

CALYPSO

Instructions for Use



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Foreword

Thank you for purchasing ArjoHuntleigh equipment.

Your *Calypso* lift and hygiene chair is part of a series of quality products designed especially for hospitals, nursing homes and other health care use.

We are dedicated to serving your needs and providing the best products available along with training that will bring your staff maximum benefit from every ArjoHuntleigh product.

Please contact us if you have any questions about the operation or maintenance of your ArjoHuntleigh equipment.

Please read this manual thoroughly!

Please read this manual in its entirety before using your *Calypso* lift and hygiene chair. Information in the manual is crucial to the proper operation and maintenance of the equipment, and will help protect your product and ensure that equipment performs to your satisfaction. Some of the information in this manual is important for your safety and must be read and understood to help prevent possible injury. ArjoHuntleigh strongly advise and warn that only ArjoHuntleigh designed parts, which are designed for the purpose, should be used on equipment and other appliances supplied by ArjoHuntleigh, to avoid injuries attributable to the use of inadequate parts.

Unauthorized modifications on any ArjoHuntleigh equipment may affect its safety. ArjoHuntleigh 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.

Service and Support

A service routine must be performed on your *Calypso* every year by ArjoHuntleigh authorized service personnel to ensure the safety and daily operation of your product.

See chapter *Care and Maintenance*.

If you require further information, please contact your local ArjoHuntleigh representative who can offer comprehensive support and service programs to maximize the long-term safety, reliability and value of the product. Contact your local ArjoHuntleigh representative for replacement parts.

Your service representative stocks the parts you will need.

The telephone number appears on the last page of this manual.

Definitions in this manual:

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.

NOTE

Means:

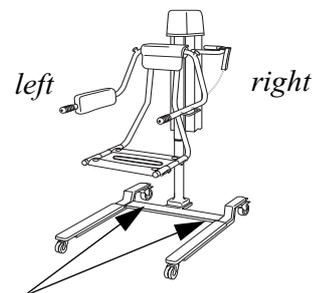
This is important information for the correct use of this system or equipment.



Means:

The name and address of the manufacturer

The directions *right* or *left* in this manual are given as below



Driving direction



8418751A

Safety Instructions

The equipment must be used in accordance with these safety instructions. Anyone using the equipment must also have read and understood the instructions in this manual. If there is anything you are not sure about, contact your ArjoHuntleigh representative.

Intended use

This equipment is intended for lifting and transporting residents to and from a bathroom in a care facility and to assist with the bathing process. Calypso must be used by appropriately trained caregivers with adequate knowledge of the care environment, its common practices and procedures, and in accordance with the guidelines in the *Instructions for Use*.

Resident assessment

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

- The resident's weight should not exceed 136kg / 300 lbs.
- The resident should be active or semi-active (i.e. able to sit upright self supported on the side of a bed or toilet).
- The resident should understand and respond to instructions to stay seated in an upright position.

If a resident does not meet these criteria an alternative lift must be used.

The expected life time of this equipment, unless otherwise stated, is ten (10) years, subject to preventative maintenance being carried out in accordance with the instructions for care and maintenance found in this manual.

NOTE

Modifications made to the equipment without expressed written consent of ArjoHuntleigh will invalidate the supplier's product liability.

WARNING

Never leave the resident unattended at any time. Ensure that the resident does not pull or hold on to stable objects such as grab rails, sinks and other equipment at any time.

WARNING

Make sure Calypso is completely clear of all other surrounding devices, baths and furniture when the resident and/or the lift are being raised or lowered. Make sure Calypso is at least 30 cm (1 foot) away from the bath tub.

WARNING

The safety belt must be used at all times to make sure the resident remains in an upright position in the middle of the seat. The safety belt must be attached to the seat of Calypso on the same side as the back rest and securely buckled.

WARNING

Before lifting Calypso out of the water after a bath, re-position the resident if needed to ensure that the resident is sitting upright in the centre of the chair!

NOTE

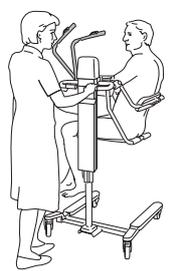
All materials used in Calypso lift and hygiene chair complies with established biocompatibility standards and have been tested accordingly (ISO 10993-5). The body supported material in the seat and back rest is PUR (polyurethane)

Warnings

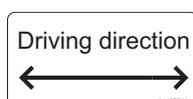
To avoid the possibility of injury always ensure that:

- the equipment is used by appropriate trained staff.
- Calypso is moved with care, especially in narrow passages, over bumps etc. and that the resident safety straps are secured.
- the chair is kept at a low level during transportation to achieve better stability.
- Calypso is lowered to the lowest possible height immediately after removing the resident.

When positioning Calypso, do not stand in the direction of the movement of the hand rest. An unexpected movement of the arms upwards by the resident can injure the caregiver.



- the castors and brakes work freely.
- the castors are locked on Calypso during resident transfer from/to bed etc. and when Calypso is stationary.
- bed castors are locked during resident transfer from/to bed.
- the safety straps are in good condition and properly fastened.
- all screws are tightened.
- the hydraulic system is working smoothly (raising and lowering).
- there are no sharp edges or parts coming in contact with residents.
- drain covered areas need to be smooth and levelled with the floor in order to move the lift safely.
- the slope of the floor does not exceed the ratio 1:50.



Calypso should be moved in the correct direction:

- the Calypso is always moved in the right direction. The lift has a lower stability and can tilt when moved in the wrong driving direction. Always move the lift in the right direction.

When the scale (accessory) is mounted on Calypso:

- there could be a risk of getting jammed between the scale base and the swivelling castors. Keep this area free.

Battery charger safety practices:

- The charger is designed for dry areas only and for normal air humidity conditions.
- Don't expose the charger to water or dust.
- Do not cover the charger.

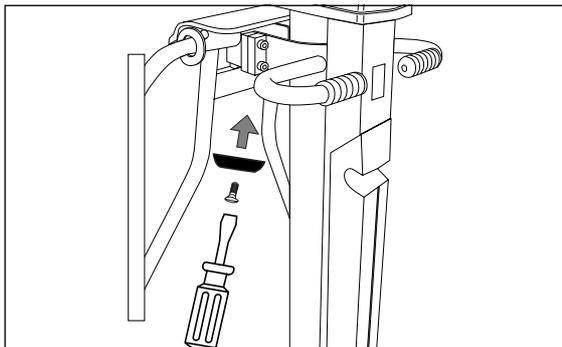
Battery safety practices:

- Use only the charger supplied with the equipment.
- Do not charge batteries in a sealed container.
- Be careful not to drop the battery.
- Do not place batteries near a heat source or fire.
- Do not short-circuit the battery.
- Do not store batteries at a temperature higher than 50 °C (122 °F).
- Do not crush, puncture, open, dismantle or otherwise mechanically interfere with the batteries.
- Should the battery casing crack and inside content come in contact with skin or clothing, rinse immediately with water. If content comes in contact with the eyes, rinse immediately with plenty of water and seek medical attention.
- Inhalation of the content can cause respiratory irritation. Sensitivity of nickel can cause allergic asthma. Provide fresh air and medical attention.
- Contact the appropriate local authority for advice when disposing of batteries.
- Check labels on the battery. Don't expose the batteries or chargers to flames.
- Don't expose the battery connector to water
- Don't use the charger in the presence of inflammable anaesthetic gases.

Preparations

Actions before the first use

- 1 Visually check the package for damage.
If the product is suspected to be damaged make a complaint to the delivery agency and contact the Calypso product sales office.
- 2 The packaging should be recycled according to local regulations.
- 3 Check that all parts of the product are supplied.
Compare with the product description in this manual. If any part is missing or damaged - do not use the product!
- 4 Mounting of the enclosed spacer:
The spacer that is mounted on Calypso when delivered, is adapted to the depth of Arjo-Huntleigh Bath Systems.
For deeper baths only: To get a deeper immersion, remove one of the two mounted spacers on Calypso
Be careful not to damage the surface of the tub.



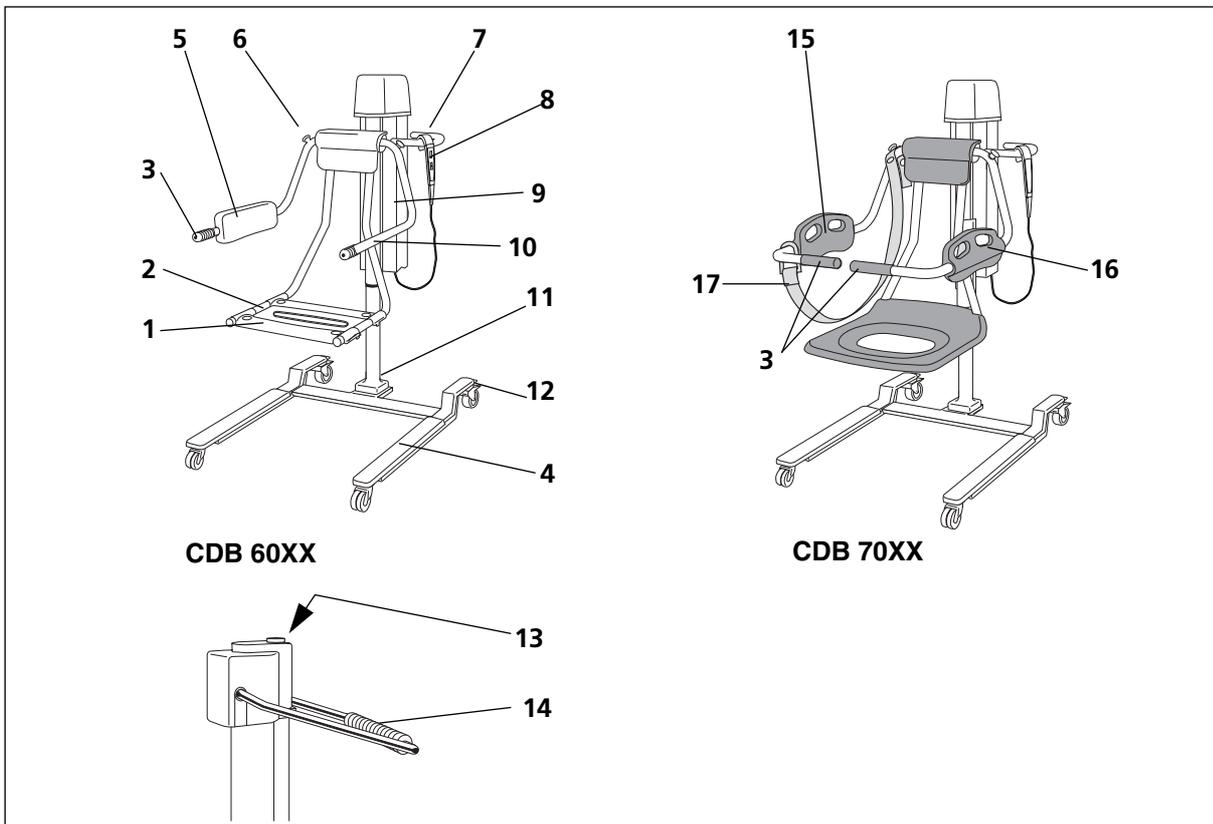
- 5 Unpack the battery charger. See “installation and charging batteries”.
- 6 Charge each battery for 24 hrs.
- 7 Clean the product according to “cleaning instructions”.
- 8 Find a dry area, dry with good ventilation for storing the lift.
- 9 Choose a designated area, where the operating manual should be kept, accessible at all times for the user.s
- 10 If you have any questions, please contact your local ArjoHuntleigh representative for support and service. The contact numbers appear on the last page of this manual.

Actions before every use

- 1 Check that all parts of the lift are in place.
Compare to “*Part Designations*” in this manual.

