

Instruction for use

IMM1004_IFU.Version12.2021-02-19



4WayGlide Mattress LPL
4WayGlide Mattress LPL - maxi

immedia
by Etac

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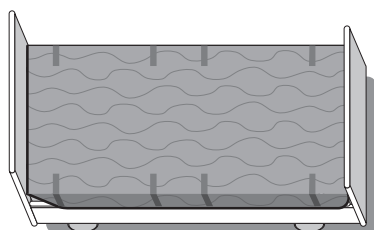
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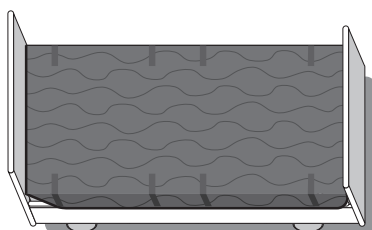


Models

4WayGlide Mattress

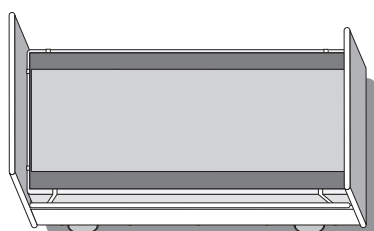


IM140/200LPL
IM180/200LPL

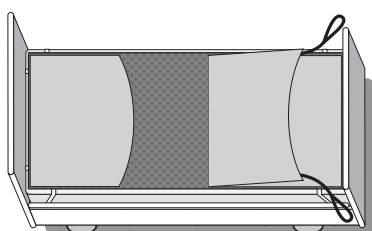


IM140/200LPLG
IM180/200GLPL

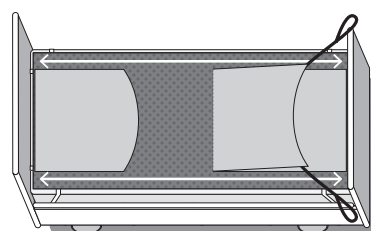
NylonSheet



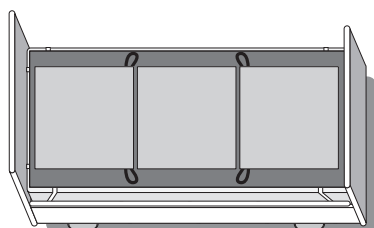
IM85/200NS



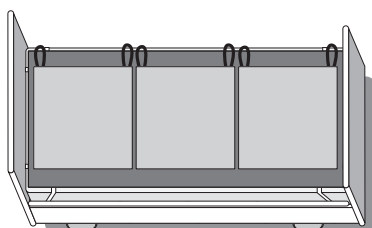
IM85/200LPL



IM85/200LPLNS
IM110/200LPLNS

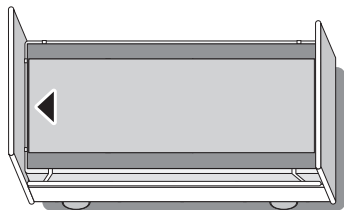


IM85/2002LPL

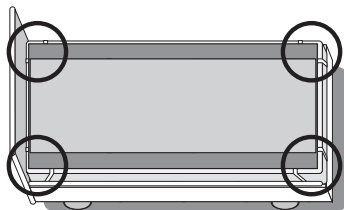


IM85/2003LPL
IM120/2003LPL

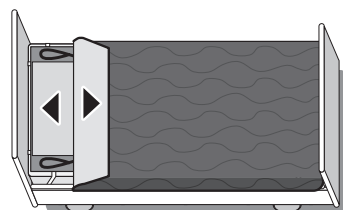
Illustrations



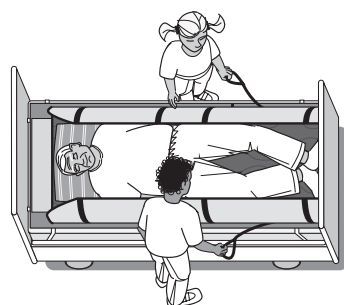
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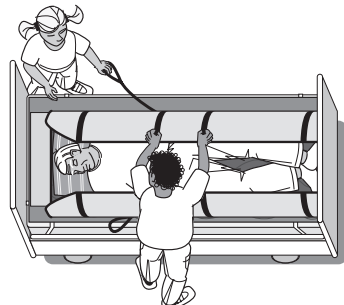
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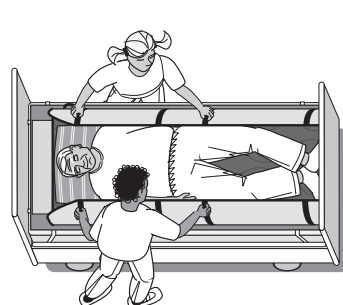
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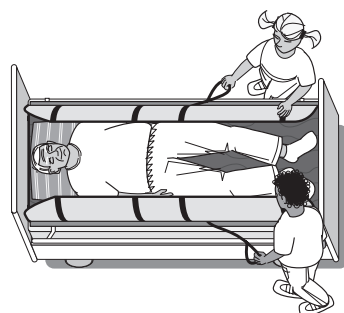
