

Accessory	Description	Part no.
2-point hanger bar	The 2-point hanger bar for HeliQ stationary lift comes in 4 different widths, 35 cm (13.8"), 45 cm (17.7"), 55 cm (21.7") and 60 cm (23.6").	35 cm: 55611 45 cm: 54043 55 cm: 55612 60 cm: 55613
4-point hanger bar	4-point hanger bar for HeliQ stationary lift.	70800
4-point suspension	4-point suspension accessory (49 cm). Enables 4-point lifting with the Altair and Roemer S lifts. The suspension bar is placed on the lift's single leg hook.	55619

## Care and Maintenance

- Check the sling for wear and tear. It is important to check the fabric, the edging, the seams and the lifting straps.
- Damaged lifting equipment must not be used.
- For washing instructions, please see the sling label.

## Using the product with other equipment

The sling is designed for use with all Human Care's lifts and hanger bars. Visit [www.humancaregroup.com](http://www.humancaregroup.com) for information about equipment and products.

Combinations of equipment and products not recommended by Human Care can put the patient's safety at risk. The use of these combinations is at the user's own risk and liability.

## Troubleshooting

### Is the patient incorrectly positioned in the sling?

- If the patient is at risk of sliding out, the sling is not correctly fitted.
- If the patient is at risk of sliding out, the sling may be too large.
- If the patient is unbalanced when lifted, the instructions on the individual test log have not been followed or a new test needs to be carried out.
- If the sling is too small, this can be uncomfortable for the patient. The sling can cut into the patient's flesh and/or his/her back may not have enough support.

**Note: It is important that the right sling is used for each patient and that it is individually tested to ensure that it meets the patient's needs.**

## Hints and tips

### Alternative connection method using leg support:

**Note: An individual assessment of the patient's needs must always be carried out before choosing an alternative connection method.**

1. Three point suspension: Attach the leg section lifting straps to the leg hooks and the back section lifting straps to the lift bar.
2. Two-point suspension with crossed leg support: Thread the strap on one leg section through the strap on the other leg section before attaching them to the lift bar.
3. Two-point suspension with overlapping leg support: This method is suitable for lifting patients with an amputated leg, for example. Extension straps can be attached to the lifting straps to prevent the patient from leaning too far back in the sitting position.
4. Two-point suspension with separate leg support: Put the patient's legs in each leg section and attach the lifting straps to the lift bar. Note: This method increases the risk of the patient sliding out of the sling.

# Back Belt sling

## Product Description

The Back Belt sling works together with a sit-to-stand device in order to safely raise or lower patients from toilet, bed or chair. It supports the central section of the back and has soft padding for optimum comfort.

The Back Belt is recommended especially for patients with poor stability finding it difficult to stand.

Technical specifications			
Item	Part no.	Size	Weight Capacity
Back belt	25130-S	S	250 kg / 550 lbs
Back belt	25130-M	M	250 kg / 550 lbs
Back belt	25130-L	L	250 kg / 550 lbs
Back belt	25130-XL	XL	250 kg / 550 lbs
Back belt	NSB-500-S *	S	227 kg / 500 lbs
Back belt	NSB-500-M *	M	227 kg / 500 lbs
Back belt	NSB-500-L *	L	227 kg / 500 lbs
Back belt	NSB-500-XL *	XL	227 kg / 500 lbs

\* Only distributed in USA

Technical specifications			
Item	Part no.	Size	Weight Capacity
Back belt, single patient use	NSB-501-S	S	250 kg / 550 lbs
Back belt, single patient use	NSB-501-M	M	250 kg / 550 lbs
Back belt, single patient use	NSB-501-L	L	250 kg / 550 lbs
Back belt, single patient use - clips	NSB-501C-S	S	200 kg / 440 lbs
Back belt, single patient use - clips	NSB-501C-M	M	200 kg / 440 lbs
Back belt, single patient use - clips	NSB-501C-L	L	200 kg / 440 lbs
Back belt, single patient use - clips	NSB-501C-XL	XL	200 kg / 440 lbs



Picture and illustration above shows the NSB-500.

