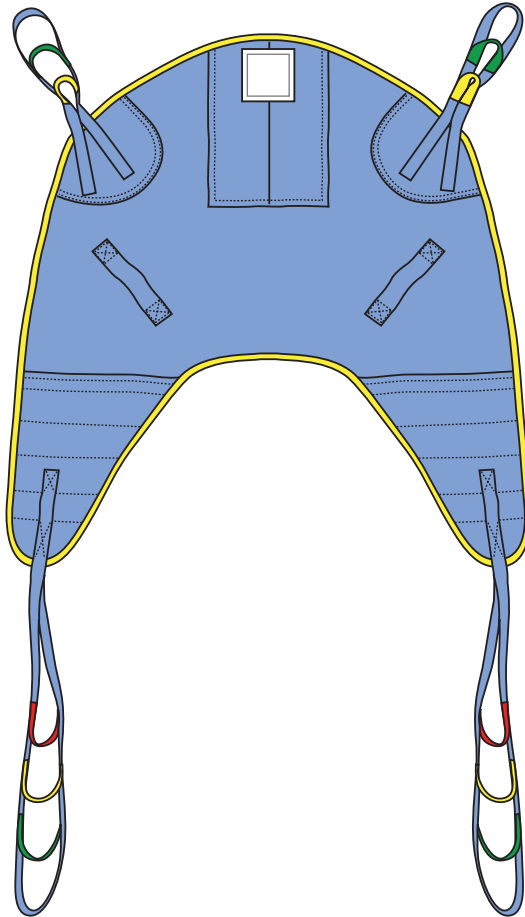


INSTRUCTIONS FOR USE

# Passive Loop Slings



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## WARNING



To avoid injury, always read this Instructions for Use and accompanied documents before using the product. Mandatory to read the Instructions for Use.

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## Foreword

**Thank you for purchasing Arjo equipment. Please read this *Instructions For Use (IFU)* thoroughly!**

Arjo will not be held responsible for any accidents, incidents or lack of performance that occur as a result of any unauthorized modification to its products.

### Customer Support

If you require further information, please contact your local Arjo representative. The contact information is located at the end of this *IFU*.

### Definitions in this IFU

#### WARNING

Means: Safety warning. Failure to understand and obey this warning may result in injury to you or to others.

#### CAUTION

Means: Failure to follow these instructions may cause damage to all or parts of the system or equipment.

#### NOTE

Means: This is important information for the correct use of this system or equipment.

# Intended Use

The *Passive Loop Slings* are products intended for assisted transfer of patients/residents with limited ability to move and require full or partially body support during transfers. The *Passive Loop Slings* must be used only on appropriate Arjo patient/resident lifting devices.

The sling made of mesh material (MLA4060) is also intended to be used when bathing.

The sling model MLAAS2000 is also intended to be seated on for periods of time between transfers.

Slings made of nonwoven material (MFA2000, MFA2100), referred to as Flites, is a patient specific, non-washable sling intended to be used for a limited period only. Flites must not be used for bathing and/or showering a patient.

*Passive Loop Slings* are especially designed for ceiling lifts, floor lifts and accessories made by Arjo.

The *Passive Loop Slings* shall only be used by appropriately trained caregivers with adequate knowledge of the care environment, and in accordance with the instructions outlined in the Instructions for Use (IFU).

The *Passive Loop Slings* is intended to be used in hospital environments, nursing homes and other healthcare facilities.

The *Passive Loop Slings* should only be used for the purpose specified in this Instructions for Use. Any other use is prohibited.

## Patient/Resident Assessment

We recommend that facilities establish regular assessment routines. Caregivers should assess each patient/resident according to the following criteria prior to use:

- Patient/resident sits in wheelchair
- Has no capacity to support himself/herself at all
- Cannot stand unsupported and is not able to bear weight, not even partially
- Dependent on caregiver in most situations
- Physically demanding for caregiver
- Stimulation of remaining abilities is very important

Or, for a patient/resident who:

- Is passive
- Might be almost completely bed ridden
- Often stiff or contracted joints
- Totally dependent on the caregiver
- Physically demanding for caregiver
- Stimulation and activation is not a primary goal

Safe Working Load (SWL) for *Passive Loop Slings*:

- MLAAS2000: 190 kg (418lb);
- MLA2000, MLA3000, MLA4060, MFA2000, MFA2100: 272 kg (600lb).

The right type and size of slings should be used after proper assessment of each patient/resident's size, condition and the type of lifting situation.

If the patient/resident does not meet these criteria an alternative equipment/system shall be used.

## Expected Service Life

The expected service life of *Passive Loop Slings* is the maximum period of useful life and is dependent on the actual use conditions. Therefore, before use, always make sure that the sling does not show signs of fraying, tearing or other damage (i.e. cracking, bending, breaking). If any such damage is observed, do not use the sling.

Flites are intended for a limited period only. By nature of its design, Flites must be treated as a disposable and resident specific product.

For washable *Passive loop slings*, the condition is affected by the number of washings, washing temperature, detergents, disinfectants, frequency of use, patient weight and/or other factors.

The following Life Times of the slings can be distinguished:

Expected Service Life:

- Flites – 2 weeks, based on 4 transfers per day
- Sling model MLAAS2000 – 1.5 years
- All other slings – 2 years

Shelf Life:

- 5 years

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# Safety Instructions

## WARNING

To avoid injury, make sure that the patient is not left unattended at any time.