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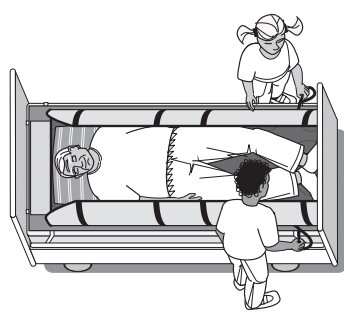
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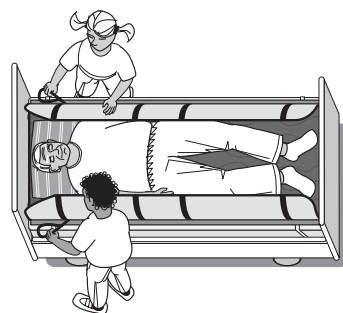
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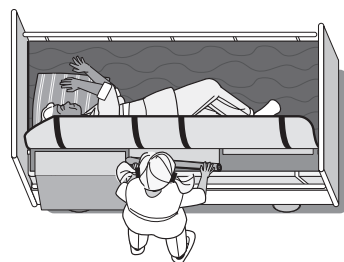
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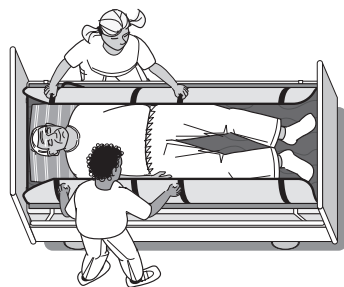
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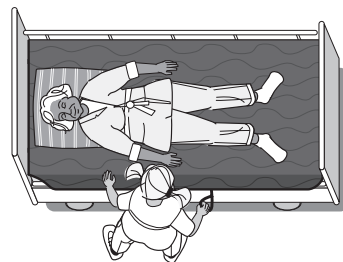
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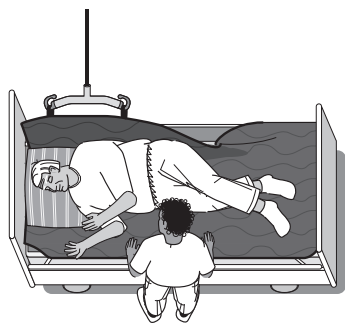


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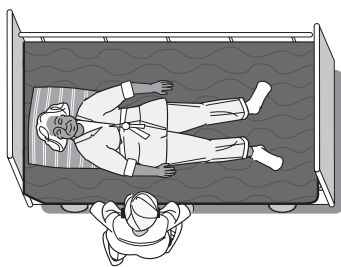


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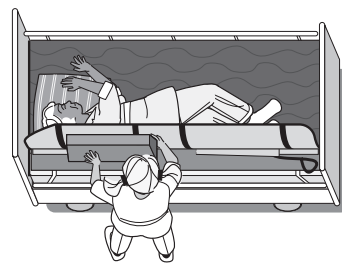
Illustrations



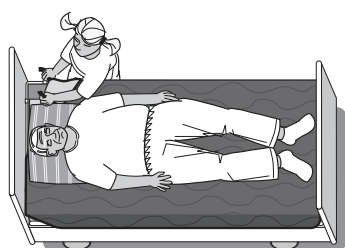
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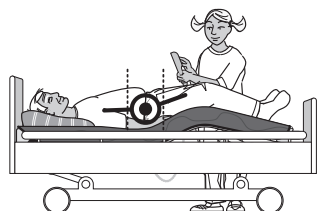
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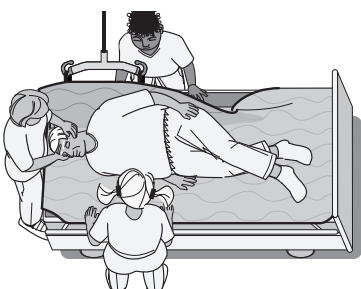
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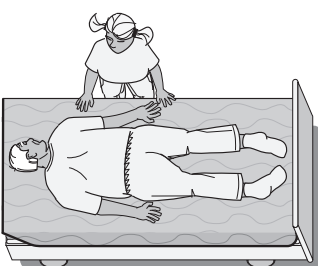
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General

Thank you for choosing an Etac product.