## Intended use

### Applying the sling from a seated position

1. Stand behind or to the side of the patient and hold the sling with the anti slip pad facing the patient's back. Place the back band around lower back and bring flaps forward under arms.	
2. Move to the front and fasten the back band comfortably firm.	
3. Bring the sit to stand device to its lowest position and attach the loop or clip of belt to the belt hooks. Select loops that are appropriate to size and seated posture. Be sure to color-match loops on each side.	
4. As you begin lift, check to see that straps are securely attached and that the patient gains a firm foothold.	

### Gait Training

1. Move footplate out of the way to allow for foot steps.	
2. Place belt on patient as shown above and lift until patient is in upright position.	
3. Hold the sit-to-stand lift steady as you disengage the brakes. Remain standing either beside or behind the machine and slow the patient to assume a normal gait.	
4. After training complete, return user to chair, detach back belt and move the lift away. Remove back belt and replace foot plate.	

# General Purpose sling

## Product Description

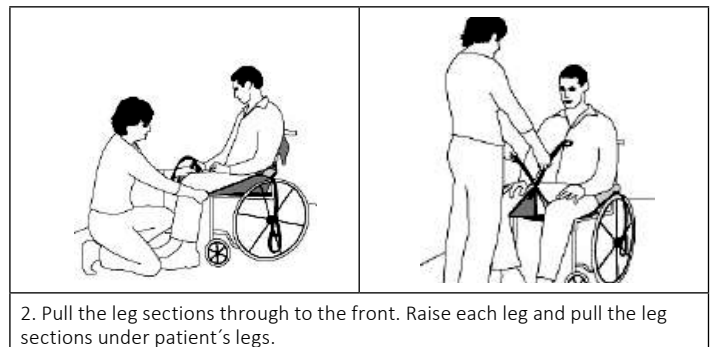
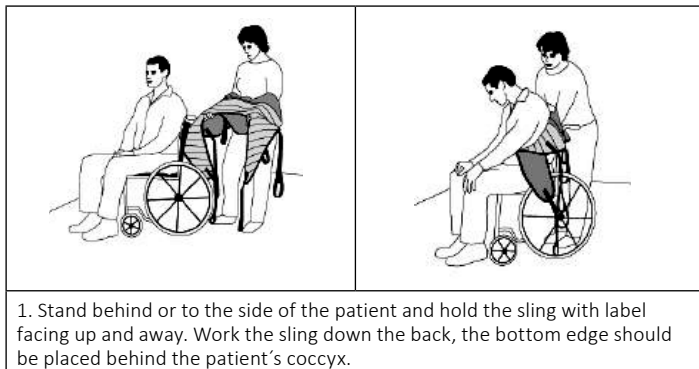
The General purpose sling is available in reusable and single patient use versions with loops and/or clips. This sling allows for easy seated transfer and has built in flexibility to achieve proper leg and body positioning for patients with some upper body control.

