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Sling User Manual

2026 Edition

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Introduction

Our range of slings – Luma, Viva, Aura, and Nova – has been carefully engineered to provide reliable support for patients in a wide variety of situations, from everyday transfers to specific needs such as bathroom assistance, showering, and transportation.

Each sling features a soft, skin-friendly inner lining designed to prevent chafing and ensure long-lasting comfort, even during extended use. The ergonomic design provides balanced support to reduce pressure points, minimize skin irritation, and deliver a consistently comfortable experience.

For enhanced safety, every sling is equipped with integrated hand supports for easier handling and an adjustable safety belt to help prevent slipping during transfers. These features work together to keep patients stable, secure, and comfortable, enabling smooth and controlled movement in any care environment.

Leveomedtech slings:

Luma



4 in 1



Viva



4 in 1



Aura



3 in 1



Nova



2 in 1



Intended Use:

Levomedtech's patient lift slings are designed for use with compatible patient lift systems to ensure the safe, efficient, and comfortable transfer of individuals with limited mobility.

The slings are intended for use in a variety of healthcare environments, including hospitals, nursing homes, and home care settings.

They assist caregivers in transferring patients between beds, wheelchairs, toilets, and other seated or lying positions.

Key Features & Applications

- **Patient Groups:**

Designed for individuals with limited mobility, including those recovering from surgery, living with physical disabilities, or experiencing reduced mobility due to age or medical conditions.

- **Functional Applications:**

Assists caregivers in transferring patients between locations – for example, from a bed to a wheelchair, from a wheelchair to a toilet, or from a bed to a shower area.

Certain models also support partial standing or repositioning tasks, depending on patient requirements

- **User Interaction:**

Intended for use by trained caregivers – including healthcare professionals and family members – who are responsible for the safe handling and transfer of patients.

- **Environmental Settings:**

Suitable for use in hospitals, nursing facilities, private homes, and other care environments where mobility assistance is required.

- **Operational Conditions:**

Designed for typical indoor use under environmental conditions commonly found in healthcare and residential care settings.

- **Important Note:**

Selecting the correct sling model is essential to ensure optimal safety and comfort. Always choose a sling based on the patient's specific needs, body size, and the type of transfer required. Follow all manufacturer instructions and consult qualified healthcare professionals to ensure proper usage and patient safety.



Slings

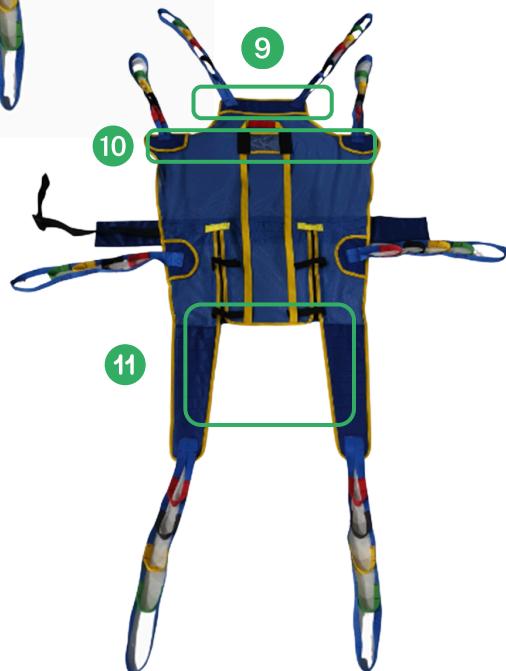
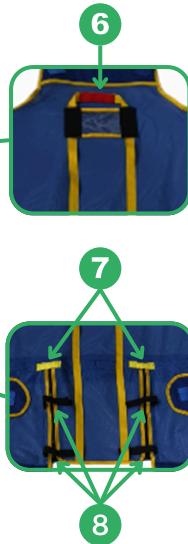
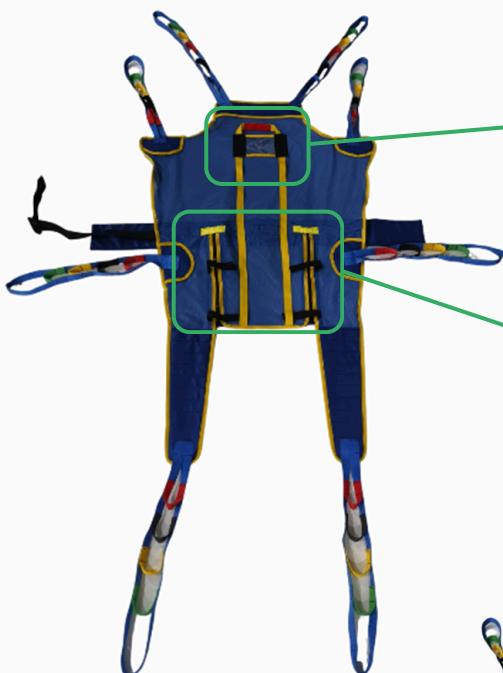
LUMA: ENHANCED SUPPORT FOR COMPLETE MOBILITY