Part designations

- 1 Two-part hygiene seat
- 2 Seat insert
- 3 Transport handles
- 4 Footrest
- 5 Back rest
- 6 Knob for attachment of safety strap
- 7 Manoeuvring handle
- 8 Hand control (Electrical)
- 9 Battery (Electrical)
- 10 Hand rest
- 11 Pillar
- 12 Castor brake
- 13 Lowering button (Hydraulic)
- 14 Hand pump for raising (Hydraulic)
- 15 Back rest/Hand rest left
- 16 Back rest/Hand rest right
- 17 Safety straps



Product description/function

Manual raising and lowering (1)

- Calypso is raised by using the hand pump. Pump evenly, using the full range of movement.
- Calypso is lowered by pressing the lowering button.

Electric raising and lowering (2)

Unhook the hand control from its holder.

- To raise Calypso, press the “up” arrow button on the hand control.
- To lower Calypso press the “down” arrow button.

Safety belt (3)

The safety belt should be used all the time when the resident is being moved.

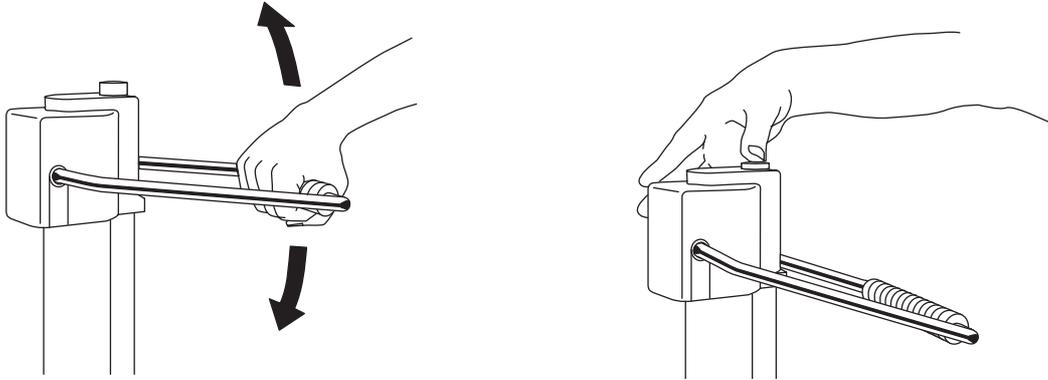
- a Attach the belt to the transport handle.
- b Place it in front of the resident and fasten it to the knob.

WARNING

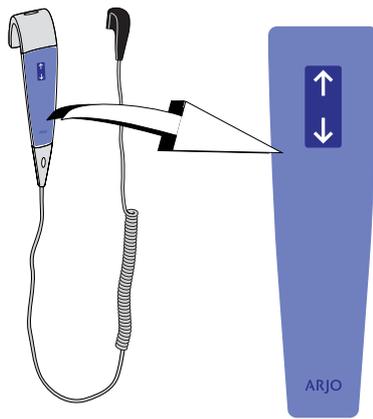
There is a risk of getting squeezed when raising/lowering the handle bars. Keep this area free during adjustments.



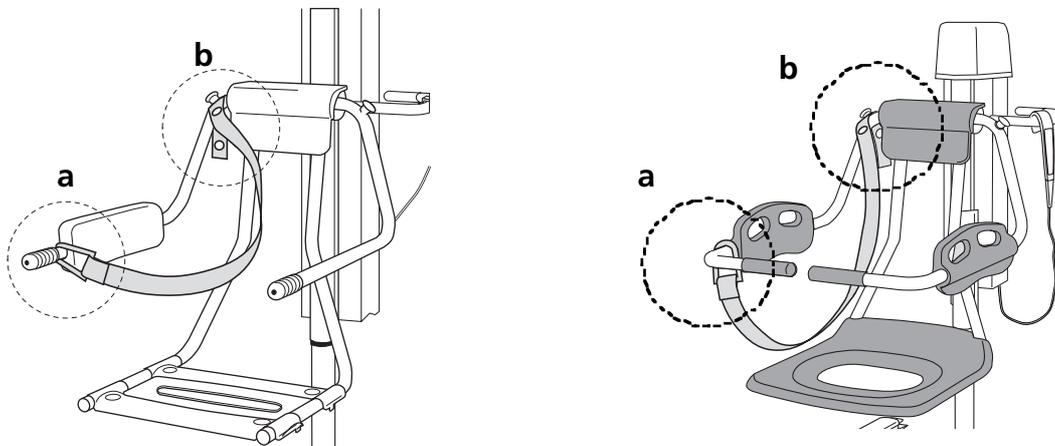
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Back rest (1)

- The hand rest/back rest can be pushed backwards.
- *Only CDB60XX model.* The back rest can be used on either side depending on which side the resident will be transferred from. It is detached by pushing at the rim straight out. Put it on the actual side and snap it in place.

Seat (2)

Only CDB60XX model.

- The seat insert can be taken out by grabbing it the middle and pulling it straight up.
- a** The seat is in two parts. The front is pulled out by grabbing the frame underneath and at the same time pressing upwards with the wrists until it comes loose.
- b** The back is pulled out by grabbing the frame on top and pressing upwards with the wrists until it comes loose.

The seat cushion (3)

- The seat cushion is only to be used together with the seat insert. First attach one of the strips to the front of the seat. Stretch the seat cushion and attach the other strip to the back of the seat.

WARNING

The centre seat insert must be used together with the seat cushion. Failure to follow these instructions may result in injury of the resident.

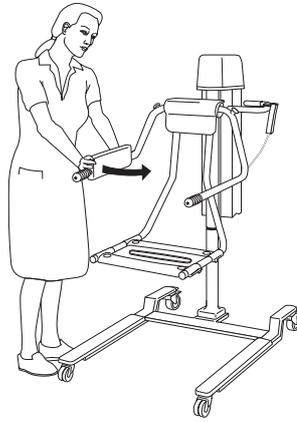
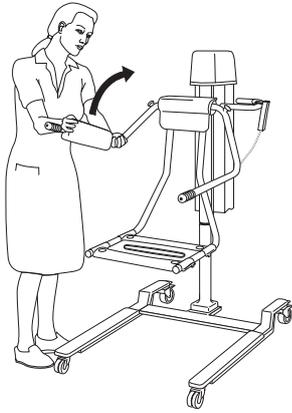
NOTE

**Only CDB 70XX.
The body supported material in the seat and back rest is PUR (polyurethane)**

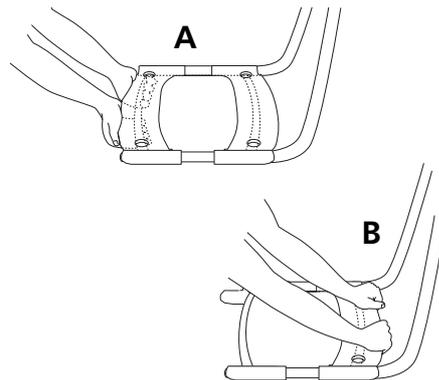
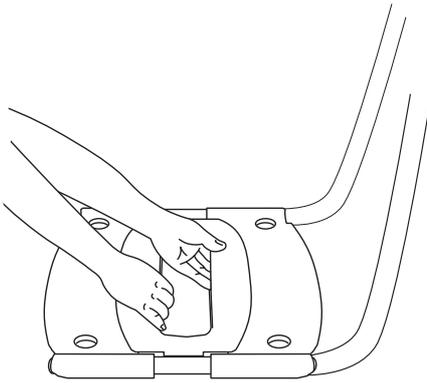
Castor brakes (4)

- The brakes on the castors will be activated by pressing the castor lock tab (**A**) with your foot.
- The brakes are released from the castors by pressing down the centre tab (**B**).

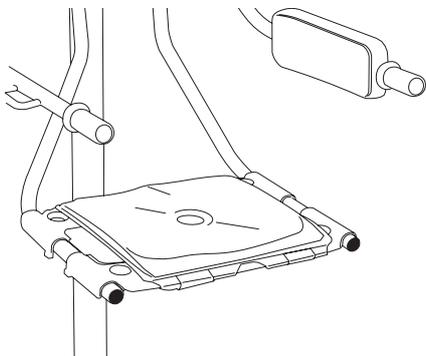
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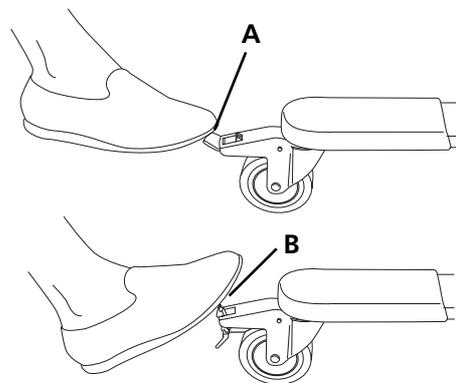
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3



4



Emergency Stop (1)

If, for any reason, *Calypso* does not respond to the control buttons, you can quickly stop lift movement by pressing the button on the battery and disconnect it **(1)**.

Contact your local ArjoHuntleigh representative before re-using *Calypso*.

Emergency High/Low (2-3)

If, for any reason, *Calypso* does not respond to the control buttons, raise or lower *Calypso* by using the Emergency High/Low

- a Unplug the hand control **(2)**.
- b Control *Calypso* by pressing a blunt, thin object into the holes at the panel. (i.e. a pen) **(3)**.
 - Press it into the hole next to the “up arrow” in order to raise *Calypso*.
 - Press it into the hole next to the ”down arrow” in order to lower *Calypso*.

NOTE

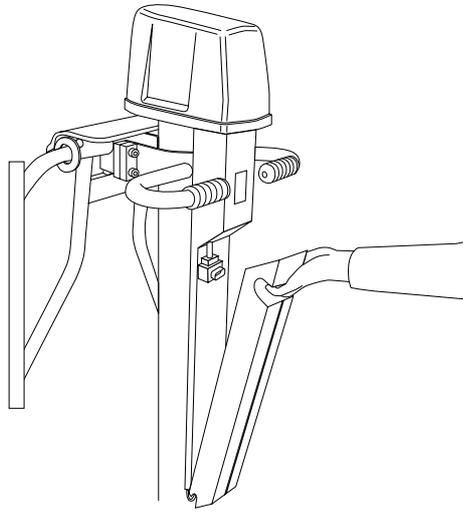
A continuous beeping sound is heard during the “up” and “down” action movement.

Contact your local ArjoHuntleigh representative before re-using *Calypso*.

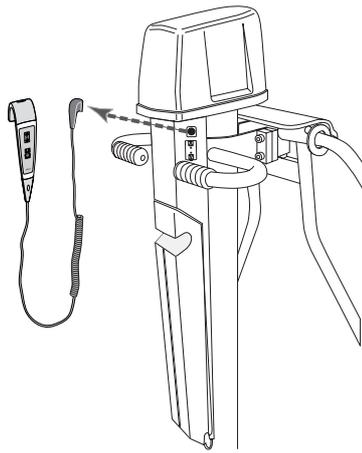
CAUTION

Do not use a sharp tipped object to press into the holes.

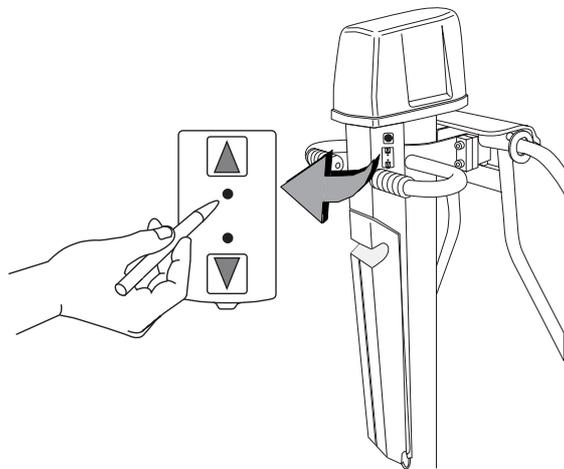
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Accessory description

Battery charger (1)

See instruction on page 26.