Technical specifications								
Item	Part no.	Material	Number of straps	Size	A (mm/ inch)	B (mm/ inch)	C (mm/ inch)	Weight capacity
General purpose sling single patient use	NSB-105-S	Polyester	4 straps	S	775 mm / 31"	838 mm / 33"	304 mm / 12"	318 kg/ 700 lbs
General purpose sling single patient use	NSB-105-M	Polyester	4 straps	M	972 mm / 38"	883 mm / 35"	425 mm / 17"	318 kg/ 700 lbs
General purpose sling single patient use	NSB-105-L	Polyester	4 straps	L	1143 mm / 45"	1029 mm / 41"	533 mm / 21"	318 kg/ 700 lbs
General purpose sling single patient use	NSB-105-XL	Polyester	4 straps	XL	1334 mm / 53"	1143 mm / 45"	679 mm / 27"	318 kg/ 700 lbs
General purpose sling reusable	NSB-103-S*	Polyester net	8 straps	S	775 mm / 31"	838 mm / 33"	304 mm / 12"	318 kg/ 700 lbs
General purpose sling reusable	NSB-103-M*	Polyester net	8 straps	M	972 mm / 38"	883 mm / 35"	425 mm / 17"	318 kg/ 700 lbs
General purpose sling reusable	NSB-103-L*	Polyester net	8 straps	L	1143 mm / 45"	1029 mm / 41"	533 mm / 21"	318 kg/ 700 lbs
General purpose sling reusable	NSB-103-XL*	Polyester net	8 straps	XL	1334 mm / 53"	1143 mm / 45"	679 mm / 27"	318 kg/ 700 lbs
General purpose sling reusable bariatric	NSB-109-2XPH*	Polyester net	8 straps	Bariatric	775 mm / 31"	838 mm / 33"	304 mm / 12"	454 kg/ 1000 lbs
General purpose sling single patient use	NSB-104-S	polymethylpentene	8 straps	S	775 mm / 31"	838 mm / 33"	304 mm / 12"	318 kg/ 700 lbs
General purpose sling single patient use	NSB-104-M	polymethylpentene	8 straps	M	972 mm / 38"	883 mm / 35"	425 mm / 17"	318 kg/ 700 lbs
General purpose sling single patient use	NSB-104-L	polymethylpentene	8 straps	L	1143 mm / 45"	1029 mm / 41"	533 mm / 21"	318 kg/ 700 lbs
General purpose sling single patient use	NSB-104-XL	polymethylpentene	8 straps	XL	1334 mm / 53"	1143 mm / 45"	679 mm / 27"	318 kg/ 700 lbs
General purpose sling single patient use with clips	NSB-104C-S	polymethylpentene	4 straps	S	775 mm / 31"	838 mm / 33"	304 mm / 12"	318 kg/ 700 lbs
General purpose sling single patient use with clips	NSB-104C-M	polymethylpentene	4 straps	M	972 mm / 38"	883 mm / 35"	425 mm / 17"	318 kg/ 700 lbs
General purpose sling single patient use with clips	NSB-104C-L	polymethylpentene	4 straps	L	1143 mm / 45"	1029 mm / 41"	533 mm / 21"	318 kg/ 700 lbs
General purpose sling single patient use with clips	NSB-104C-XL	polymethylpentene	4 straps	XL	1334 mm / 53"	1143 mm / 45"	679 mm / 27"	318 kg/ 700 lbs
General purpose sling reusable with clips	NSB-103C-S	Polyester/cotton	4 straps	S	775 mm / 31"	838 mm / 33"	304 mm / 12"	318 kg/ 700 lbs
General purpose sling reusable with clips	NSB-103C-M	Polyester/cotton	4 straps	M	972 mm / 38"	883 mm / 35"	425 mm / 17"	318 kg/ 700 lbs
General purpose sling reusable with clips	NSB-103C-L	Polyester/cotton	4 straps	L	1143 mm / 45"	1029 mm / 41"	533 mm / 21"	318 kg/ 700 lbs
General purpose sling reusable with clips	NSB-103C-XL	Polyester/cotton	4 straps	XL	1334 mm / 53"	1143 mm / 45"	679 mm / 27"	318 kg/ 700 lbs

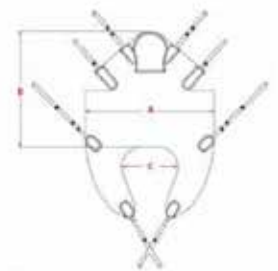
\* Only distributed in USA

## Intended use

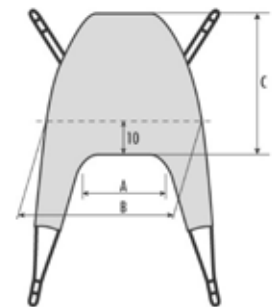
### Applying the sling from a seated position (NSB-103 used as reference)