To avoid accidents and injury when moving and handling the products, please read this manual carefully.

The person described as “the user” in this “Instruction for Use” is the person who is lying or sitting on the product. The carers are the people who manoeuvre the product.



This symbol appears alongside the text in the manual. It draws the reader's attention to points at which there may be a risk to the health and safety of the user or carer.

These products comply with the standards applicable for Class 1 products in the Medical Device Regulation (EU) 2017/745 on medical devices.

At Etac we strive to continually improve our products and therefore we reserve the right to make changes to products without prior warning. All measurements given on illustrations and similar material are for guidance only and Etac cannot be held liable for errors and defects.

The information given in this manual, including recommendations, combinations and sizing, does not apply to special orders and modifications. If the customer makes adjustments, repairs or uses combinations not predetermined by Etac, the Etac CE certification and Etac warranty will not be valid. If in doubt, please contact Etac.

Warranty: Two-year warranty on material and manufacturing defects, provided that the product is used correctly.

Expected lifetime: The device has an expected service life of 1 to 2 years under normal use. The service life of the device varies depending on usage frequency, loads and how often and how it is washed.

For further information on the Etac Patient handling, see www.etac.com.

In case of an adverse event occurred in relation to the device, incidents should be reported to your local dealer and the national competent authority in a timely manner. The local dealer will forward information to manufacturer.

Symbols in general



Washing



Disinfect / Wipe off



Warning



Manufacturer



Do not bleach



Never leave on the floor



Production year, month and day



CE -certification



Tumbledry



Risk of sliding down



Batch no./Lot no.



Keep dry



Iron



Keep out of the sun



User mass limit = maximum rated load



Non sterile



Do not dryclean



Read the user manual



The product can be scrapped according to national regulations



Article number



Medical device

Intended use

4WayGlide Mattress LPL is a glide system which makes it easy for carers to move and position a user in a bed.

Turning in bed, transfer in bed, repositioning in bed, transfer between 2 beds or operating theatre.

Intended environment

Acute care, Long-term care, home care.

Practical handling

Positioning

Place 4WayGlide NylonSheet with locking system on the bed. The “this side up” label should be at the head end (Illustration 1). Secure the elastic band around the bed mattress (illustration 2). If required, lock the glide system so that the non-slip material is visible.

Fit the 4WayGlide Mattress (Illustration 3). The “this side up” label is at the head end and is visible (nylon against nylon). If required, fit the corner straps around the mattress corners. Position the user in the bed.

The product can be positioned under the user if he/she is permanently bedridden - use the same method as for changing sheets.

Use

Important: Always conduct a risk assessment with the intended user before installing and use!

2 carers:

1 lock:

To unlock/lock the system, one carer on each side holds the handles attached to the nylon sheet hanging over the foot end of the bed and pulls them slowly upwards towards the head end (Illustration 4). When the carers feel resistance, they must stop pulling. Then one carer holds the handles on the opposite side of the glide system, and the other carer helps to pull the locking system up past the hip area (Illustration 5). The carers then do the same on the opposite side.

The glide system is now unlocked and the user can be moved in all directions by pulling the handles under the 4WayGlide Mattress at the shoulders and hips (Illustration 6).

When the carers have finished repositioning/moving the user, the glide system should, if required, be relocked unless the risk assessment states something else (Illustration 7).

2 locks:

To unlock/lock the system, one carer on each side holds the handles attached to the nylon sheet hanging over the foot end of the bed, folds and pulls them slowly upwards towards the head end (Illustration 8).

One carer on each side holds the handles attached to the nylon sheet hanging over the head end of the bed, and pulls them slowly upwards towards the foot end (Illustration 9).

The glide system is now unlocked and the user can be moved in all directions by pulling the handles under the 4WayGlide Mattress at the shoulders and hips (Illustration 6).

When the carers have finished repositioning/moving the user, the glide system should, if required, be relocked unless the risk assessment states something else.

3 locks:

To unlock/lock the system, one carer on each side holds the handles attached to the nylon lock from the nylon sheet hanging over the bed side. Fold the nylon lock and carefully push the nylon lock under the user. The carer on the opposite side takes hold of the handles and slowly pulls and fastens the flap with the Velcro. Carry out the same procedure with all 3 locks (Illustration 10).

The glide system is now unlocked and the user can be moved in all directions by pulling the handles under the 4WayGlide Mattress at the shoulders and hips (Illustration 6).