Scale (2) (optional)

See separate scale instructions.

Bedpan and bedpan holder (3-4) (optional)

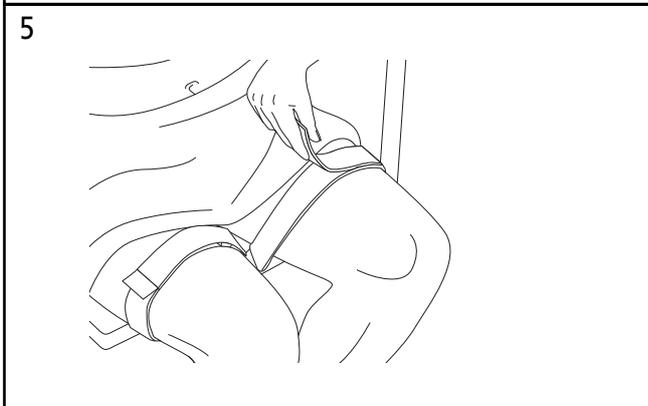
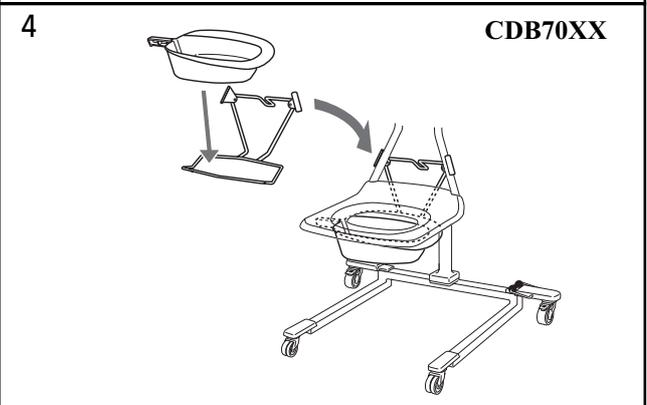
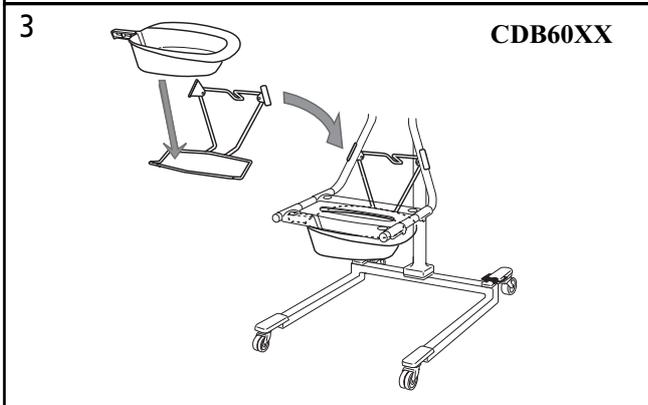
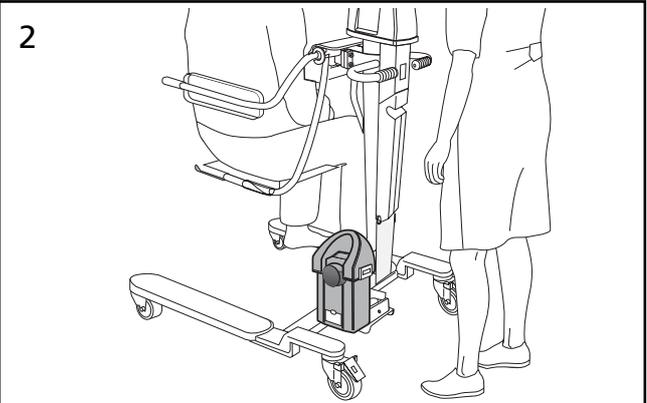
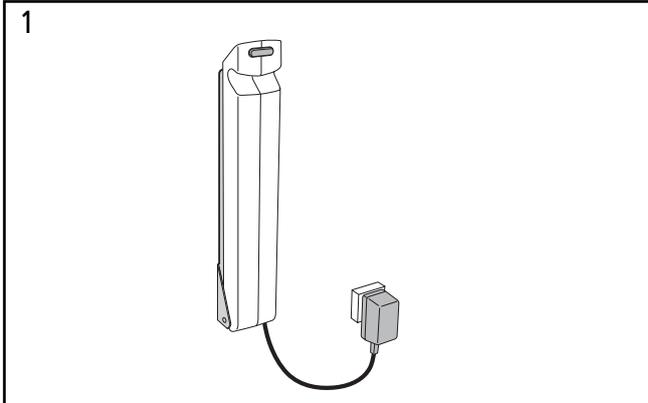
A bedpan holder can be mounted under the seat.
Assemble according to the illustrations:

WARNING

Make sure that male resident genitals do not get pinched between bedpan and chair.

Leg straps (5)(optional)

- The leg straps should be attached with Velcro tape and are fastened through and around the middle of the seat and the resident's legs.



Transferring the resident

From bed

1 Lower the bed rail and turn the resident on his/her side. Pull back the hand rest and back rest and place the seat in over the bed as close to the resident as possible. Adjust the seat so that the resident will be sitting on the back part of the seat.
Lower the seat so that it is pressed against the bed (1).

2 Apply brakes on the both castors (2).

3 Turn the resident on his back and make sure he is lying in the correct position on the chair (3).

Help the resident to sit up. Manually or if possible, raise the back part of the bed (3).

4 Position the back rest behind the resident. (4)

Put the hand rest in place in front of the resident (4).

Fasten the chest strap. Attach the leg straps if necessary (4).

5 Release the castor brakes and pull Calypso out from the bed while helping the resident with his legs (5).

6 Lower Calypso to a comfortable height so the resident can put his/her feet on the foot rest. Always use the transport handles during transport. The resident should keep his/her hands on the hand rest (6).

After transferring the resident, always ensure he /she is in a correct sitting position.

WARNING

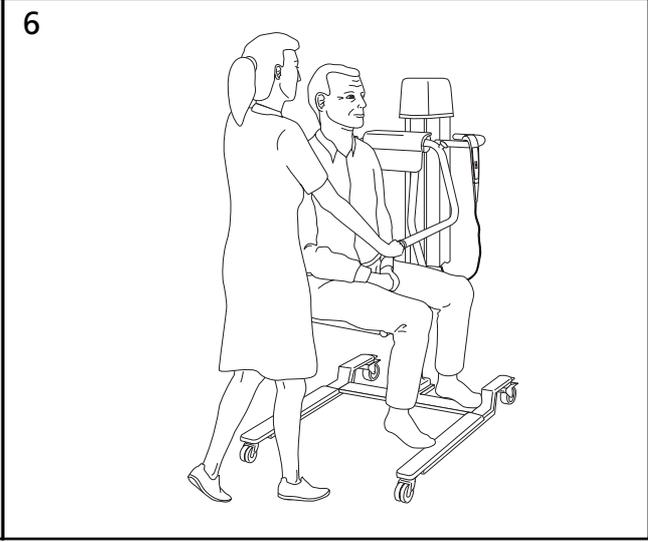
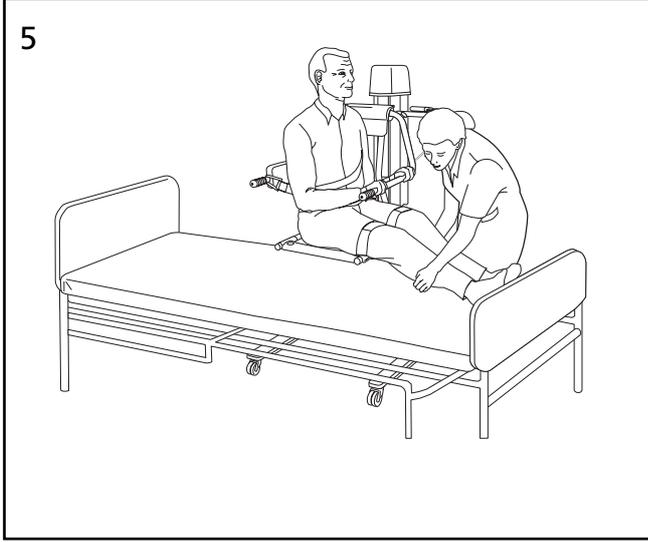
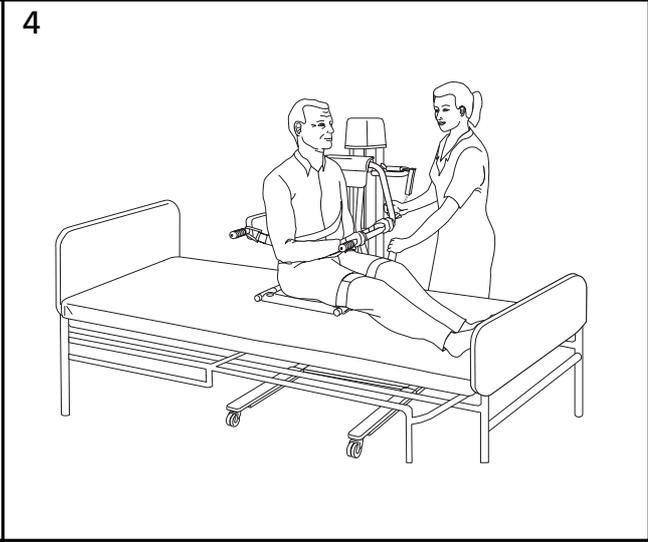
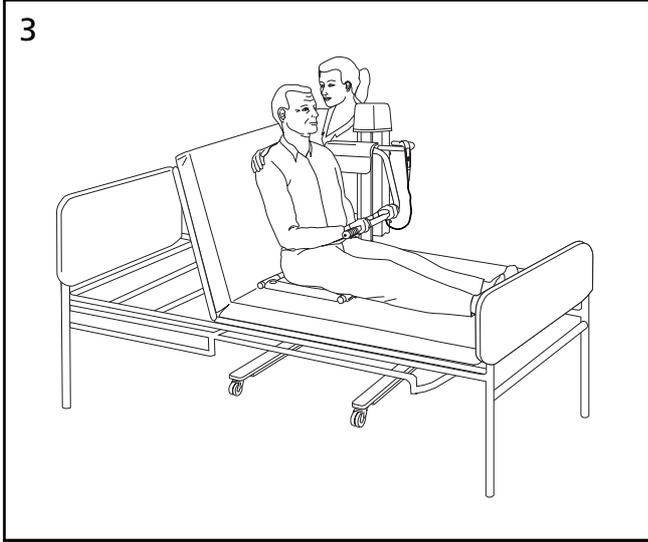
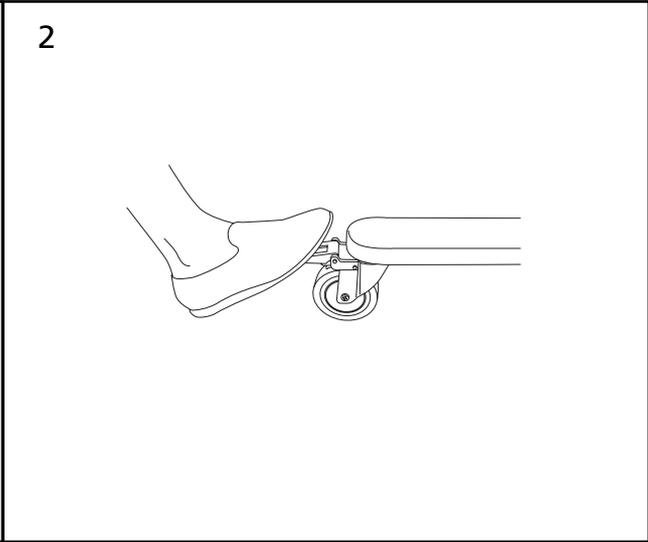
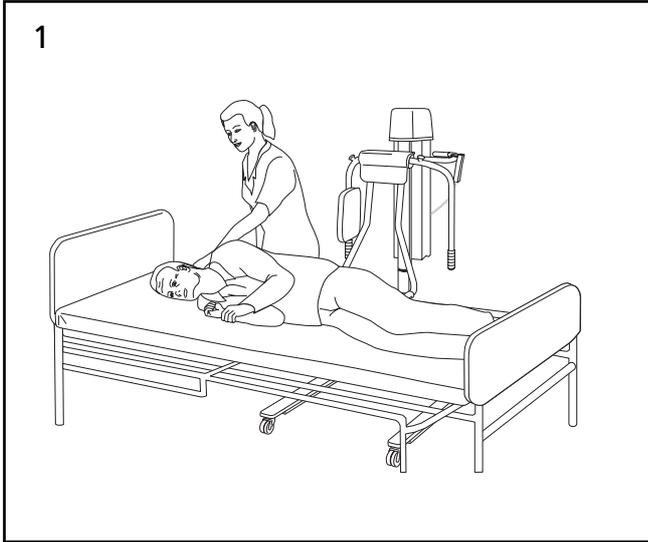
To avoid risk of injury, ensure the resident keeps their hands on the hand rest when raising and lowering Calypso, as well as during transport.