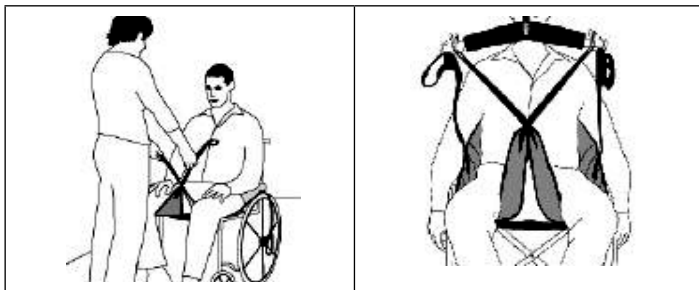
The picture shows the NSB-103



The illustration shows the NSB-103 and NSB-105

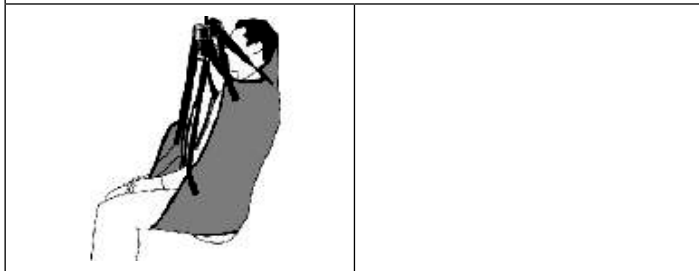


The illustration shows the NSB-104C and NSB-103C



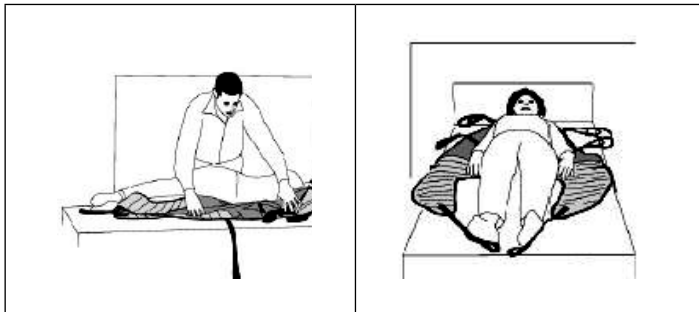
3. Lower the hanger bar and securely attach straps (please see page 2). There are different ways to attach the loops to a hanger bar and to position the legs. This sling can be used both with 2-, 3- or 4-point hanger bars. The image above shows attachment to a 4-point hanger bar with legs in a divided position.

Please see chapter "positioning the legs" to the right for the different options when using a 4-point hanger bar. For attachment of this sling to a 2-point or a 4-point hanger bar, please see chapter "attaching sling to hanger bars" to the right.

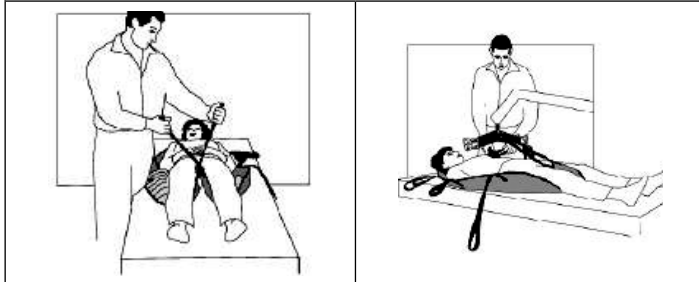


4. Continue lifting the patient. It is a good idea to put your arm around the patient while you are moving him/her to create a greater sense of security.

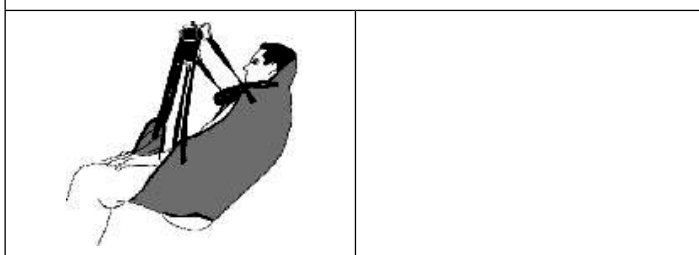
### Applying the sling from a lying position (NSB-103 used as reference)



1. Stand to side and turn the patient to face you. Place gathered sling behind back with label facing up and away.
2. Turn the patient on back and pull gathered sling towards you.



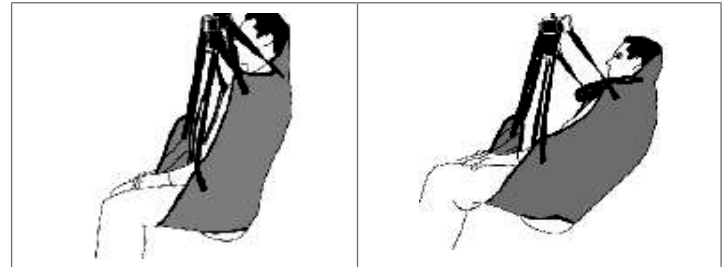
3. Bring the leg sections underneath the thighs to achieve the desired positioning of the legs.



4. Lower the hanger bar and securely attach straps (see page 2) with appropriate loop.

For sling with clips: Attach the leg section lifting clips to the lifting frame. Turn the lift around and attach the back section lifting clips to the lift frame.