The Luma Sling provides enhanced neck support and a wider lower opening for added comfort and ease of use. It is suitable for everyday mobility, including transfers for transportation, restroom visits, and showering. The functional zipper allows for easy adjustments, making the sling adaptable for a variety of tasks. The Luma Sling is designed to provide both patient and caregiver comfort and stability.

Parts of slings:

1. Neck Loops
2. Shoulder Loops
3. Hip Loops
4. Leg Loops
5. Safety Belt
6. Adjusting Band
7. Zipper
8. Velcro Strip
9. Neck Section
10. Shoulder Part
11. Leg Section





1. Operations steps

Applying the Sling: in a Sitting or Lying Position

Carefully position the sling beneath the patient. Ensure that the bottom edge of the sling rests behind the patient's lower back. Securely fasten the sling belt around the patient's hips, making sure it is properly tightened and correctly positioned for safety.



2. Positioning the Leg Sections

Place the leg sections of the sling forward, between the patient's legs. Cross the leg straps in an "X" shape underneath the patient's thighs, as indicated in the accompanying figure.



3. Preparing the Lift/Hoist

Lower the Levo450V lift/hoist to the patient's stomach level, or to a height where the sling loops can be attached easily and without applying force.

4. Attaching the Leg Loops

Attach the leg loops to the lift in a crossed "X" configuration, ensuring that Group A and Group B loops are correctly positioned.

5. Raising the Patient

After confirming that the sling is properly attached to the lift, raise the patient slightly.

If the sling is being used for restroom or shower access, unzip the zippers as required. Otherwise, proceed with the transfer as usual.



6. Positioning the Leg Sections

Place the leg sections of the sling forward, between the patient's legs. Cross the leg straps in an "X" shape underneath the patient's thighs, as indicated in the accompanying figure.

7. Adjusting for Restroom or Shower Use

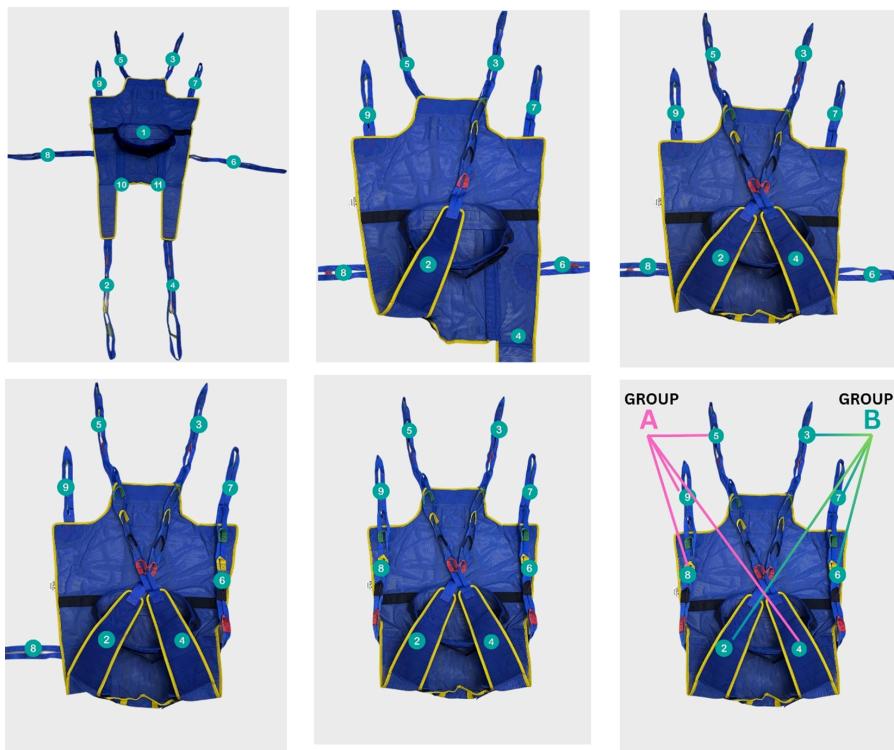
After unzipping the sling, use the adjusting belt to lift or reposition the sling, providing access to the necessary areas of the patient