WARNING

Always pay close attention to the resident during transferring, transport and bathing.

To bed

To transfer the resident back to bed, perform "From bed" instructions above, in reverse order.



From a wheelchair

For the resident to be able to move from a wheelchair (1), the individual must be strong enough to move them self sideways and/or be able to stand up.

- a Brake the castors of the wheelchair. Remove the armrest and push the foot rest upwards. Put Calypso right beside the wheelchair.
- b Lower the seat to the same level as the seat of the chair, so that the seat of Calypso is next to or slightly overlapping the seat of the wheelchair, depending on its construction.
- c Brake the castors of Calypso.
- d The resident can now move from the wheelchair by himself.
- e Fasten the chest strap and the leg straps. Make sure the resident has his/her feet on the foot rest and his/her hands on the hand rest.
- f Always hold the transport handles during transport. The resident should keep his hands on the hand rest (2).

To a wheelchair

For the resident to be able to move to a wheelchair, the individual must be strong enough to move himself /herself sideways and/or be able to stand up.

- Lower *Calypso* so that the seat is higher than the wheelchair seat.
- Perform the “from wheelchair” instructions listed above in reverse order when transferring the resident back to wheelchair.

WARNING

Make sure that the brakes are applied both on Calypso and the wheelchair during the transferring.

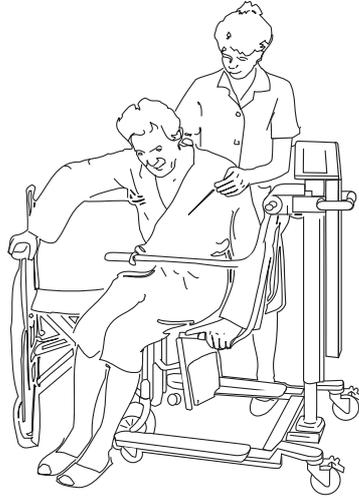
To a toilet

Calypso can be used regardless of whether the toilet is attached to the floor or to the wall.

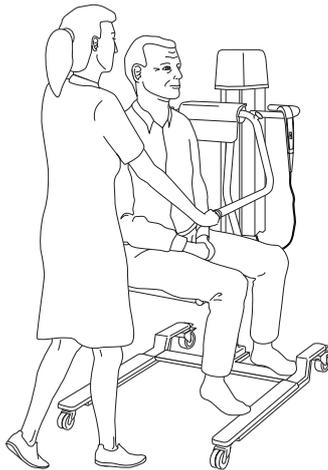
- 1 Remove the seat cushion and then the seat insert (3) before the resident is transferred to Calypso. *Only CDB6000 model.*
- 2 Place Calypso right over the toilet seat. Lower the calypso seat and apply the brakes.

An useful accessories is the bedpan with holder, in the case of transporting incontinent residents.

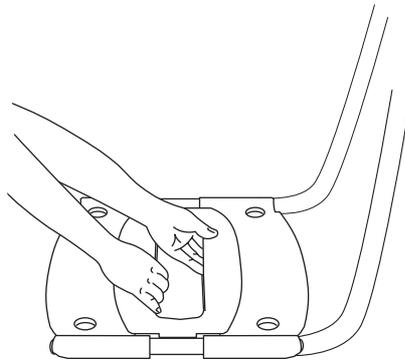
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2



3



Bathing the resident

First read the separate instructions for your bathing equipment.

NOTE

Read safety instructions on page 5-6 before bathing.

WARNING

To avoid risk of injury, ensure the resident keeps his/her hands on the hand rest when raising and lowering Calypso, as well as during transport.

- 1 Place Calypso in right angle close to the legs of the bath tub. Raise Calypso to clear the edge of the bath and move the resident in over the bath. Help the resident move his feet over the edge.
- 2 Brake the castors.
- 3 Raise the bath tub to a comfortable height, if it is adjustable.
- 4 Lower Calypso seat so that it rests against the bottom of the bath tub.

WARNING

Make sure the resident's legs are stretched out in front of them and not trapped under the chair seat!

- 5 Remove the chest strap.
- 6 Pull the arm rest forward/up and lay the resident down with the back rest slightly back.
- 7 Bathe the resident.
- 8 After bathing, let the bath water out and push the hand rest forward/down and sit the resident up. Push the back rest forward/down and fasten the chest safety strap and optional legstraps. Lower the bathtub, so that Calypso is above the water and give the resident a shower.
- 9 After drying, release the castors and return the resident to his room.

WARNING

Always remove residents from the bath by completely lowering the tub and raising Calypso only to the extent necessary to clear the tub. Make sure Calypso is at least 30cm (1 foot) away from the bath tub or other objects. Always lower Calypso promptly after removing the resident from the bath.

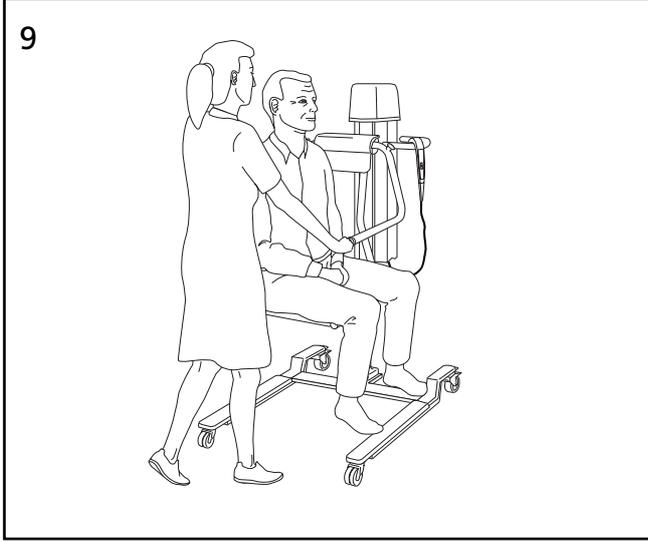
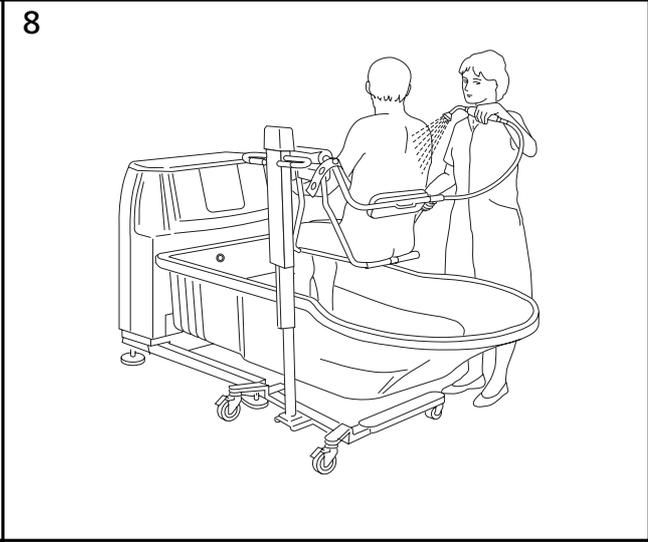
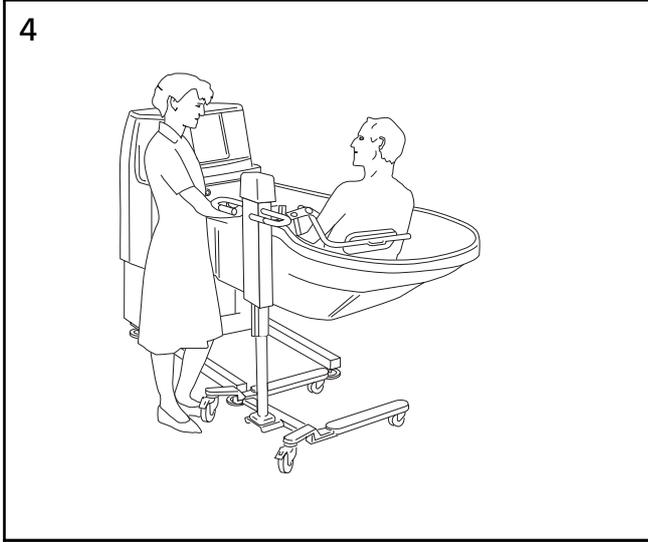
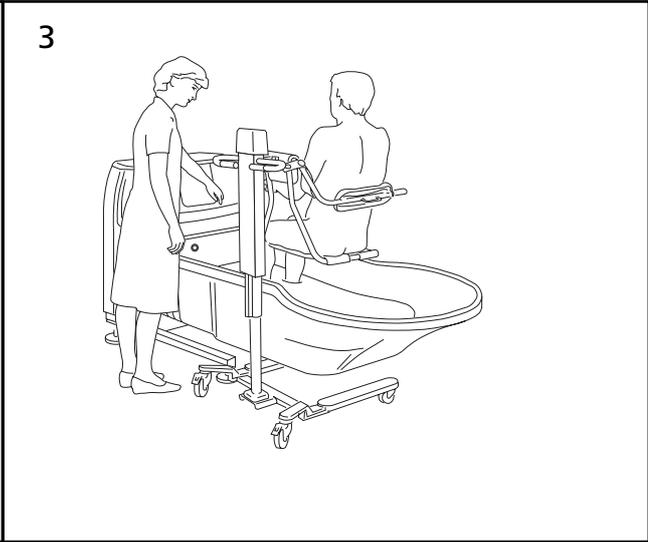
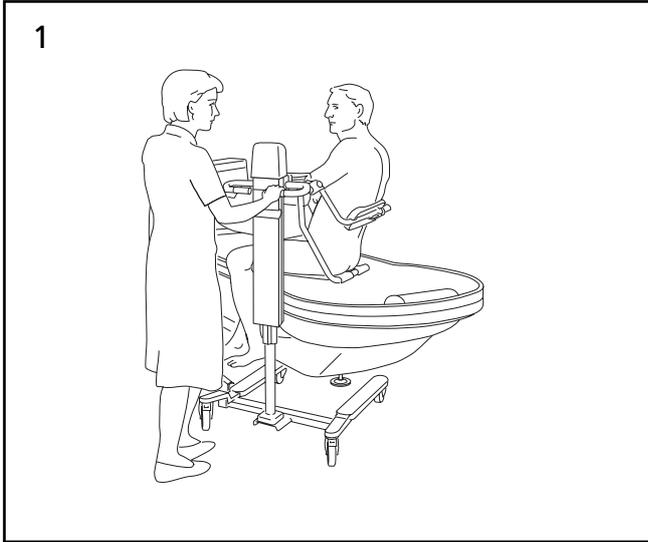
Make sure that the resident does not pull or hold on to stable objects at any time, especially while Calypso is being moved or the brakes are applied.