## WARNING

To avoid injury, always assess the patient prior to use.

## WARNING

To avoid falling, make sure that the user weight is lower than the safe working load for all products or accessories being used.

## WARNING

To avoid injury, only store the equipment for a short period of time. If stored longer than stated in the *IFU*, it can cause weakness and breakage in the material.

## WARNING

To avoid injury, never let the patient smoke when using the sling. The sling can catch on fire.

## WARNING

To avoid injury, keep the equipment away from sun/UV-light. Exposure to sun/UV-light can weaken the material.

## WARNING

To avoid injury, never wash a Flites. A Flites is only intended for "single patient use".

## WARNING

These warnings are specific to the sling model MLAAS2000:

Patients sat out in a chair are at an increased risk of pressure injury development, due to high interface pressures concentrated over a small surface area when compared to lying in bed. An individualised skin and holistic assessment of the patient should be undertaken, before deciding on whether a sling should be left under a patient for any period of time.

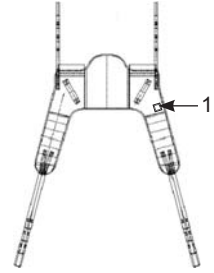
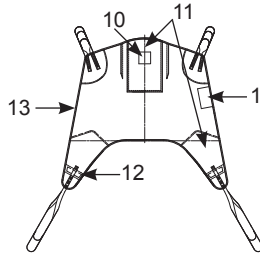
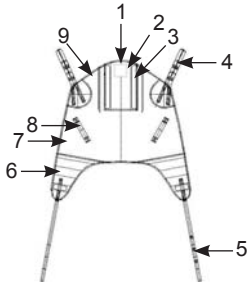
If the decision is to have the patient sit on the sling for any time period between transfers then an appropriate care plan must be established and should include regular skin inspection, paying particular attention to pressure points and frequent repositioning intervals which should be documented and based on the individuals level of risk for pressure injury development.

Consideration should also be given by the clinician as to any specific pressure relieving or redistribution surface that the patient/resident is sitting on and make sure that the sling is correctly positioned and adjusted (removing loops and clips clear of the seated patient) to make sure the sling does not affect the efficacy of the seat or cushion.

## Safety Practises

- At any time, if the patient becomes agitated, stop transferring/transporting and safely lower the patient.
- Patient with spasm can be lifted, but great care should be taken to support the patient 's legs.

# Parts Designation



1. Sling label (location on the outside of the sling)
2. Stiffener pocket
3. Stiffener
4. Shoulder strap with loops
5. Leg strap with loop
6. Leg flap
7. Body section
8. Pulling handle

9. Head section
10. Flites "Do NOT wash/use/lift" label (located on the outside of the sling)
11. Padding
12. Leg stiffener
13. Binding

*Example of slings. Not all models are represented.*

# Preparations

## Before First Use (6 steps)

1. Check all parts of the sling, see section “Parts Designation” on page 5. If any part is missing or damaged - Do NOT use the sling.
2. Read this IFU thoroughly.
3. Check that the sling is clean.
4. Choose a designated area where the IFU should be kept and easily accessible at all times.
5. Make sure to have a rescue plan ready in case of a patient emergency.
6. For questions, contact your local Arjo representative for support.

### NOTE

Arjo recommends the name of the patient is written on the sling care label to avoid cross contamination between patient s.

## Before Every Use (7 steps)

1. Patient assessment must always determine the methods used in everyday care, see “Intended Use” on page 3.

### WARNING

To avoid the patient from falling, make sure to select the correct sling size according to the IFU.

2. Check the allowed combinations against the sling, spreader bar and lift, see “Allowed Combinations” on page 7.


### WARNING

To avoid injury, always make sure to inspect the equipment prior to use.

3. Check all parts of the sling, see “Parts Designation” on page 5. If any part is missing or damaged - Do NOT use the sling. Check for:
  - fraying
  - loose stitching
  - tears
  - fabric holes
  - soiled fabric
  - damaged loops
  - unreadable or damaged label

### WARNING

To prevent cross-contamination, always follow the disinfection instructions in this IFU.

4. Check that the sling is clean. If the sling is not clean see “Cleaning and Disinfection” on page 14.
5. Always check the washing symbol on the Flites label. If the Flites has been washed, throw the Flites away. See “Flites – Do NOT wash” on page 14.
6.  If this symbol appears, do NOT use the Flites. The Flites label indicates it has been washed.
7. Before using the sling, read the lift IFU for transfer, transport and bathing.

## After every use

If the patient is leaving the hospital, throw away the patient specific Flites.

# Select Sling Size

## Using the Arjo Measuring Tape (4 steps) (Accessory)

The Arjo Measuring Tape is a sizing accessory only intended as a guide and is an approximation. Patient width and body proportions should also be considered when selecting the correct size of Arjo sling.