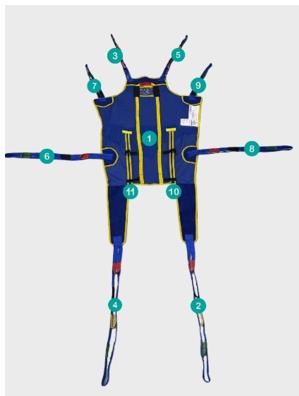
8. Post-Use Procedure

After the restroom or shower visit, it is not necessary to zip up the sling immediately.

Use the Velcro straps to transfer the patient to the bed or wheelchair. The sling can be zipped up later, once the transfer is complete and the patient is safely positioned.



After attaching the loops in Groups A and B to the lift, raise the patient and adjust the back section of the sling as illustrated.



First, open the zippers on both sides. To access the lower part of the patient, use the adjustment band to lift and secure the lower section of the sling, as illustrated.



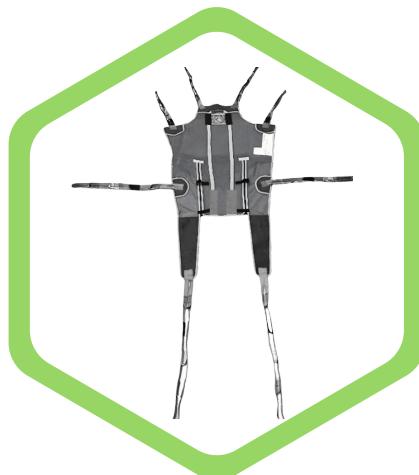
VIVA: MAXIMUM COVERAGE FOR DIGNIFIED CARE

The Viva Sling is designed to provide maximum coverage while maintaining patient dignity. It features high neck support and extended lower-body protection, making it particularly suitable for restroom or bathroom use, while ensuring comfort and privacy during transfers.

The extended back panel is especially beneficial after restroom visits or during pre- and post-operative care.

This sling is ideal for transportation, restroom use, and showering, providing both comfort and discretion for the patient throughout the transfer process.

For detailed instructions, follow the operation steps provided.

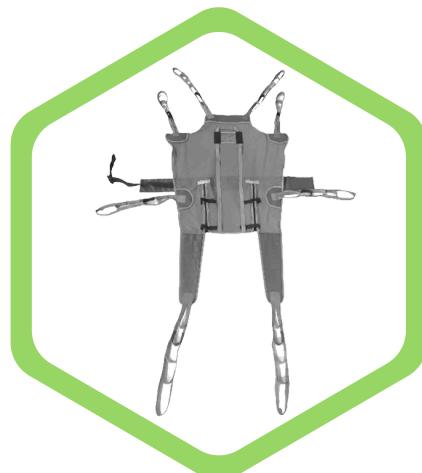


AURA: UNIVERSAL SUPPORT WITH SIMPLE DESIGN

The Aura Sling is a versatile, universal option for general transfers. Its extra-thick material also allows it to function as a light mattress, enabling the patient to remain comfortably on it while in bed or in a wheelchair. The compact design makes it suitable for supporting larger patients. The closed lower section provides additional coverage, while the neck support ensures safe and comfortable transfers to and from beds, wheelchairs, and cars. The adjustable zipper provides flexibility to accommodate different needs.

This sling is not recommended for use in the shower. If used in such environments, ensure it is thoroughly dried afterward. For restroom use, it is ideal. For detailed instructions, follow the operation steps provided.

Note: The Aura Sling is similar to the Luma Sling and differs only in the fabric material. For detailed instructions on use, follow the operation steps provided.