WARNING

Before lifting Calypso out of the water after a bath, re-position the resident if needed to ensure that the resident is sitting upright in the centre of the chair.

WARNING

Never leave the resident unattended at any time, particularly when Calypso is in a raised position.



Showering the resident

First read the separate instructions for your Prelude Shower cabinet.

- 1 Remove the cabinets splash guard.
- 2 Position Calypso in front of the cabinet with resident's back towards the cabinets front.
- 3 Raise Calypso and push it carefully as far as possible into the shower cabinet.

WARNING

Always check that the seat of the chair is raised high enough for the residents legs to clear the threshold of the cabinet safely!

- 4 Brake the castors and lower the resident to a comfortable working height then fold away the hand-rest.
- 5 Loosen the safety strap and undress the resident then fasten the safety strap again.
- 6 Put in the splash guard.
- 7 Set the controls, then shower and shampoo the resident from his head downwards.

WARNING

Always test the temperature of the water by bare hand before giving the resident a shower. Do not use gloves while checking the water temperature with your hand, gloves isolate and can lead to a temperature mis-judgement.

- 8 Adjust the height of the chair for easy access during showering.
- 9 Place a towel around the resident's shoulders after having washed and rinsed the upper body.
- 10 Remove the splash guard to have easy access to legs and feet.
- 11 Push the hand rest and the back rest forward/down. Fasten the chest strap and leg straps.

- 1 After drying, unlock the castors and return the resident to his/her room.

WARNING

Re-position the resident if needed to ensure that the resident is sitting upright in the centre of the chair.

WARNING

Never leave the resident unattended at any time, particularly when Calypso is in a raised position.

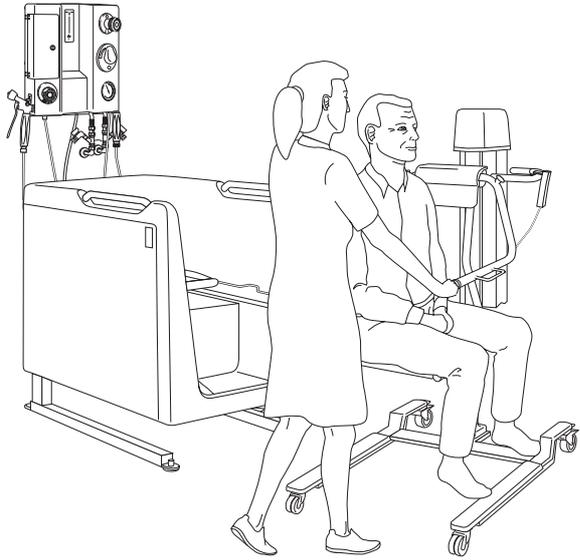
WARNING

The safety belt must always be used to make sure the resident remains in an upright position in the middle of the seat. The safety belt must be attached to the seat of Calypso on the same side as the back rest and securely buckled.

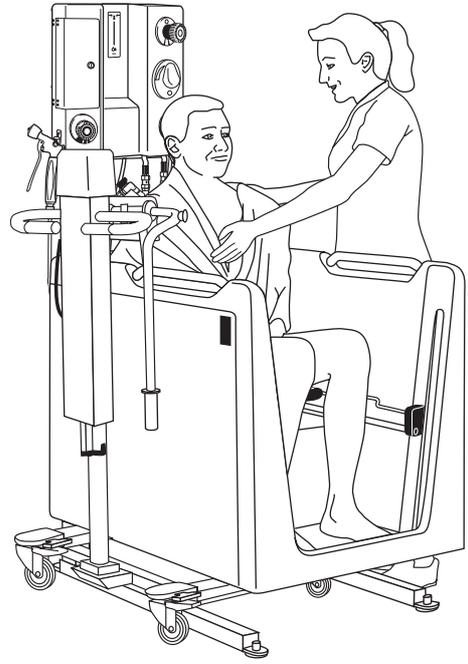
WARNING

Make sure Calypso is completely clear from all surrounding devices, baths and furniture when being raised or lowered. Make sure Calypso is at least 30 cm (1 foot) away from the cabinet or other device if the tub is being raised for any reason such as quicker drainage! Make sure that the resident does not pull or hold on to stable objects at any time, especially while Calypso is being moved or the brakes are applied.

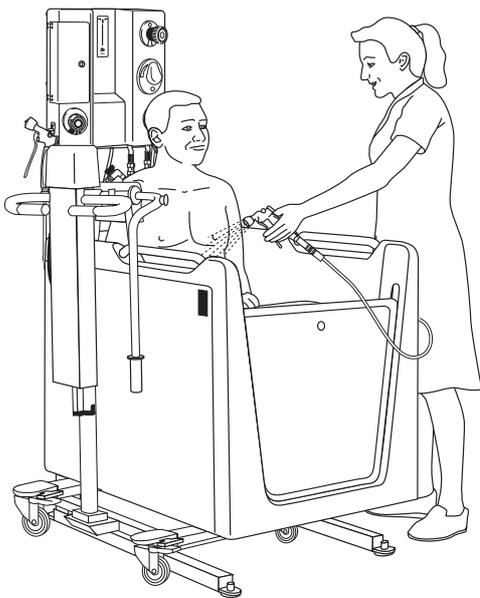
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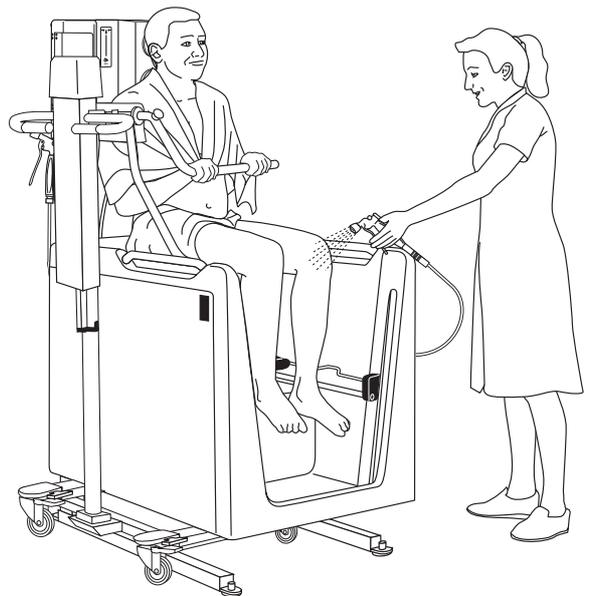
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6



10



Battery and Battery charger

Installation

- The battery charger is designed for dry surroundings and may not be installed in bathrooms or any other wet areas.
- Fix the battery holder to a suitable wall within reach from a standard power outlet where the charger is to be plugged in. Use four fixing screws (not enclosed) suitable for the wall and with documented capacity of load **(1)**.
- The battery charger is not allowed to be used in a highly trafficated living area of the residents.

Charging batteries

- The charger converts mains voltage to low Direct Current (DC) voltage.
- The charger must only be used for Arjo-Huntleigh's battery type NDA 0100.
- The charger is ready for use as soon as it is plugged in.
- There is no On/Off button on the charger. Disconnect the mains by unplugging the charger.

CAUTION

The battery is heavy – be careful not to drop it on your feet/floor!

- 1 Place the battery in the charger as shown.
- 2 The indicator lamp **(a)** shows a yellow light during charging.
- 3 The indicator lamp shows a green light when the battery is fully charged.

NOTE

If your Calypso is equipped with a scale; Do not leave anything on the seat that could disturb the zero range when connecting the charged battery.

Charging intervals

- To prolong battery lifetime, charge it regularly.
- If the lift is used frequently, it's recommended to use two batteries, one in operation and one getting charged.
- Leave the battery in the charger when not used, there is no risk of overcharging the battery.

Low charge warning

If the battery needs charging a buzzing tone is heard when the lift is activated. At this time, there will be enough battery power to complete the immediate task.

Maintenance

- The charger does not require any maintenance.
- In case of a malfunction don't attempt to open the charger-cover.
- All repairs must be carried out by ArjoHuntleigh authorised personnel.

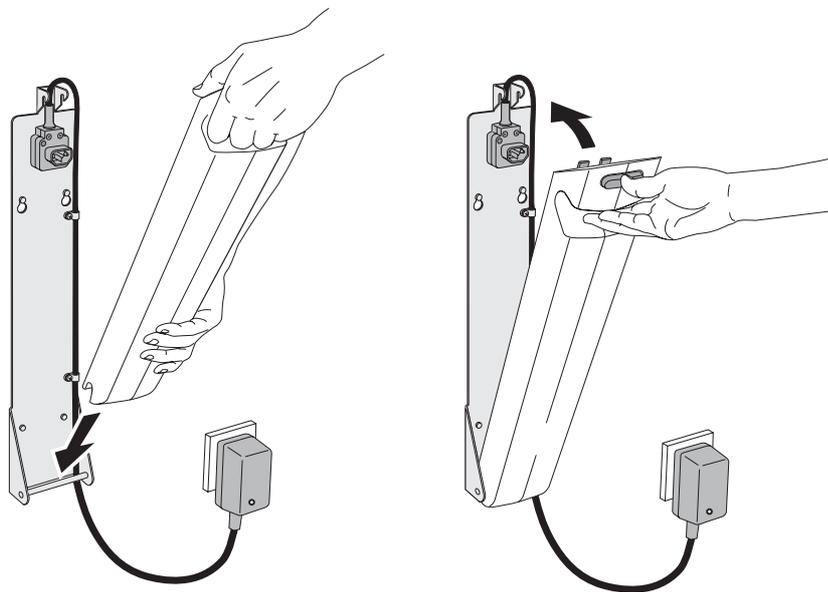
Storage of batteries

- Batteries are charged when delivered but we recommend you to recharge the batteries when received due to a slow self discharge.
- The batteries will slowly self discharge when not used
- Batteries that will not be used for a longer period should be kept in a cool place, not under 0 °C (32 °F) and not over room temperature + 25 °C (77 °F).

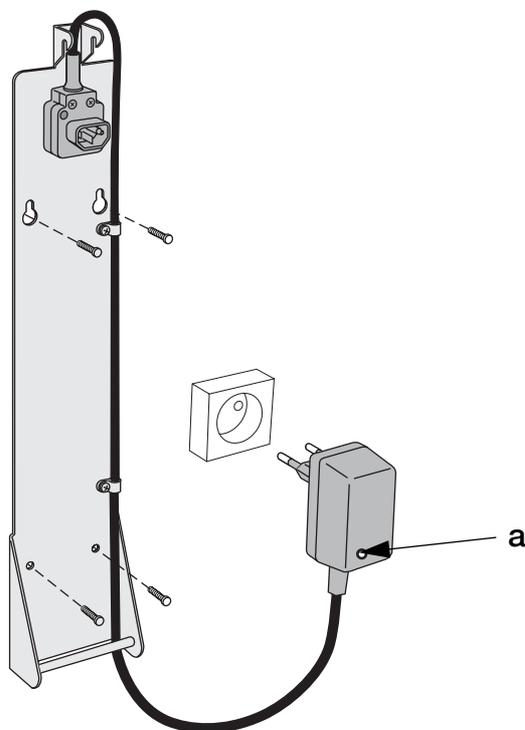
NOTE

Batteries that are charged for the first time or after a longer storage period must be charged until the indicator lamp turns green.