1. If possible, the patient should be in a seated position.
2. Place the point marked **A** on the measuring tape over the patient 's coccyx/against seat (position **A**). (See Fig. 1) and (See Fig. 2)

3. Measure from coccyx/seat (position **A**) to the top of the head (position **B**) (See Fig. 1).
4. The coloured area on the measuring tape that is levelled with the top of the patient 's head indicates the required sling size. If the sling size falls in between two sizes, it is recommended to select the smaller size. (See Fig. 2)

## Sizing Without a Measuring Tape (2 steps)

1. Place the sling over the patient 's back.
2. Make sure the sling covers the patient from the top of the head (position **B**) to the coccyx (position **A**). (See Fig. 1)

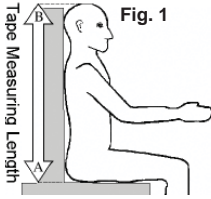
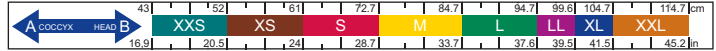


Fig. 1

Fig. 2



## Sling Selection

The patient's physical disabilities, weight distribution and general physique needs to be taken into consideration when selecting a sling.

### Transfer/Bathing

| Article number | Safe Working Load | Product Description    | Size        |
|----------------|-------------------|------------------------|-------------|
| MLA4060        | 272 kg (600 lb)   | Mesh with head Support | S, M, L, XL |

### Transfer/Transport

| Article number | Safe Working Load | Product Description  | Size             |
|----------------|-------------------|--|------------------|
| MLA2000        | 272 kg (600 lb)   | With Head support  | S, M, L, XL      |
| MLA2000A       | 272 kg (600 lb)   | With Head support  | M, L, XL         |
| MLAAS2000      | 190 kg (418 lb)   | With Head Support (intended to be seated on)               | S, M, L, XL      |
| MLA3000        | 272 kg (600 lb)   | Standard padded low back (quick fit)                       | S, M, L, XL,     |
| MFA2100        | 272 kg (600 lb)   | Flites with head support (Disposable and Patient Specific) | S, M, L, XL, XXL |
| MFA2000        | 272 kg (600 lb)   | Standard Loop Flites (Disposable and Patient Specific)     | S, M, L, XL,     |

Article numbers with "A-suffix" (e.g. MLA2000A) has a BAA (Buy American Act) compliant country of origin.

## Allowed Combinations

### WARNING

To avoid injury, always follow the allowed combinations listed in this IFU. No other combinations are allowed.

### Safe Working Load (SWL)

Always follow the lowest SWL of the total system. E.g. the *Minstrel lift/spreader bar* has a SWL of 190 kg (418 lb) and the MLA2000 has a SWL of 272 kg (600 lb). This means that the *Minstrel lift/spreader bar* has the lowest SWL. The patient is not allowed to weigh more than the lowest SWL.

|              |                     |                     |                     |                  |                     |                     |
|--------------|---------------------|---------------------|---------------------|------------------|---------------------|---------------------|
|              | <b>Lift</b>         | Minstrel            | Maxi 500            | Maxi Twin        |                     |                     |
|              | <b>SWL</b>          | 190 kg<br>(418 lb)  | 227 kg<br>(500 lb)  | 182 kg (401 lb)  |                     |                     |
|              | <b>Spreader Bar</b> | 4 point             | 2 point             | 2 point<br>Small | 2 point<br>Medium   | 4 point<br>Large    |
| <b>Sling</b> | <b>SWL</b>          | <b>Size</b>         | <b>Size</b>         | <b>Size</b>      | <b>Size</b>         | <b>Size</b>         |
| MLA2000      | 272 kg (600 lb)     | M, L, XL            | S, M, L, XL         | S, M             | S, M, L, XL         | M, L, XL            |
| MLA2000A     | 272 kg (600 lb)     | M, L, XL            | M, L, XL            | M                | M, L, XL            | M, L, XL            |
| MLAAS2000    | 190 kg (418 lb)     | M, L, XL            | S, M, L, XL         | S, M             | S, M, L, XL         | M, L, XL            |
| MLA4060      | 272 kg (600 lb)     | M, L, XL            | S, M, L, XL         | S, M             | S, M, L, XL         | M, L, XL            |
| MLA3000      | 272 kg (600 lb)     | M, L, XL            | S, M, L, XL         | S, M             | S, M, L, XL         | M, L, XL            |
| MFA2100      | 272 kg (600 lb)     | S, M, L, XL,<br>XXL | S, M, L, XL,<br>XXL | S, M             | S, M, L, XL,<br>XXL | S, M, L, XL,<br>XXL |
| MFA2000      | 272 kg (600 lb)     | M, L, XL            | M, L, XL *          | S, M             | S, M, L, XL         | M, L, XL            |