NOVA: Ordinary slings for daily use

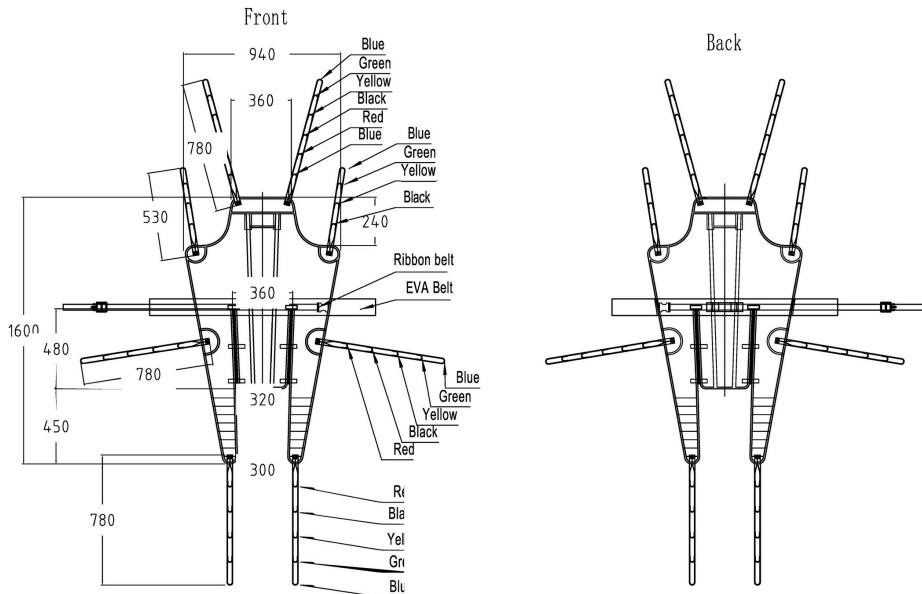
The Nova Sling is specifically designed for transfers requiring enhanced comfort and extended neck support, making it ideal for daily transport needs.

It features a closed lower section for added coverage and secure support. The reinforced neck support ensures stability during transfers between beds, wheelchairs, vehicles, or restrooms, providing a safe and comfortable experience for the patient.

The Nova Sling is suitable for everyday mobility, and custom modifications are available to accommodate individual patient requirements.



Sling Technical Specifications



Sling Size Chart and Color



	WEIGHT(KG)	CODE/SIZE	35	45	60	70	80	90	125	160	200	250	270
	A1-S												
	A2-M												
	A3-L												
	A4-XL												
	A5-XXL												
	C1-S												
	C2-M												
	C1-L												

ADULT	HEIGHT/CM	GIRT/CM	SIZE	COLOR BAND
A1	150-170	75-90	Small	Black
A2	160-180	85-100	Medium	Blue
A3	160-185	90-155	Large	Red
A4	170-195	145-175	XL	Yellow
A5	170-195	160-185	XXL	Green

Child	Height/cm	Girt/cm	Size	Colour Band
105-125	55-70	55-70	Small	Red
125-145	65-80	65-80	Medium	Yellow
145-155	70-85	70-85	Large	Green

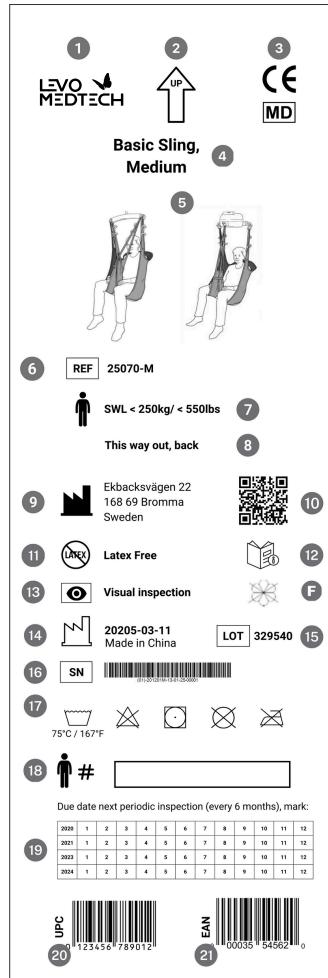
Labeling & Identification

The label on the sling contains the following:

1. Levomedtech company logo
2. "This way up" arrow and centerline marking on the sling
3. CE and MD certification markings
4. Product name and size indication
5. Illustration showing proper sling usage
6. Part number for identification
7. Safe Working Load specification
8. "This way out, back" – indicating the outer side not in contact with the client
9. Manufacturer details
10. QR code linking to our website
11. Latex-free material confirmation
12. "Read the manual before use" instruction
13. Visual inspection reminder
14. Production date and country of origin
15. Batch number for tracking
16. Serial number for identification
17. Washing instructions:
18. Machine wash at specified temperature



19. Do not bleach
20. Tumble dry on low heat
21. Do not dry clean
22. Never iron
23. Avoid using fabric softener
24. Owner identification space (e.g., client's name or unique identifier)
25. Indicate annual inspection
26. Unique Product Code
27. Barcode/EAN



System Compatibility & Safety Guidelines

Levomedtech slings are designed for use with all Levomedtech lifts and hanger bars/sling bars, ensuring seamless compatibility within our product ecosystem. They may also be used with products from other manufacturers that utilize the same attachment system for securing slings to the hanger bar and lift.

However, due to the wide variety of products available worldwide, Levomedtech cannot assume responsibility for any issues arising from improper use or combinations of slings, hanger bars/sling bars, and lifts from other manufacturers. Use of mixed systems is at the user's own risk and liability.

To ensure the safety of both the patient and caregiver, Levomedtech recommends the following minimum requirements:

Compatibility Between Slings and Lifts:

When using Levomedtech slings with lifts and hanger bars/sling bars from other manufacturers, ensure that the sling attachment method matches the hanger bar type. Loop-style slings should be paired with loop-style hanger bars/sling bars, while clip-style slings should be used with clip-style hanger bars/sling bars.

Levo Sling Bar / Hanger Bar for Levomedtech Lifts:

Levomedtech's specially designed hanger bars/sling bars offer three sizes in one. With a simple adjustment, the appropriate size can be selected to meet the patient's or user's needs.



CE Marking and Compliance:

All lifts and slings used must be CE-marked in accordance with the Medical Device Directive (MDD 93/42/EEC) or the upcoming MDR 2017/745, and must comply with the standard requirements for patient lifts as specified in EN ISO 10535.

Manufacturers' Instructions:

Caregivers must follow the manufacturer's guidelines and recommendations regarding the use, care, cleaning, inspection, and safe handling of both slings and lifts.

Maximum Load Capacity:

Different products within the combined lift system – including the lift, hanger bars/sling bars, slings, scales, and accessories – may have varying maximum load capacities. Always refer to the lowest allowable load indicated for each individual product in the system, as this determines the overall safe working load of the combined system.

Individual Risk Assessment:

A personalized risk assessment should be conducted prior to use, including a practical test to ensure that the sling size is suitable for the intended patient and compatible with the lift system's hanger bar design. This combination should be properly documented by a competent assessor.

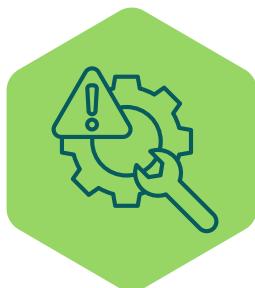
Safety Guidelines:

- Check that the patient is sitting securely in the sling before starting to lift.
- Check that the lift is balanced when moving, raising, or lowering the patient.
- If using a Levomedtech lift with a telescopic hanger bar/sling bar, ensure that the bar hooks are in the same position on both sides.
- Plan the moving and lifting process to maximize safety.
- Before raising the patient, verify that the sling is correctly attached to the lift's hanger bar/sling bars once the lift straps are stretched.
- Ensure that the hooks of the hanger bar are correctly positioned, with the opening of each hook facing upwards to securely hold the straps. Recheck the hook positions once the lift straps are stretched.
- Always confirm that the loops are at the bottom of all hooks and securely placed below the locking pin on each hook.
- Levomedtech slings are designed and tested for use with one patient at a time and must only be used for transferring a person. This product is not intended as a swing.
- Ensure that no sharp objects come into contact with the sling.