When the carers have finished repositioning/moving the user, the glide system should, if required, be relocked unless the risk assessment states something else.

Sliding down:

Unlock the glide mattress (Illustrations 4+5 or 8+9 or 10). The carer holds the straps under the user at the shoulders (and hips, if necessary) and then slowly pulls the user upwards using weight transfer (Illustration 11).

Single-handed care/“2 to 1”/1 carer:

Unlock the system as described before but this time, one of the carers needs to swap sides and, if required in the risk assessment, secure the opposite side with the bed rail (Illustration 12).

One carer can easily use the hoist to help turn the user. Attach the handles of the 4WayGlide Mattress to the sling bar. Raise the hoist a few centimetres so the weight of the user is eased and unlock the system. Raise the hoist until the user is in the correct supine position. The carer can either push down on the glide mattress or pull on the handles to make sure the user is turned in the middle of the bed (Illustration 13).

Sliding down:

Unlock the glide mattress (Illustrations 4+5 (1 lock) or 8+9 (2 locks) or 10 (3 locks)). The carers push in GlideMattress at the hip and shoulder and the user will move to the opposite side diagonally. Now hold the handles at the shoulder and hips and reposition the user in the middle of the bed. Alternatively hold the handles at the shoulder and hips and pull the user towards you and reposition the user in the middle of the bed. Remember to use weight transfer (Illustration 14).

Supine positioning:

If the user has to remain on his/her side for personal care or positioning, they can be supported using a positioning wedge or positioning pillows placed according to the user's needs (example in Illustration 15).

After moving the user, it will often be beneficial to smooth out the glide system under the user. To do this, pull diagonally on the corners, preferably one layer at a time.

Seated positioning:

Lock the glide system. If reduced freedom of movement in the upper body is required in the seated position, you can lock the glide system at both sides at the shoulders by fitting corner straps around the mattress (Illustration 16). Remember to use the knee bend first before raising the head end (Illustration 17). The head end can now be raised, without the user sliding down (Illustration 18).

Proning

Place the 4Way Mattress out of center – there should be more mattress to the side you turn the user.

Remove the head-end of the bed.

If the user is connected to a ventilator or other life saving machines, turn the user towards the equipment. Place the hand of the user under the hip. If needed add 2-3 pillows or positioning cushions used on top of the users body.

Place a sheet over the user fold the sheet away from the users head tug the sheet round the user like a cocoon.

Unlock the system as describe before.

One carer secure the users head and one carer on each side to support the user.

Move the user to the opposite side to where the user is turned.

Attach the handles of the 4WayGlide Mattress to the sling bar.

Raise the hoist and slowly turn the user to almost 90° When the user is on the side one carer tug the sheet under the user to be able to remove it when the user is turned to prone. Same carer support the user by having the hands on the shoulder. Continue to turn the user. The carer can either push down on the glide mattress or pull on the handles to make sure the user is turned in the middle of the bed (Illustration 22) turn until the user is in the correct prone position

Slowly lower the hoist again. Remove the handles from the sling

bar hooks. If nessecary move the user to the center of the bed. Secure that the user is correct positioned. (illustration 23) Raise the guard rails if required

Turn to supine positioning the same way.

The “5 smiles” technique:

To ensure the most comfortable position (seated or lying), it is imperative that the carers remove any tension occurring on the skin when the user’s head or feet are raised.

First Smile: move and reposition the pillow (Illustration 19).

Second and third Smile: relieve the skin tension under the shoulders (Illustration 20) on each side. Use the Immedia MultiGlide glove and place the gloved hand under the user and slowly move it down towards the bed end.

Fourth and fifth Smile: relieve the skin tension under the legs (Illustration 21) one leg at the time. Use the Immedia MultiGlide glove and place the gloved hand under the buttocks and slowly move it towards the bed end.

Seated position:

Once the carer has ensured that any tension on the skin is released, they can support the user in the seated/lying position with positioning wedges or positioning pillows.

Notice

Special features

Always check the product before use and after washing.

Never use a defective product. If the product shows signs of wear-and-tear, it must be scrapped.

Read these instructions carefully.

It is important that carers receive instruction in manual handling. Etac offers advice and training in the safe use of the product. For further information, contact Etac.

Always use the correct manual handling techniques

Encourage the user to assist where possible.

To ensure that the user feels safe and that every manual handling is smooth, always plan the manual handling in advance.



There is a risk that the user may slide off. Never leave the user alone on the edge of the bed.



Never leave a 4WayGlide Mattress LPL or NylonSheet on the floor.