|              |                     |                    |                     |                                   |                     |                     |
|--------------|---------------------|--------------------|---------------------|-----------------------------------|---------------------|---------------------|
|              | <b>Lift</b>         | Maxi Move          |                     |                                   |                     | Maxi Sky 440        |
|              | <b>SWL</b>          | 125 kg<br>(275 lb) | 227 kg (500 lb)     |                                   |                     | 200 kg (440 lb)     |
|              | <b>Spreader Bar</b> | 2 point<br>Small   | 2 point<br>Medium   | 2 point loop<br>Walking<br>jacket | 4 point             | Fix                 |
| <b>Sling</b> | <b>SWL</b>          | <b>Size</b>        | <b>Size</b>         | <b>Size</b>                       | <b>Size</b>         | <b>Size</b>         |
| MLA2000      | 272 kg (600 lb)     | S, M               | S, M, L, XL         | S, M, L, XL                       | M, L, XL            | S, M, L, XL         |
| MLA2000A     | 272 kg (600 lb)     | M                  | M, L, XL            | M, L, XL                          | M, L, XL            | M, L, XL            |
| MLAAS2000    | 190 kg (418 lb)     | S, M               | S, M, L, XL         | S, M, L, XL                       | M, L, XL            | S, M, L, XL         |
| MLA4060      | 272 kg (600 lb)     | S, M               | S, M, L, XL         | S, M, L, XL                       | M, L, XL            | S, M, L, XL         |
| MLA3000      | 272 kg (600 lb)     | S, M               | S, M, L, XL         | S, M, L, XL                       | M, L, XL            | S, M, L, XL         |
| MFA2100      | 272 kg (600 lb)     | S, M               | S, M, L, XL,<br>XXL | S, M, L, XL,<br>XXL               | S, M, L, XL,<br>XXL | S, M, L, XL,<br>XXL |
| MFA2000      | 272 kg (600 lb)     | S, M               | S, M, L, XL         | S, M, L, XL                       | M, L, XL            | M, L, XL            |

|              |                     |                   |                 |                  |                  |
|--------------|---------------------|-------------------|-----------------|------------------|------------------|
|              | <b>Lift</b>         | Maxi Sky 600      | Maxi Sky 2      |                  |                  |
|              | <b>SWL</b>          | 272 kg (600 lb)   | 272 kg (600 lb) | 272 kg (600 lb)  | 272 kg (600 lb)  |
|              | <b>Spreader Bar</b> | 2 point<br>Medium | 2 point small   | 2 point medium   | 4 point          |
| <b>Sling</b> | <b>SWL</b>          | <b>Size</b>       | <b>Size</b>     | <b>Size</b>      | <b>Size</b>      |
| MLA2000      | 272 kg (600 lb)     | S, M, L, XL       | S, M            | S, M, L          | S, M, L, XL      |
| MLA2000A     | 272 kg (600 lb)     | M, L, XL          | M               | M, L             | M, L, XL         |
| MLAAS2000    | 190 kg (418 lb)     | S, M, L, XL       | S, M            | S, M, L          | S, M, L, XL      |
| MLA4060      | 272 kg (600 lb)     | S, M, L, XL       | S, M            | S, M, L          | S, M, L, XL      |
| MLA3000      | 272 kg (600 lb)     | S, M, L, XL       | S, M            | S, M, L          | S, M, L, XL      |
| MFA2100      | 272 kg (600 lb)     | S, M, L, XL, XXL  | S, M            | S, M, L, XL, XXL | S, M, L, XL, XXL |
| MFA2000      | 272 kg (600 lb)     | M, L, XL          | S, M            | S, M, L          | S, M, L, XL      |

\* Not for lift from floor.



# Loop Attachment & Detachment

## 2 point spreader bar:

First attach the shoulder loops, then attach the leg loops.

**4 point spreader bar:** First attach the shoulder loops in the front hooks. Then attach the leg loops in the back hooks

### WARNING

Do not cross the shoulder straps.

## Attach the Loops (5 Steps)

### WARNING

Use the same loop length (loop colour) for the shoulder straps and the same length (loop colour) for the leg straps.

1. Place the loop over the spring loaded latch (A). (See Fig. 3)
2. Pull the loop down to force the latch to open.
3. Make sure that the spring loaded latch closes completely with the loop inside. (See Fig. 3)
4. Make sure that the latch is moving freely.
5. Make sure loops and straps are not twisted.

### NOTE

The loop lengths on the straps are used to adjust the patient's position and comfort.

- Loops closer to the shoulders; more forward position
- Loops further away from the shoulders; more reclined position
- Loops closer to the legs; raised legs/bottom
- Loops further away from legs; lowered legs/bottom

## Detach the Loops (2 steps)

Make sure that the weight of the patient is taken up by the receiving surface before removing the loop.

### Method 1

1. Press the spring loaded latch open.
2. Remove the loop.

### Method 2

1. Pull one side of the loop over the hook and spring loaded latch. (See Fig. 4)
2. Pull down the loop. (See Fig. 5)

# Applying the Sling

## In Bed (22 steps)

1. Place the lift nearby.
2. Apply bed brakes and adjust the height of the bed to an ergonomic position, if possible.
3. The patient needs to lay down flat on his/her back.
4. Check that the stiffeners are completely inside the stiffener pockets, if any.
5. Fold the sling lengthwise along the centre line, outside facing outside. The sling label is located on the outside.

### WARNING

To avoid injury during log roll, make sure there is another caregiver present and/or use the side rails on the opposite side of the bed.

6. Log roll the patient. (Use local technique.) If log roll is not possible, use an Arjo sliding sheet/tube for placing the sling. See respective *Sliding sheet/ tube IFU*
7. Place the folded sling over the patient's side. Make sure that the centre line is aligned with the patient's spine, starting at the coccyx. Place the leg flaps towards the legs. (See Fig. 6)
8. Fold down the top of the sling and tuck it under the patient's body.
9. Log roll the patient to the other side.
10. Pull out the remaining part of the sling from under the patients body.
11. Return the patient to his/her back.