Troubleshooting

DESCRIPTION	ACTION
The client is at risk of sliding out	<ul style="list-style-type: none">• The sling may be too large.• The sling is not correctly positioned — ensure that the loops are stretched evenly.• The waist belt is not fastened correctly.
The client is unbalanced when lifted	The instructions on the individual test log have not been followed, or a new assessment must be carried out.
The sling is too small	This may be uncomfortable for the patient. The sling can dig into the patient's body, and/or the back may not receive adequate support.



Care Guidelines

Inspect for Wear and Damage

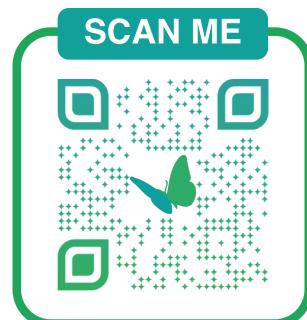
Regularly inspect the sling for any signs of wear or damage. Carefully examine the fabric, edges, seams, and lifting straps. If any part of the sling or associated lifting equipment shows signs of damage or deterioration, discontinue use immediately and replace the item before further operation.

Cleaning Instructions

To prevent the spread of infections or bacteria, it is essential to clean the sling thoroughly after each use. All slings should be washed and dried promptly, especially after exposure to moisture or wet conditions. Always refer to the sling's care label for specific washing and drying instructions.

Routine Checks

A comprehensive inspection of the sling should be carried out at least every six months. For detailed instructions and record-keeping templates, please refer to Levomedtech's Inspection Log, available on our website: www.levomedtech.com.



Expected Lifespan of the Sling

A sling is designed to last approximately 200 wash cycles, depending on factors such as frequency of use, maximum load, and adherence to proper washing procedures. This typically corresponds to about three years of service life if washed weekly, or up to five years if washed bi-weekly.

It is recommended to wash the sling separately in a hospital-grade laundry bag to prevent damage and maintain hygiene. If the product label becomes unreadable or detached, the sling should be immediately discarded and replaced.

Disposal and Recycling

Once the sling reaches the end of its service life, it should be disposed of as residual waste.

Sling Material Care Overview

- Polyester
- Polyester Net
- Trevira
- Polyester/Polyester
- Net Polyester/Cotton
- Cotton
- Polyester Tricot
- Coated Nylon



Washing Instructions & Disinfection Guidelines

Machine Wash (Padded Slings): Maximum temperature 60°C (140°F).

Machine Wash (Non-Padded Slings): Maximum temperature 75°C (167°F).

Drying Instructions

Tumble Dry, Low Heat: Maximum temperature 30°C – 54°C (86°F – 130°F).

Tumble Dry, Medium Heat: Maximum temperature 60°C (140°F).

Do Not Tumble Dry (if specified on the product label).

Additionell Care Instruktion

- Do not iron.
- Do not dry clean.
- Do not bleach.
- Do not use fabric softener.
- Do not wash (in specific cases, as indicated).
- Dispose of after use.



Desinfektion Guide-line

Levomedtech slings are designed for single-patient use.

To prevent the potential spread of infectious diseases, the sling must be disinfected if it becomes contaminated or if it is intended for use by another patient.

Approved Disinfectants

- Chemical Disinfection: Use 70% ethanol, 45% isopropanol, or a similar solution.
- Thermal Disinfection (Option 1): Wash at 65°C (149°F) for at least 10 minutes.
- Thermal Disinfection (Option 2): Wash at 71°C (160°F) for at least 3 minutes.

Note: For both thermal disinfection methods, add an additional 8 minutes to ensure full heat penetration of the fabric, followed by a rinse cycle

Solutions to Avoid

- Steam
- Sterilization
- Iodine-based
- Disinfectants Gas



Certifications & Compliance

CE Marking / EU MDR Certification

This product complies with the essential requirements of the applicable European Union regulations and is certified under the EU Medical Device Regulation (MDR).



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More Inquiries And Information About Us

Our sling range - Luma, Viva, Aura, and Nova, is carefully designed to deliver dependable support for patients across a wide spectrum of situations, from daily transfers to specialized needs such as toileting, showering, and transport.

Certifications:

CE/MDR and all required EN ISO. All Levomedtech slings are tested and certified in accordance with the required standards. For further details, please refer to the certifications conformity.

Rev No. 2026-01 | Product:
Levomedtech Patient Sling | Model:
Luma / Aura / Nova / Viva Basic | UDI-
DI: 697463134PLiftSingR3