1



2



Disinfection/Cleaning instructions

Only use ArjoHuntleigh branded disinfectant cleansers.

If you have any questions regarding disinfecting the equipment, or wish to order cleaning fluid, contact ArjoHuntleigh Customer Service.

The following procedure should be carried out after every use and at the end of the day.

WARNING

Always use protective gloves and protective glasses when handling concentrated cleaning agents. Avoid getting the cleaning agent on your skin or in your eyes. If this does occur, rinse thoroughly with plenty of water. Seek medical attention if irritation occurs. Always read the material safety data sheet for the disinfectant cleanser.

WARNING

Do not use phenol, citric acid or petroleum-based solvents, trichloroethylene, chlorine and hydrogen peroxide or similar cleaning agents as these may damage the plastic material.

Steam, ethylene oxide sterilization or high pressure wash can not be used either.

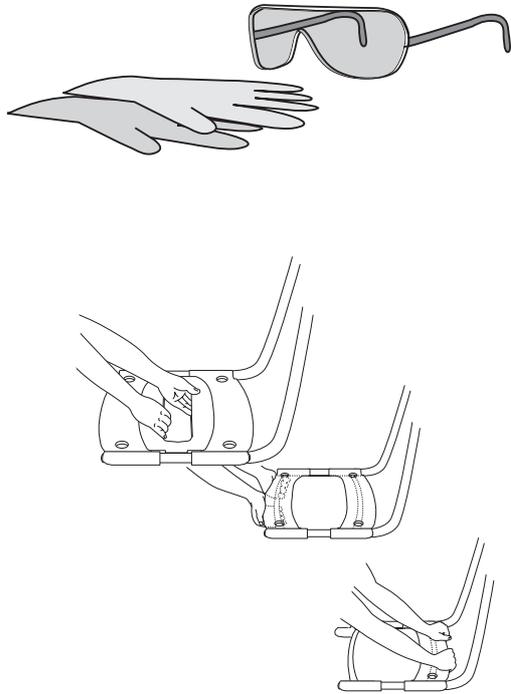
After each resident

- 1 Remove the seat insert, the two seat parts (only CDB6000 model), the back rest and safety straps (if applicable) and place them at the bottom of the tub. Move Calypso in over the bath tub and lower it.
- 2 Most ArjoHuntleigh baths are equipped with a disinfectant spray handle, read respective instructions on how to adjust and use it. Spray Calypso with disinfectant from the disinfection spray handle.
If a disinfectant spray bottle is used, mix according to the instruction on the label of the disinfectant bottle, may.
- 3 Scrub the chair and the loosen parts with a cloth or disposable towel. Be sure the underside of *Calypso* has been cleaned and disinfected.
- 4 Allow an appropriate contact time for sanitation or disinfection according to the instructions of the disinfectant cleaner bottle.
- 5 Rinse with cold water.
- 6 Dry Calypso parts with a clean towel and reassemble.

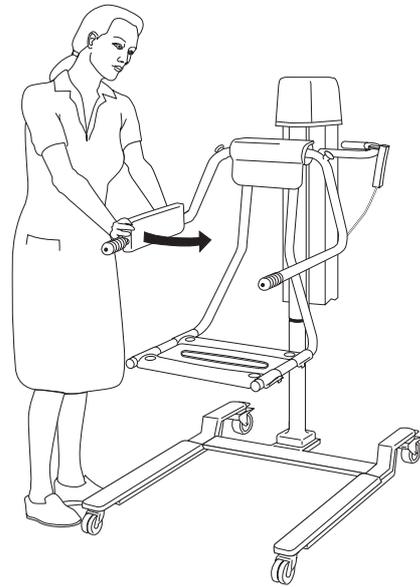
Cleaning of Safety Straps

The safety straps should be washed with soap and a water temperature of 60- 80°C (140-176°F).

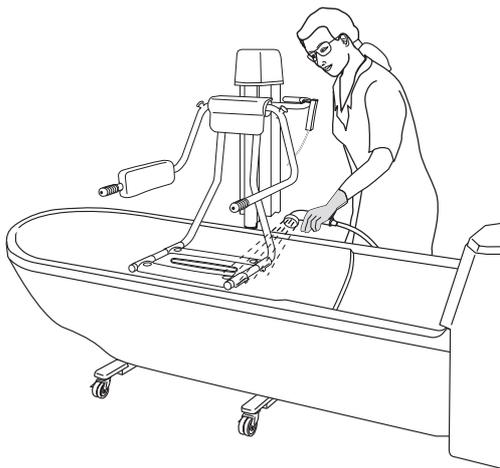
1



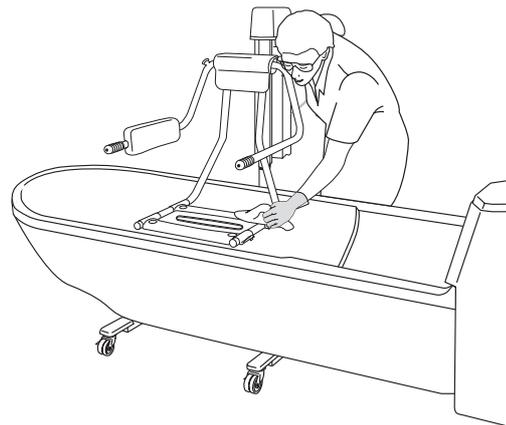
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2



6



Trouble shooting

Trouble shooting- Calypso

Problem	Action
Using the lift	
The lift continues to raise or descend after the hand set button is released	Activate the red emergency stop button and pull the battery out - remove the resident from the lift and call for authorised service
The lift does not raise or descend when the hand set button is pressed	1. Make sure that the battery is fully engaged in the battery compartment 2. Make sure that the hand control connection plug is properly engaged in the socket 3. Make sure that the battery is charged Warning: Do not leave the resident unattended while doing this! 4. Use the emergency lowering to descend the resident. call for authorised service as soon as the resident is removed from the lift.
The lift is hard to manoeuvre during transport.	1. Make sure all brakes are released 2. Make sure all castors roles and turns freely - if not, remove the resident from the lift and call for authorised service
The lift is making abnormal sounds during lifting or transport	Remove the resident from the lift and call for authorised service
The lift beeps shortly once every minute when not operated	Contact ArjoHuntleigh technical service personnel

Care and Preventive Maintenance

Calypso is subject to wear and tear, and the following actions must be performed when specified to ensure that the product remains within its original manufacturing specification

WARNING

The points on this checklist are the minimum the manufacturer recommends. In some cases due to heavy use of the product and exposure to aggressive environment, more frequent inspections should be carried out. Continuing to use this product without conducting regular inspections or continuing to use this product when a fault is found will seriously compromise the user and residents safety. Local regulations and standards may be higher than the manufacturers. Preventive maintenance specified in this manual can prevent accidents.

PREVENTIVE MAINTENANCE SCHEDULE -CALYPSO

CAREGIVER OBLIGATIONS Action/Check	Every DAY	Every WEEK	Every YEAR
Clean/Disinfect	X		
Visually check all exposed parts		X	
Visually check mechanical attachments		X	
Visually check the safety strap/leg strap		X	
Check hand control and cable		X	
Check/clean castors		X	
Check seat cushion (Not for PUR version)		X	
Visually check battery charger and battery		X	
Perform a functionality test		X	

WARNING

The following actions must be carried out by qualified personnel, using correct tools and knowledge of procedures. Failure to meet these requirements could result in personal injuries and/or unsafe product.

QUALIFIED PERSONNEL Action/Check	Every DAY	Every WEEK	Every YEAR
Lubricate inner profile			X
Check the safety safety stop function			X
Perform a safe working load test, (local requirements)			X
Check all vital parts for corrosion/damage			X
Perform full feature functionality test			X
Check mechanical attachments			X
Check that the latest updates have been implemented			X
Check scale calibration (if attached and not verified)			X
Check battery charger and battery			X
Inspect castors			X
Check emergency Hi/Low function			X
Check batteries for scale			X
Check function of emergency stop			X

NOTE

All Caregiver Obligations are to be checked when performing the Qualified Personnel Service.

Caregiver obligations shall be carried out by personnel with sufficient knowledge following the instructions in this manual.

Every day

Clean/Disinfect.

- *Calypso* has to be cleaned immediately after every use. ArjoHuntleigh cleaning agents and shampoos should be used in **recommended concentrations labelled on the disinfectant bottle.**

See further disinfecting/cleaning instructions

Every week

Visually check all exposed parts.

- Examine *Calypso* for damage.

Visually check mechanical attachments.

- Check the mechanical attachments by placing a foot on the chassis and pull the seat upwards with both hands. No gaps are allowed (1).

Visually check the safety strap/leg strap.

- Check the complete length of the strap for fraying, cuts, loose stitching. If the strap is found damaged in any way, replace it (2).
- Visually check all exposed parts, especially where personal contact is made by either the resident or caregiver. Make sure no cracks, sharp edges or unhygienic areas that could cause the resident or user injury. Replace damaged parts.

Check hand control and cable.

- Visually check the condition of the hand control and its cable. If found cut or damaged, replace. Electric version (3).

Check and clean the castors.

- Make sure the castors are properly fixed and are rolling and swivelling freely. Clean with water. (the function can be affected by soap, hair, dust and chemicals from floor cleaning) (4).

Check the cushion.

- Make sure the cushion has no cracks or tears that would allow water to get into the filling. If there is such damage, replace damaged parts CDB6000 (5).

Visually check the battery and the battery charger.