Continue with the steps on the next page.

Fig. 3

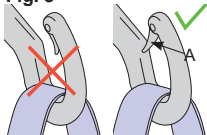


Fig. 4

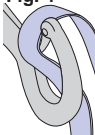


Fig. 5

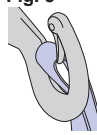


Fig. 6



12. Place the leg flaps underneath the patient's legs.
13. Make sure that the: **(See Fig. 7)**
  - sling is centred and flat without creases,
  - sling's head support covers the neck/head area, and
  - sling pieces are not twisted underneath the patient.
14. Cross the leg straps. Pull one strap through the other. **(See Fig. 8)**
15. Place the lift next to the patient and apply the brakes.

## WARNING

**To avoid injury to the patient, pay close attention when lowering or adjusting the spreader bar.**

16. Attach the sling. **(See Fig. 3)**
17. Make sure the patient's arms are:
  - **Sling with head support:** placed inside the sling.
  - **Low back sling:** placed outside the sling.
18. Slightly lift the patient to create tension in the sling. **(See Fig. 9)**

## WARNING

**To avoid the patient from falling, make sure that the sling attachments are attached securely before and during the lifting process.**

19. Make sure that:
  - All loops are securely attached
  - All straps are straight (not twisted)
  - The patient lays comfortably in the sling.
20. If an adjustment is needed, lower the patient and make sure that the weight of the patient is taken up by the receiving surface before removing the loops.
21. Release the brakes on the lift.
22. Transfer, transport and bathe the patient according to the lift *IFU*.

## In Chair/ Wheelchair (20 steps)

1. Place the lift nearby.
2. Apply the brakes on the wheelchair.
3. Check that the stiffeners are completely inside the stiffener pockets, if any.
4. Stand in front of the patient and lean the patient forward.
5. Place the sling over the patient's back and head with the inside of the sling against the patient. The sling label is located on the outside.
6. Make sure that the centre line is aligned with the patient's spine and coccyx.
7. Tuck in the end of the sling at the coccyx or against the seat. Use an Arjo sliding sheet/tube, if needed.
8. Lean the patient back.
9. Place the leg flaps underneath the patient's legs. **(See Fig. 10)**
10. Cross the leg straps. Pull one strap through the other. **(See Fig. 8)**
11. Make sure the: **(See Fig. 10)**
  - sling is centred and flat without any creases,
  - sling's head support covers the neck/head area, and
  - sling pieces are not twisted underneath the patient.
12. Place the lift in front of the patient.
13. Apply the brakes on the lift.

## WARNING

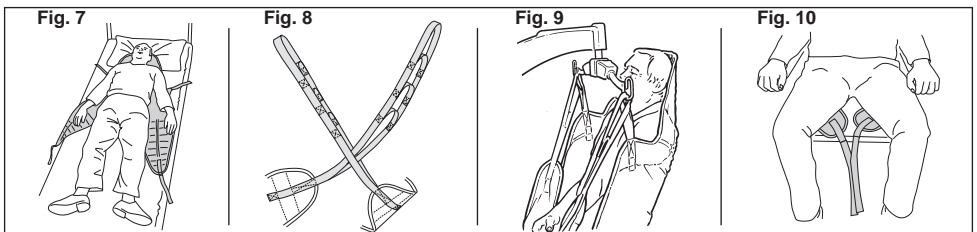
**To avoid injury to the patient, pay close attention when lowering or adjusting the spreader bar.**

14. Attach the sling. **(See Fig. 3)**
15. Make sure the patient's arms are:
  - **Sling with head support:** placed inside the sling.
  - **Low back sling:** placed outside the sling.

## WARNING

**Make sure straps are not caught by wheelchair or lift castors.**

*Continue with the steps on the next page.*



16. Slightly lift the patient to create tension in the sling. (See Fig. 11)

## WARNING

To avoid the patient from falling, make sure that the sling attachments are attached securely before and during the lifting process.

17. Make sure that:
- All loops are securely attached
  - All straps are straight (not twisted)
  - The patient lays comfortably in the sling.
18. If an adjustment is needed, lower the patient and make sure that the weight of the patient is taken up by the receiving surface before removing the loops.
19. Release the brakes on the lift.
20. Transfer/transport/bathe the patient according to the lift IFU.