Always conduct a risk assessment, and ensure that the assistive product can be used for the intended user and, in combination with other devices, is safe for both user and carers.



It is recommended that the guard rail is in place when the user is left on the glide system, unless a risk assessment has found that the user can be safely left on the glide system without the need of guard rails.



Always lock the glide system when you have completed the transfer.



Do not use the 4WayGlide Mattress LPL as a sling.



To reduce sliding to the side if the head end is elevated, fit the corner straps around the bed mattress.

If in any doubt - please contact Etac.

Material and cleaning

Material:

Top side: 65% polyester and 35% cotton or 100% polyurethane

Filling: Polyester (fibre)

Back side: Polyester

Handles: Polyester.

NylonSheet: Nylon, polyester.

The product should be checked regularly, preferably each time it is used, and especially after washing.

Check that there is no damage to seams or fabric.



**Never try to repair a product yourself.
Never use a defective product.**

Washing instructions:

Recommended to wash the product before use.

Do not use fabric softener.

This product can be cleaned with a solvent-free cleaning agent with a pH level between 5 and 9, or a 70% disinfection solution.



Products and accessories

Article no.	Product Description	Size (mm)
IM140/200LPL	4WayGlide Mattress LPL	W1400xL2100
IM140/200LPLG	4WayGlide Mattress LPL	W1400xL2100
IM180/200LPL	4WayGlide Mattress LPL - maxi	W1800xL2100
IM180/200GLPL	4WayGlide Mattress LPL - maxi	W1800xL2100
IM85/200	4WayGlide NylonSheet	W850xL2050
IM85/200NS	4WayGlide NylonSheet	W850xL2050
IM85/200LPL	4WayGlide NylonSheet LPL w/lock	W850xL2050
IM85/200LPLNS	4WayGlide NylonSheet LPL w/lock	W850xL2050
IM85/2002LPL	4WayGlide NylonSheet LPL w/2x lock	W850xL2000
IM85/2003LPL	4WayGlide NylonSheet LPL w/3x lock	W850xL2000
IM90/200NS	4WayGlide NylonSheet	W900xL2050
IM110/200LPLNS	4WayGlide NylonSheet LPL w/lock - maxi	W1100xL2050
IM120/2003LPL	4WayGlide NylonSheet LPL w/3x lock - maxi	W1200xL2000
IM120/200	4WayGlide	W1200xL2050
IM140/200PU	4WayGlide Cover	W1470xL2200

Set

Article no.	Product Description	Size (mm)
IM4300	4WayGlide LPL w/3x lock set. Incl. IM140/200LPL + IM85/2003LPL	
IM4309	4WayGlide LPL w/lock set. Incl. IM140/200LPL + IM85/200LPLNS	
IM4322	4WayGlide LPL set. Incl. IM140/200LPL + IM85/200NS	
IM4323	4WayGlide LPL set. Incl. IM140/200LPL + IM90/200NS	

Combinations

Article no.	Product Description	Size (mm)
IM53NS	Positioning Wedge S	W300xL530xH200
IM53/80NS	Positioning Wedge L	W300xL800xH200

Service information

Inspection

First inspection:

- Is the packaging intact?
- Read the label on the packaging and check the article no. and product description
- Check that Short Instruction is enclosed – updated User Manual/Instruction for use can be downloaded from www.etac.com or contact your Etac Customer Service or the local dealer.
- Check the label on the product - does it include article no., product description, lot/batch no., cleaning instructions and supplier name?

Periodic Inspection:

- Make sure that your Manual transfer system always is in a perfect condition.
- After wash – always check materials, stitching, handles, buckles.
- If the product shows signs of wear and tear, it must be removed from service immediately.



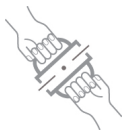
Visual inspection/Check the product:

Ensure that the materials, seams, stitching, handles, buckles are intact/faultless.



Stability test:

Try to bend the product verify that it feels firm, stable and solid.



Mechanical load or stress/Test handles:

Draw hard in the handles in opposite directions and control the material, seams and stitching.

Test buckles:

Lock the buckle and draw in opposite directions, control the buckle and the stitching.



Test low/high friction:

Place the product on a firm surface or a bed, place your hands on the material and test the friction by pushing your hands down into the product.

Low friction – slides effortlessly

High friction – no sliding/moving

Check:

Manual transfer aids with handles, straps and buckles:



Manual transfer aids with for sitting and lying transfer and with high or low friction:



Production year, month and day



The product can be scrapped in accordance with national regulations



Read the user manual