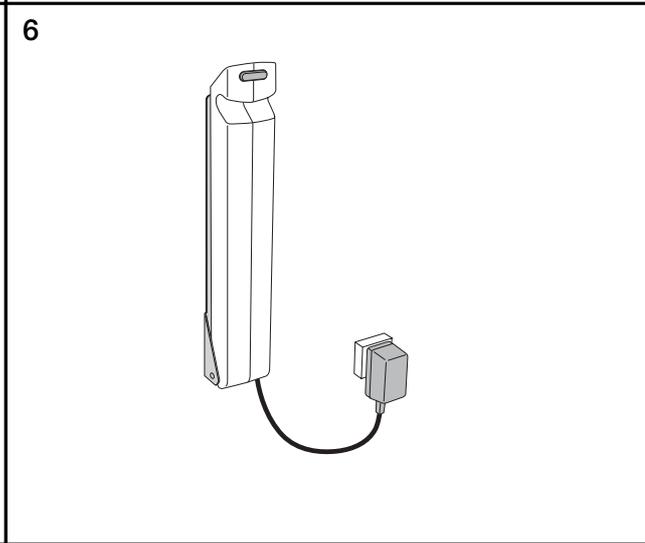
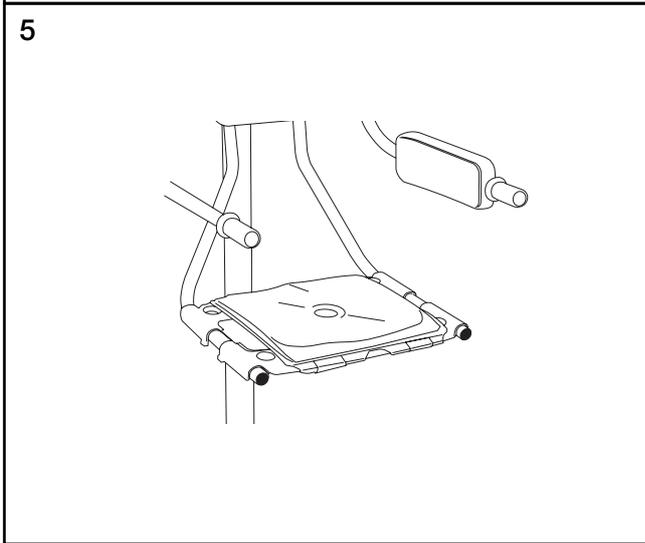
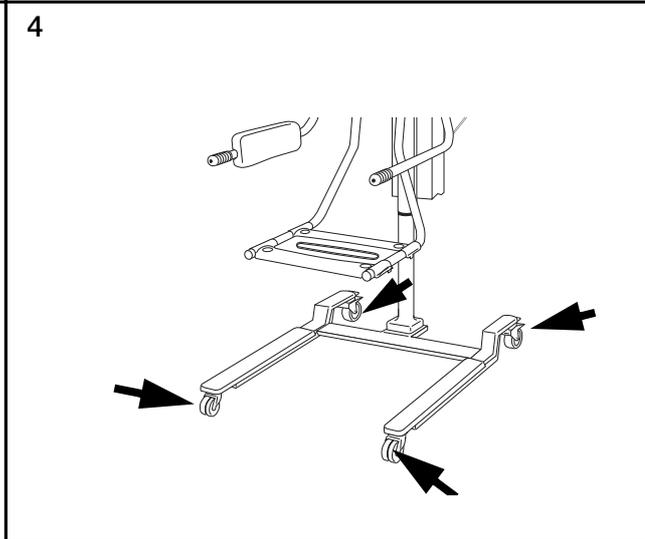
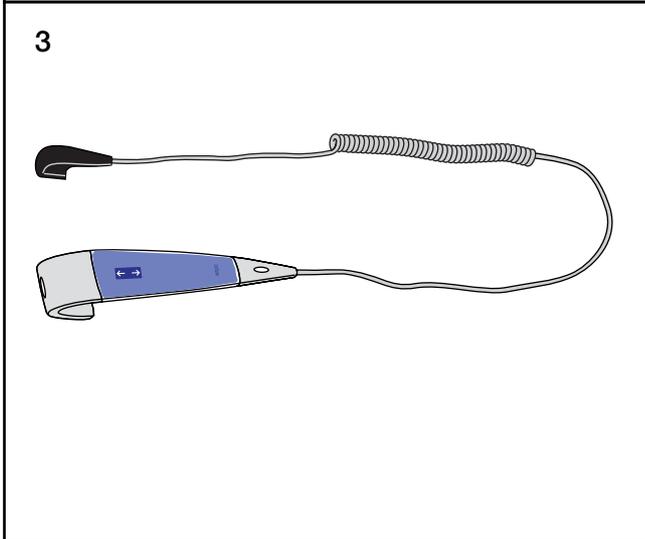
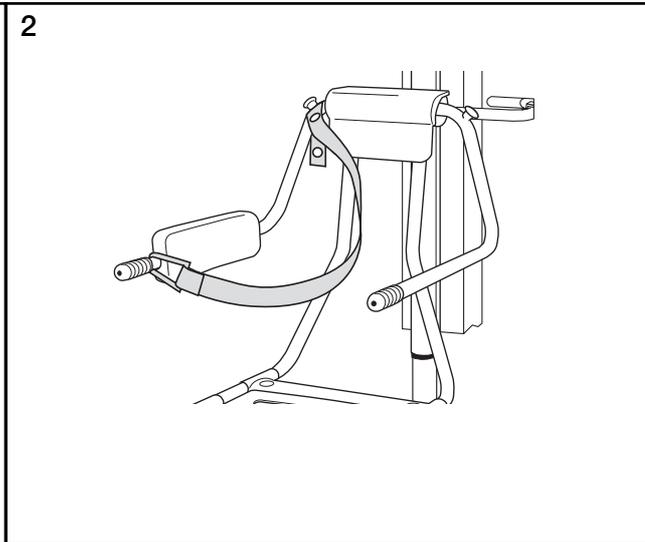
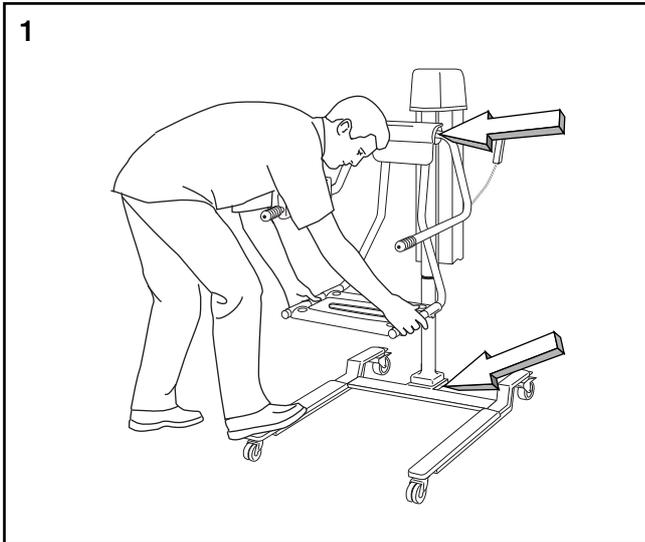
- Check the cable condition as well. Withdraw and replace immediately if damaged. Electric version (6).

Perform functionality test.

- Test up/down motion by pressing up/down.
- Test emergency High/Low

Yearly

Calypso has to be serviced according to the Preventive Maintenance Schedule (Qualified Personnel Action/Check).



Technical specifications

Calypso Model CDB 60XX (Hydraulic)

Lifting capacity	136 kg (300 lbs)
Weight	37,8 kg (82 lbs)

Calypso Model CDB 60XX, CDB 70XX (Electric)

Lifting capacity	136 kg (300 lbs)
Medical equipment	type  (IEC Publication 417)
Power Source	Battery NDA0100, 24V
Protection class	IP X4
Fuse	F1 F10AL 250 V
Insulation Class	Class II Equipment
Sound level	< 65 dBA
Mode of operation	ED max 10%; Max 1 min ON, Min 9 min OFF
Operating forces of controls	2.7 N
Weight CDB 60XX	46,2 kg (101 lbs)
Weight CDB 70XX	50,2 kg (110 lbs)

Transport, storage and operation (Applies to all Calypso models except the chargers)

Ambient temperature range	-25°C to +60°C (-13°F to +140°F) Transport -25°C to +30°C (-1°F to +86°F) Storage +10°C to +40°C (+50°F to +104°F) Operation
Relative humidity range	10% - 95% Transport and Storage 15% - 100% Operation
Atmospheric pressure range	500 - 1060 hPa (transport) 700 - 1060 hPa (storage and operation)

Recycling [The device should be recycled according to national regulations]

Battery	Sealed lead-acid. Recyclable. Not for disposal. Environment danger
Package	Wood and corrugated cardboard, recyclable
The Lift	Electric, steel and plastic parts shall be separated and recycled according to marking on the unit

Charger model NDA 1200-EU, NDA 2200-GB, NDA 4200-US, NDA 6200-AU

Voltage, Frequency	230V ±10%, 50-60Hz 100-120V ±10%, 50-60Hz ±10%
Charge voltage and current	28.6 V, 1.2 A, yellow indicator
Standby charge voltage	27.6 V, green indicator
Max power	230V - 0.5 A, 100-120 V - 0,8 A
Weight	250 gram (0.55 pound)
Dimensions	60 x 70 x 100 mm (2 3/8"x2 3/4"x 4")
Max Ambient temperature	+ 50°C (+ 122°F)
Max Relative humidity	75%
Max Atmospheric pressure	1060 hPa
Degree of protection	IP 2X
Mode of operation	continuous
Insulation Class	Class II Equipment

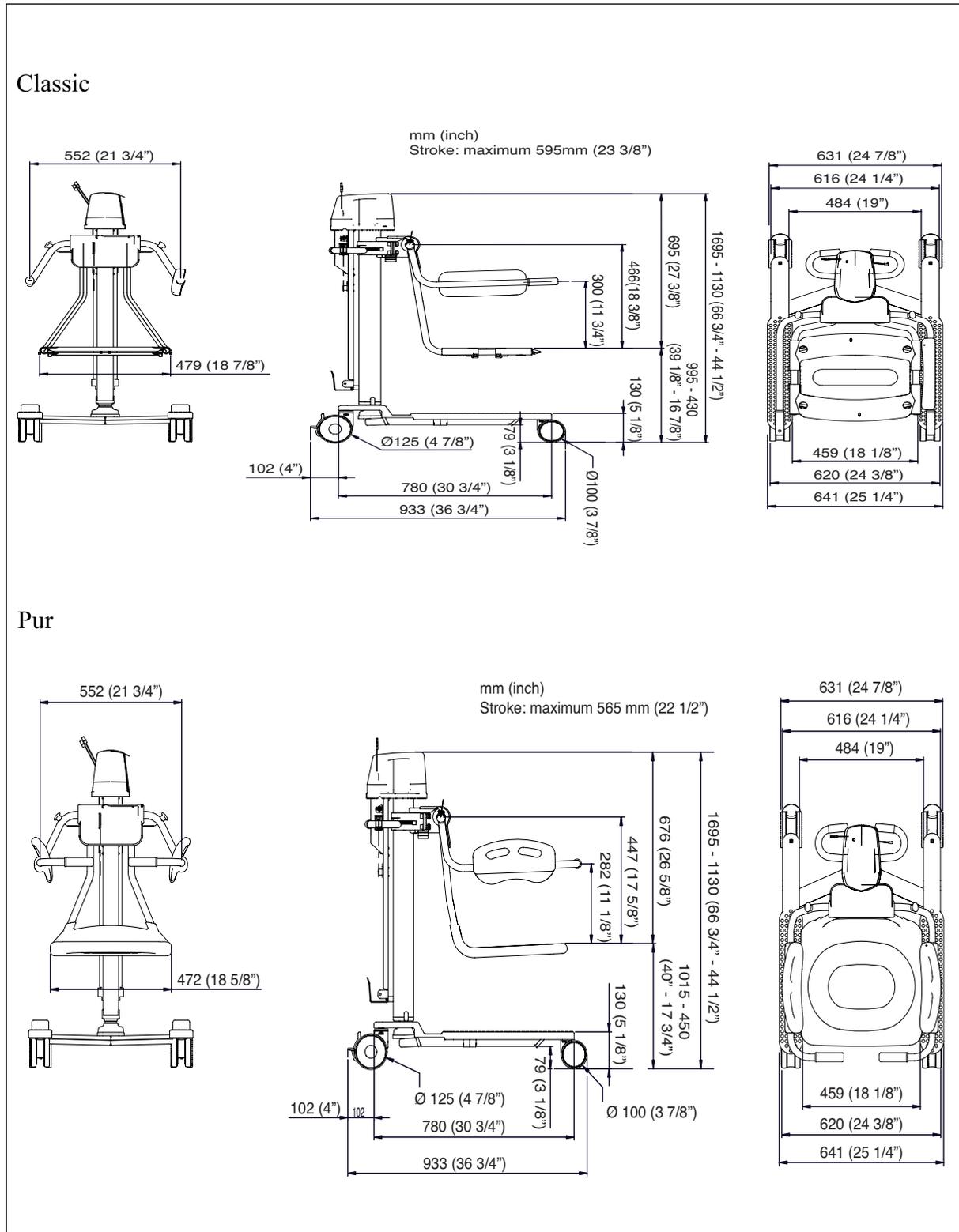
WARNING

Stacking or placing other electrical or magnetic equipment adjacent to this device is not recommended, it can interfere with the equipment's operation and safety.