## On Floor (35 steps)

1. Make a clinical assessment of the patient. Do not use the sling if the patient has a head, neck, spine or hip injury. Use a scoop stretcher instead. See the *Scoop Stretcher IFU*.
2. Place a pillow under the patient's head. (See Fig. 12)
3. Make sure the patient is in an area that is accessible for the lift. If needed, move the patient by using an Arjo sliding sheet/tube. See respective *Sliding sheet/tube IFU*.
4. Check that the stiffeners are completely inside the stiffener pockets, if any.
5. **If the patient is able to sit up, continue to next step. If not able to sit up, proceed to step 9.**
6. **Patient able to sit up:** Stand behind the patient and help him/her to a seated position.
7. Place the sling over the patient's back and head with the inside of the sling against the patient. The sling label is located on the outside.
8. Make sure that the centre line is aligned with the patient's spine, starting at the coccyx or against the seat. **Continue to step 18.**
9. **Patient not able to sit up:** Fold the sling lengthwise along the centre line, outside facing outside. The sling label is located on the outside.
10. Log roll the patient. (Use local technique) If log rolling is not possible, use an Arjo sliding sheet/tube for placing the sling. See respective *Sliding sheet/tube IFU*.
11. Place the folded sling over the patient's side. Make sure that the centre line is aligned with the patient's spine, starting at the coccyx.
12. Place the leg flaps towards the legs. (See Fig. 13)
13. Fold down the top of the sling and tuck it under the patient's body.
14. Log roll the patient to the other side.
15. Pull out the remaining part of the sling from under the patient's body.
16. Return the patient to his/her back.
17. Place the leg flaps underneath the patient's legs
18. Make sure that the: (See Fig. 14)
- sling is centred and flat without creases,
  - sling's head support covers the neck/head area,
  - sling pieces are not twisted underneath the patient.
19. Position the lift sideways with the lift legs wide open. One caregiver needs to be close to the patient's head and hair. The other caregiver needs to lift up the patient's legs.
20. Position one lift leg next to the patient's head and the other lift leg under the patient's legs. Make sure the spreader bar is positioned over the patient's shoulders. (See Fig. 15)
21. Lower the spreader bar.
22. Place the leg flaps underneath the patient's legs. Make sure the leg flaps are not twisted.
23. Attach the shoulder loops. (See Fig. 3)
24. Cross the leg straps. Pull one strap through the other. (See Fig. 8)
25. Make sure the patient's arms are:
- **Sling with head support:** placed inside the sling.
  - **Low back sling:** placed outside the sling.

Continue with the steps on the next page.

Fig. 11

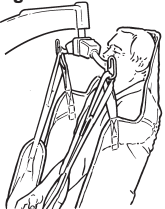


Fig. 12



Fig. 13

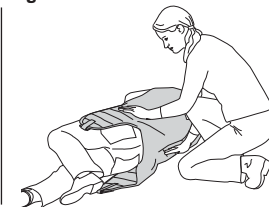


Fig. 14



## **WARNING**

**To avoid injury to the patient, pay close attention when lowering or adjusting the spreader bar.**

26. Move the lift/spreader bar closer to the patient's legs.
27. Attach the leg loops.
28. Apply the brakes on the lift.
29. Slightly lift the patient to create tension in the sling

## **WARNING**

**To avoid the patient from falling, make sure that the sling attachments are attached securely before and during the lifting process.**

30. Make sure that:
  - All loops are securely attached
  - All straps are straight (not twisted)
  - The patient lays comfortably in the sling.

31. If an adjustment is needed, lower the patient and make sure that the weight of the patient is taken up by the receiving surface before removing the loops.
32. Make sure that:
  - One caregiver pays attention to the patient's head and.
  - that the other caregiver holds up the patient's feet to prevent them from hitting the lift leg.
33. Remove the pillow.
34. Release the brakes on the lift and bring the lift legs together.
35. Transfer, transport and bathe the patient according to the lift IFU.

# Removing the Sling

## In Bed (13 steps)

1. Position the patient over the bed. (See Fig. 16)
2. Apply bed brakes and adjust the height of the bed to an ergonomic position, if possible.

### WARNING

To avoid injury to the patient, pay close attention when lowering or adjusting the spreader bar.

3. Lower the patient onto the bed.
4. Make sure that the weight of the patient is taken up by the receiving surface before removing the loops.
5. Detach the sling.
6. Move the lift away from the patient.
7. Pull out the leg flaps from under the patient's legs. (See Fig. 14)
8. If using sling model MLAAS2000 and leaving it under the patient, make sure to place the sling straps along the side of the patient's body. This prevents the straps from getting caught in other

Fig. 15



Fig. 16

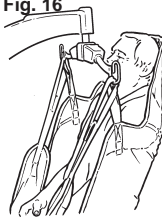
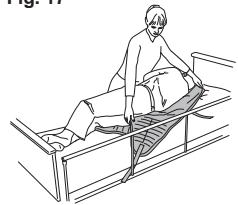


Fig. 17



## In Chair/Wheelchair (11 steps)

1. Apply the brakes on the wheelchair.
2. Position the patient over the chair/wheelchair.
3. Lower the patient into the chair/wheelchair.
4. Make sure that the patient's lower back is positioned all the way in against chair/wheelchair to prevent the patient from sliding out.

### WARNING

To avoid injury to the patient, pay close attention when lowering or adjusting the spreader bar.

5. Detach the sling. Make sure that the weight of the patient is taken up by the receiving surface before removing the loops.
6. Move the lift away from the patient
7. Pull out the leg flaps from under the patient's legs and place them backwards along the patient's side. (See Fig. 18).
8. If using sling model MLAAS2000 and leaving it under the patient, make sure to place the sling straps along the side of the patient's body. This

objects.

### WARNING

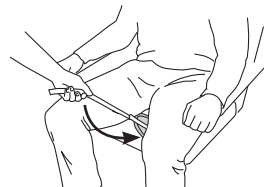
To avoid injury during log roll, make sure there is another caregiver present and/or use the side rails on the opposite side of the bed.