### Positioning the body

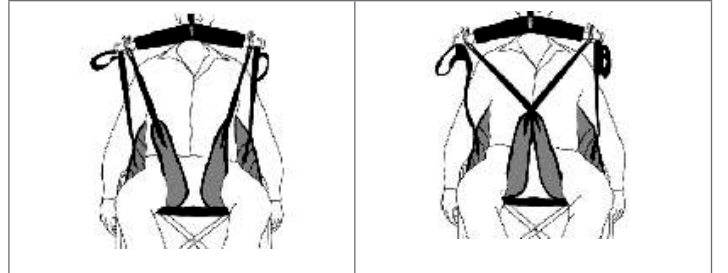


To achieve the upright position, use the short loops of the head and shoulders and the long loops of leg straps.

To achieve the reclined position, use the middle or long loops of the head and shoulders straps and the middle or short loops of leg straps.

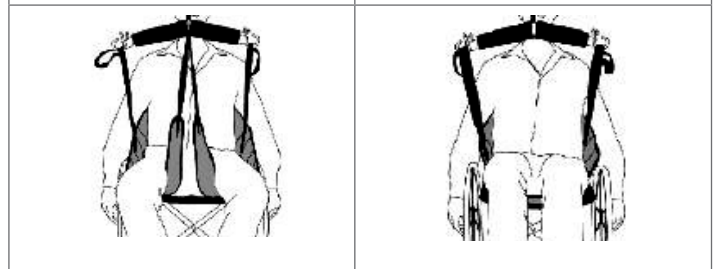
NOTE: Always color-match loops of each pair of straps to achieve level loading.

### Positioning the legs (4-point hanger bar)



To achieve the open position, bring the leg sections up between the thighs and attach the leg straps to the hanger bar.

To achieve the divided position, bring the leg sections up between the thighs, thread one leg strap through the bottom opening of other (left) and attach the leg straps to the hanger bar cross over style.



For a more relaxed position, attached to the center hook of the hanger bar.

To achieve the closed position, pull one leg band than the other underneath both thighs and attach to the hanger bar.

### Attaching the General purpose sling to hanger bars

2-point hanger bar	3-point hanger bar	4-point hanger bar
<p><u>Sling with 8 straps:</u> Starting from head, the 3 top straps on the left attached on left side, repeat on the right side. The 2 leg straps should be attached to the hook on each side.</p>	<p><u>Sling with 8 straps:</u> Starting from head, the 3 top straps on the left - attach on left side, repeat on right side, the 2 leg straps (right and left) - attach to the leg hook.</p>	<p><u>Sling with 8 straps:</u> Each hook should have 2 straps attached. The bottom 2 leg straps can be crossed for increased comfort.</p>
<p><u>Sling with 4 straps:</u> Starting from head, the 1 top strap on the left attach on left side, repeat on right side(1), The 2 leg straps should be attached to the hook on each side.</p>	<p><u>Sling with 4 straps:</u> Starting from head, the 1 top strap on the left - attach on left side, repeat on right side(1). The 2 leg straps (right and left) attach to leg hook.</p>	<p><u>Sling with 4 straps:</u> Each hook should have 1 straps attached. The bottom 2 leg straps can be crossed for increased comfort.</p>

# Positioning Sling

## Product Description

The Positioning Sling is a sling that can be used for turning or repositioning a patient in bed. The sling allows caregivers to reposition patients up in bed, side to side turning, lateral transfers from bed to stretcher or bed to bed.

The Positioning Sling is available in different models. Please see specifications below.