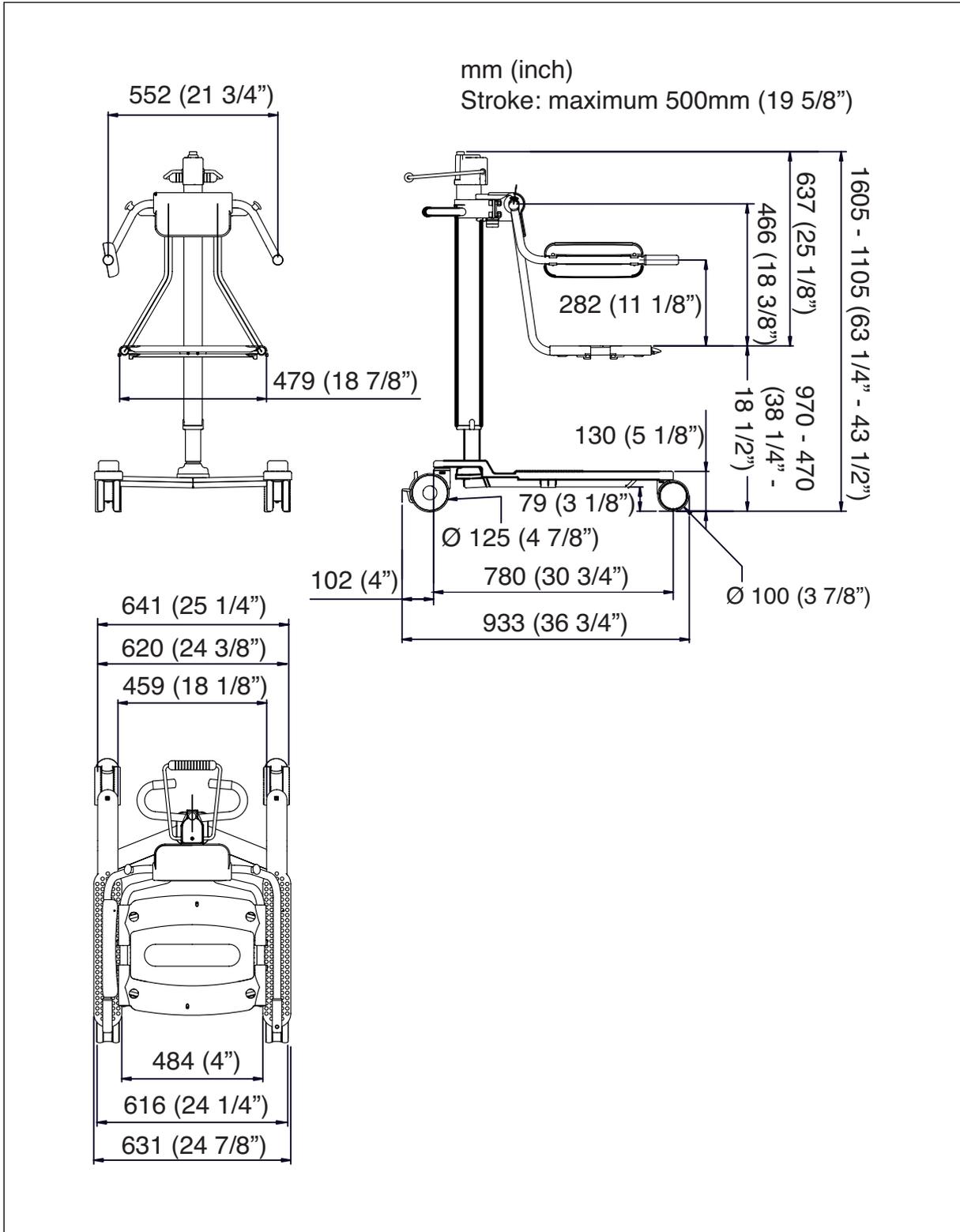
Portable and mobile radio-frequency (RF) communications equipment can interfere with this equipment's operation and safety.

Overall dimensions

Calypso Classic/Pur



Calypso Hydraulic



Labels on the lift

On all Calypso:

Identification label

The identification label states the type of equipment and serial number (see figure).

Attention label

	Read the operation manual before use. (The label is attached below the manoeuvring handle.)
-----------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------

Approvals

	CE marking in accordance with the Directive 93/42/EEC (The Medical Devices Directive).
	Classified by Underwriters Laboratories Inc. with respect to electric shock, fire, mechanical hazards and other specified hazards only in accordance with UL 60 601-1 and CAN/CSA - C 22.2 No 601.1-M90.
	Certified by TUV product service with respect to mechanical hazard and performance according to ISO 10535

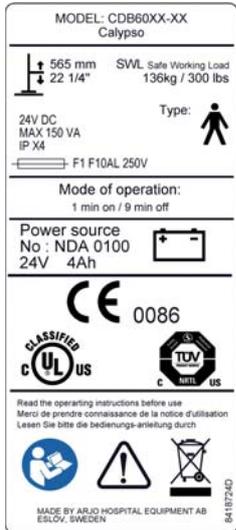
Hydraulic data label

SWL	Safe Working Load
	Lifting stroke
	Type B Applied part: protection against electrical shock in accordance with IEC 60 601-1.
	Read the operation instructions before use.

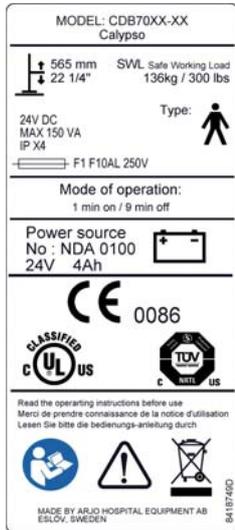
Electrical data label

The data label and the identification label are located on the pillar.

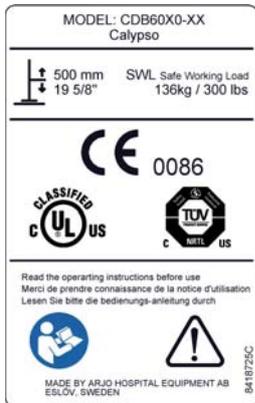
SWL	Safe Working Load
	Lifting stroke
	Supply voltage
VA	Max power
	Fuse
IP X4	Protection class - Protection against splashing water.
	Type B Applied part: protection against electrical shock in accordance with IEC 60 601-1.
NDA0100 24V 4Ah	Product no. of the battery
	Read the operation instructions before use.
	Separate electrical and electronic components for recycling in accordance with the European Directive 2002/96/EG (WEEE)
	Insulation Class II Equipment
	A battery is the power source of this equipment.



Example of Data label (Electrical)



Example of Data label (Pur)



Example of Data label (Hydraulic)



Attention label

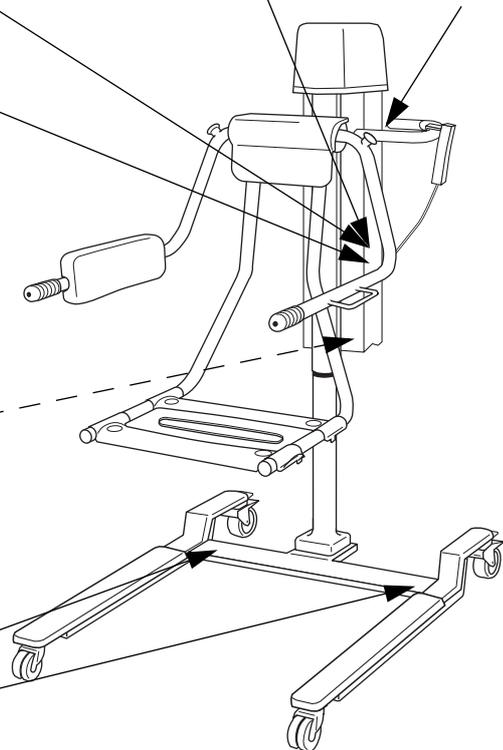
Running assembly number
 Year Month
 0909XXXXX



Example of identification label



Attention label



Labels on battery and battery charger

Data label

On the charger you will find the following information:

Charger model	NDA 1200-EU (Europe except GB) NDA 2200-GB (Great Britain) NDA 4200-US (USA, Canada and Japan) NDA 6200-AU (Australia)
Mains supply	230V, 50-60Hz ±10% 100-120V, 50-60Hz ±10%
Maximum rated power	230V - 0.5 A 100-120 V - 0,8 A
Output data	28.6 V 1.2 A- yellow 27.6V thereafter - green
NDA0100	ArjoHuntleigh battery intended for this charger
	Insulation Class II
	Read the operation manual before use
IP 2X	Use in dry areas
	For indoor use only
	Separate electrical and electronic components for recycling in accordance with the European Directive 2002/96/EG (WEEE)

Identification label

The identification label states the product and serial number and the manufacturing country.

Battery labels

	Environmental danger. Not for disposal
	Recyclable.

Approval label

	CE marking in accordance with the Directive 93/42/EEC (The Medical Devices Directive). The equipment has been EMC-tested and fulfils all requirements according to IEC 60601-1-2
	Recognized by Underwriters Laboratories Inc. with respect to electric shock, fire, mechanical hazards and other specified hazards only in accordance with UL 60 601-1 and CAN/CSA - C 22.2 No 601.1-M90.

CAUTION

- AVOID SHORT CIRCUIT
- DO NOT CHARGE IN A SEALED CONTAINER
- KEEP SPARKS, FLAME AWAY

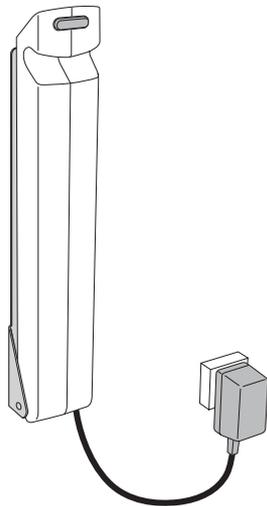
SEALEAD BATTERY
MUST BE RECYCLED OR
DISPOSED OF PROPERLY

8418254

Battery label

Serial No. SE 1499 0001
Made in Norway for:
Arjo Hospital Equipment AB
Esiöv Sweden

Identification label
on the battery charger



Running
assembly
number

Year Month
0909XXXXX

Product no
CCB7001-01

Serial no
0909XXXXX

Made by Arjo in Esiöv, Sweden
010115

Identification label

ARJO NDA 1200 EU

BATTERY CHARGER FOR:
ARJO BATTERY NDA 0100

230VAC 50-60Hz 0.5A

Yellow: 28.6V 1.2A
Green: Ready

EN60601-1 Type 9641
Made in Norway

Data / Approval label EU

ARJO TYPE NDA 2200 GB

BATTERY CHARGER FOR:
ARJO BATTERY NDA 0100

230VAC 50-60Hz 0.5A

Yellow: 28.6V 1.2A
Green: Ready

EN60601-1 Type 9641
Made in Norway

Data / Approval label GB

ARJO NDA 4200 US

BATTERY CHARGER FOR:
ARJO BATTERY NDA 0100

100-120VAC 50-60Hz 0.8A

Yellow: 28.6V 1.2A
Green: Ready

UL-file: E208921 Type 9641
Made in Norway

Data / Approval label US

ARJO TYPE NDA 6200 AU

BATTERY CHARGER FOR:
ARJO BATTERY NDA 0100

230VAC 50-60Hz 0.5A

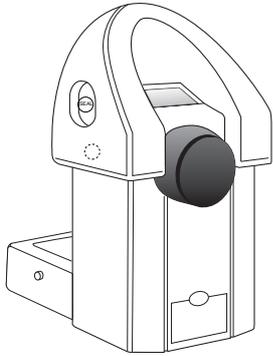
Yellow: 28.6V 1.2A
Green: Ready

EN60601-1 Type 9641
Made in Norway

Data / Approval label AU

Accessories

Foot scale



Bedpan and bedpan holder



Leg straps



Disinfectant / Cleaner





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