9. Log roll the patient. (Use local technique) If log rolling is not possible, use an Arjo sliding sheet/tube for removing the sling. See respective *Sliding sheet/tube IFU*.
10. Tuck the sling under the patient's body.
11. Log roll the patient to the other side and remove the sling. (See Fig. 17)
12. Return the patient to his/her back.
13. Make sure the patient is in a comfortable and secure position in the bed.

prevents the straps from getting caught in the wheels of the wheelchair.

9. Stand in front of the patient and lean the patient forward.
10. Pull out the sling and lean the patient back up to a comfortable and secure position.
11. Lean the patient back up to a comfortable and secure position.

Fig. 18



# Cleaning and Disinfection

## WARNING

To prevent cross-contamination, always follow the disinfection instructions in this IFU.

## WARNING

To avoid material damage and injury, clean and disinfect according to this IFU.

- No other chemicals are allowed.
- Never clean with chlorine.
- Chlorine will deteriorate the surface of the material.

## WARNING

To avoid injury, always remove the sling before disinfecting the lift.

## WARNING

To avoid injury, never wash a Flites. A Flites is only intended for "single patient use".

All *Passive Loop* slings, except the Flites, should be cleaned when they are soiled and stained and between patients.

## Cleaning Instruction (7 steps)

### (NOT Flites)

1. Detach the sling from the lift.
2. Remove the stiffeners from the stiffener pockets, if any.
3. Close all buckles and hook and loop attachment on the slings and belts prior to washing.
4. Check the symbols on the product label for cleaning recommendations.
5. Machine wash the sling at 70°C (158°F). In order to obtain sufficient level of disinfection, please wash according to local hygiene legislation. If allowed according to the product label, tumble dry in low temperature, max 60°C (140°F).
6. **Do NOT**

- wash with rough surfaces or sharp objects
  - steam
  - use any mechanical pressure, pressing or rolling
  - use bleach
  - use gas sterilization
  - use autoclave
  - dry clean
  - ironing
7. Place the stiffeners back into the stiffener pockets, if any, before use.

## Flites – Do NOT wash

The Flites is for single patient use.

Do NOT clean, wash, disinfect, wipe or sterilize the Flites. If the Flites has been subjected to any such treatment, it shall be discarded.

The Flites is marked with the "Do NOT wash" symbol. (See Fig. 19)

If the Flites is washed, the "Do NOT use/lift" symbol will appear. (See Fig. 20)

Fig. 19



Fig. 20



## Cleaning Chemicals

For all slings (NOT Flites) use common commercial detergent without optical brightener.

No other chemicals are allowed e.g. chlorine, softener, iodine based disinfectants, bromine and ozone.

## Disinfection

The only allowed disinfection is disinfection by washing.

This does not apply to the Flites. Do NOT clean, wash or disinfect the Flites.

# Care and Preventive Maintenance

## WARNING

To avoid injury to both patient and caregiver, never modify the equipment or use incompatible parts.

## Before and After Every Use

### Visually check all exposed parts

The caregiver shall inspect the sling before and after every use. The complete sling should be checked for all deviations listed below. If any of these deviations are visible, replace the sling immediately.

- Fraying
- Loose stitching
- Tears
- Holes
- Discolouration and stains from bleaching
- Sling soiled or stained
- Unreadable or damaged label
- For all slings (not the Flites): If the sling is soiled or stained - wash the sling according to section *"Cleaning and Disinfection"* on page 14. If the soil or stains are still visible, replace the sling immediately.
- For Flites: Make sure the "Do NOT wash" symbol on the head support is intact. If damaged or missing and the underlying red "Do NOT use/lift" symbol appears, replace the sling immediately. See *"Label on the Sling"* on page 18.

## When Soiled, Stained and Between Patients

### Clean/Disinfect, All slings except the Flites

The caregiver should make sure that the sling is cleaned according to *"Cleaning and Disinfection"* on page 14, when it is soiled or stained and between patients.

### Flites

Washing or disinfection is not allowed. Do not wipe, sterilize or soil the Flites. If the Flites has been subjected to any treatment, it shall be discarded.

## Storage

When not in use, the slings should be stored away from direct sunlight where they are not subject to unnecessary strain, stress or pressure, or to excessive heat or humidity. The slings should be kept away from sharp edges, corrosives or other things that could cause damage on the sling.

## Service and Maintenance

It is recommended that qualified personnel inspect the condition of the sling twice a year (every 6 month), according to ISO 10535.