The picture shows the NSB-401-S

Technical specifications						
Item	Part no.	Number of straps	Material	Width	Length	Weight capacity
Standard reusable*	NSB-400-S	10 straps	Polyester	1041 mm/41"	1702 mm / 67"	318 kg/700 lbs
Standard reusable bariatric*	NSB-409-S	10 straps	Polyester	1829 mm / 72"	2235 mm / 88"	454 kg / 1000 lbs
Standard reusable breathable	NSB-401-S	8 straps	Polyester	1041 mm/41"	1702 mm / 67"	318 kg/700 lbs
Standard single patient use*	NSB-451-U	8 straps	Polyester/cotton	1041 mm/41"	1702 mm / 67"	318 kg/ 700 lbs
Standard, reusable ventilated	NSB-401-ST	8 straps	polyester/nonwoven	1065 mm/42"	1980 mm / 78"	454 kg/1000 lbs
Bariatric positioning sling ventilated L	NSB-410-ST-L	8 straps	polyester/nonwoven	1320mm/52"	2080mm/82"	454 kg / 1000 lbs
Bariatric positioning sling ventilated XL	NSB-410-ST-XL	8 straps	polyester/nonwoven	1470 mm/58"	2080mm/82"	454 kg / 1000 lbs
Bariatric*	NSB-408	10 straps	Polyester/woven	1372 mm/54"	2235 mm / 88"	454 kg / 1000 lbs



The illustration shows the NSB-400-S

\* Only distributed in USA

## Intended use

### Applying the sling from a lying position (NSB-401-S used as reference)

<p>1. Stand on the side of the bed and turn the patient to face you. Place gathered sling behind back with label facing up towards head and away.</p>	
<p>2. Turn the patient on back and pull gathered sling towards you.</p>	

3. Lower the hanger bar and position it with the longest length head to toe (not across shoulders). Make sure that patient head is supported.

#### How to attach the straps: (attach the straps securely according to page 2)

2-point hanger bar(picture 1): Starting from head, the top 2 straps from left and right (4 total) attach to hook closest to head, bottom 2 straps from left and right (4 total) attach to hook closest to feet.

3-point hanger bar: Use only the 2 hanger bar hooks (not the leg hook), attach the straps according to the 2-point instruction or use the accessory "4-suspension", attach the straps according to the 4-point instruction.

4 point hanger bar(picture 2): Start from the head end, each hook should have 2 straps on it.

NOTE- some versions of the positioning sling has 5 straps on each side. In this case it is recommended for the middle straps to be attached to hook that the head straps are attached to.





Picture 1.





Picture 2

**Transferring in seated position (Can ONLY be done when using a 4-point hanger bar), (NSB-401-S used as reference):**

<p>1. After sling has been applied in lying position, put patient into a seated position by adjusting bed. Lower hanger bar and position so longest width is across shoulders.</p>	
<p>2. To achieve a seated position, head and bottom straps must be criss-crossed on hanger bar.</p> <p>Attach head straps to bar loops furthest from patient and foot straps to loops closest to patient like in this picture.</p> <p>As lift ensure straps are secure (see page 2) and clear of patient head. Maintain hand on patient for safety and guide into slightly reclined chair. (This is not recommended for transfer to a wheelchair.)</p>	

**Transferring in a lying position.**

<p>1. After sling has been applied in lying position (follow the steps 1-3)</p>	
<p>2. Begin to lift the patient up, pause and ensure that the straps are secure and clear of patient head.</p> <p>Lift patient up off bed to another bed, stretcher or reclined conversion chair.</p>	

**HUMAN CARE SWEDEN (HQ)**  
 Årstaängsvägen 21B  
 117 43 Stockholm  
 Phone:- +46 8 665 35 00  
 Fax:- +46 8 665 35 10  
 E-post: info.se@humancaregroup.com  
 www.humancare.se

**HUMAN CARE UNITED STATES**  
 8006 Cameron Street, Suite K  
 Austin, TX 78754 USA  
 Phone: 512.476.7199  
 Fax: 512.476.7190  
 Email: info.us@humancaregroup.com  
 www.humancaregroup.com

**HUMAN CARE CANADA**  
 10-155 Colonnade Road  
 Ottawa, ON K2E 7K1  
 Phone:- 613.723.6734  
 Fax:- 613.723.1058  
 Email: info.ca@humancaregroup.com  
 www.humancaregroup.com

**HUMAN CARE AUSTRALIA**  
 Unit 4, 49 Bertie Street  
 Port Melbourne, VIC 3207  
 Phone : +61 1300 132 736  
 Fax : + 61 (03) 9645 4954  
 Email: info.au@humancaregroup.com  
 www.humancaregroup.com

**HUMAN CARE NETHERLANDS**  
 Elspeterweg 124  
 8076 PA Vierhouten  
 Phone: +31 577 412 171  
 Fax: +31 577 412 170  
 info.nl@humancaregroup.com