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# Troubleshooting

| Problem   | Action   |
|---|--|
| The patient is not positioned correctly in the sling (e.g. one strap is shorter than the other).                  | <ul style="list-style-type: none"> <li>• Make sure that both shoulder loops are attached to the spreader bar at the same loop length.</li> <li>• Make sure that both leg loops are attached to the spreader bar at the same loop length.</li> <li>• Make sure the straps are not twisted.</li> <li>• Make sure the patient is seated on the inside of the sling. The outside has a label for reference.</li> <li>• Make sure the patient is centred in the sling.</li> </ul> |
| The patient feels discomfort in the leg area when seated in the sling.  | Make sure that there are no creases on the leg flaps of the sling.   |
| The sling is difficult to apply (e.g. during log roll).   | Use an Arjo sliding sheet/tube according to instructions in respective <i>IFU</i> .  |
| There are difficulties applying the shoulder loops.   | <ul style="list-style-type: none"> <li>• Place the patient in a more seated position in the bed or on the floor. Place a pillow behind the patient's neck/back, outside of the sling.</li> <li>• Raise the back rest of the bed, if available.</li> <li>• Adjust the spreader bar to a more reclined position. Pay attention to the patient's head.</li> </ul>   |
| There are difficulties applying the leg loops.  | <ul style="list-style-type: none"> <li>• Bend the patient's legs or place a pillow under the patient's knees. If the sling is applied on the floor, place the patient's legs on the caregiver's knee.</li> </ul>   |
| It is difficult to use the sling in combination with the lift and spreader bar.                                   | Use the sling only in accordance with the combinations described in section " <i>Allowed Combinations</i> " on page 7.   |
| The position of the patient in the sling should be more reclined or seated.                                       | Adjust the loop lengths. For example, loops closer to the shoulders result in a more forward position.   |
| The patient wishes to have extra support for the neck.  | Place a pillow behind the patient's neck, inside the sling.  |
| The Flites is soiled, stained or wet.   | Dispose the Flites and replace it with a new one.  |
| The Do not wash label is damaged or missing and the underlying red "Do not use/lift" label appears on the Flites. | Dispose the Flites and replace it with a new one.  |

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# Technical Specifications

| General   |  |
|---|--|
| Safe working load (SWL) = Maximum total load                | See "Allowed Combinations" on page 7-7   |
| Service life – Recommended period of use                    | Sling model MLAAS2000: 1.5 years*<br>Flites: 2 weeks, based on 4 transfers/day*<br>All other slings: 2 years*<br>* Refer to "Expected Service Life" on page 3. |
| Shelf life – Maximum period of storing new unpacked product | 5 years  |
| Model and Type  | See "Sling Selection" on page 7  |

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| Operating, Transport and Storage Environment |  |
|--|--|
| Temperature                                  | 0°C to +40°C (+32°F to +104°F) Operating and Storage<br>-25°C to +60°C (-13°F to +140°F) Transport |
| Humidity                                     | 15–70% at +20°C (68°F) Operating and Storage<br>10–95% at +20°C (68°F) Transport                   |

| Recycling (The device should be recycled according to national regulations.) |  |
|--|--|
| Package  | The bag consists of soft plastic, recyclable to local legislations.  |
| Sling  | The sling consists of both plastics and textiles and is not recyclable as an entity. If the parts are separated they might be recyclable according to local legislation. |

| Parts and Accessories |                            |
|-----------------------|----------------------------|
| Stiffeners            | GX21270, TBS102 and TBS103 |
| Measuring tape        | MTA1000                    |

| Weight     | Kg (lb)     |             |             |             |             |
|------------|-------------|-------------|-------------|-------------|-------------|
|            | S           | M           | L           | XL          | XXL         |
| MLA2000(A) | 0.84 (1.85) | 0.88 (1.94) | 0.94 (2.07) | 1.00 (2.20) | –           |
| MLAAS2000  | 0.57 (1.26) | 0.60 (1.32) | 0.64 (1.41) | 0.66 (1.46) | –           |
| MLA3000    | 0.79 (1.74) | 0.82 (1.81) | 0.88 (1.94) | 0.94 (2.07) | –           |
| MLA4060    | 0.70 (1.54) | 0.75 (1.65) | 0.81 (1.79) | 0.85 (1.87) | –           |
| MFA2100    | 0.42 (0.93) | 0.46 (1.01) | 0.52 (1.15) | 0.58 (1.28) | 0.63 (1.39) |

# Label on the Sling

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| Care and Washing Symbols |  |
|--------------------------|--|
|                          | Machine wash 70°C (158°F)                        |
|                          | No bleaching allowed                             |
|                          | No tumble drying allowed                         |
|                          | Tumble drying<br>Does not apply to Flites        |
|                          | No ironing allowed                               |
|                          | Do NOT wash the Flites<br>Only applies to Flites |
|                          | No dry cleaning allowed                          |

| Certificates/Markings |  |
|-----------------------|--|
|                       | CE marking in accordance with the Medical Devices Directive 93/42/EEC. The equipment has been tested and fulfils all essential requirements. |

| Flites Symbols |  |
|----------------|--|
|                | Only on Flites. (Disposable and patient specific)  |
|                | “Do NOT wash” symbol. Located on the outside of the sling.                                 |
|                | “Do NOT use/lift” symbol. The Flites has been washed. Located on the outside of the sling. |

| Symbol for Loop |                          |
|-----------------|--------------------------|
|                 | Use a loop spreader bar. |

| Article Number  |   |
|-----------------|---|
| REF<br>XXXXXX-X | Article number with -X refers to the sling size.  |
| REF<br>XXXXXXX  | If the article number is stated without the size letter at the end, it means the sling is a One Size. |

| Fibre Content |               |
|---------------|---------------|
| PES           | Polyester     |
| PE            | Polyethylene  |
| PP            | Polypropylene |

| Misc. Symbols |                                |
|---------------|--------------------------------|
|               | Safe Working Load (SWL)        |
|               | Patient's name symbol          |
|               | Record symbol                  |
|               | Read the <i>IFU</i> before use |
| REF           | Article number                 |
|               | Manufacturing date and year    |
|               | Manufacturer name and address  |

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Address page - REV 24: 04/2019

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With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure ulcers and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.



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