

## INSTALLATION AND OPERATIONAL MANUAL



## STEADYSTAND

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## 1. INTRODUCTION

Congratulations on choosing the Elevand Powerstand ELS patient lift for your design and production needs.

By following the recommendations in the user manual and utilising the provided information, you can ensure this mobile lift's safe, long-lasting, and faultless operation. Please direct any comments or observations about the lift's performance or the contents of this manual to the following address:

### **Distribution and service by:**

CHS Healthcare  
1 Technology Circuit  
Hallam VIC 3803  
TEL. 1300 789 420  
sales@chshealthcare.com.au  
service@chshealthcare.com.au

### **GENERAL REMARKS:**

1. The product should only be operated by qualified, trained personnel who have read these instructions.
2. Using, operating, or servicing the product inconsistently with these instructions is prohibited. Such action may cause damages that create a financial burden for the user, for which the Producer is not responsible.
3. The device manufacturer does not allow any modifications to be made to the product.
4. If the operation and parameters are incompatible with the description in the instructions, the product must not be used. This issue must be reported immediately to the manufacturer or distributor.
5. Each product repair should be conducted by an authorised service centre or the factory and documented in the repair list that comes with the warranty card. Please adhere to this requirement to ensure the product warranty remains valid.
6. Any serious incident involving the Elevand FoldSmart ELS patient lift must be reported immediately to the manufacturer and the relevant authority in the Member State where the user or patient resides.
7. The warranty covers all material and manufacturing defects.
8. A technical description of the device, including a list of spare parts and their replacement methods, is available upon request from the manufacturer.

**Warranty terms will be honoured only if the product is used according to its intended purpose and in compliance with the terms stated in this manual.**

**The manufacturer is not responsible for any consequences resulting from improper use of the Elevand SteadyStand, which includes any use that does not comply with the conditions outlined in this manual.**

## 1.1. Symbols

### CAUTION!



In this symbol are indicated activities, which if performed inconsistently with the user manual may cause deterioration of conditions or safety hazard to the patient and/or their caregiver.



Indicates the need for the user to consult the instructions for use



Manufacturer  
xxxx – date of manufacture



For indoor use



Safe working load (SWL) of the device 180 kg



Medical Device



Catalogue number



Serial number



The Elevand SteadyStand Mobile Patient Lift is manufactured in accordance with the Medical Devices Regulation 2017/745 (class I, rule 1) and has a CE marking, according to the manufacturer declaration.



Recyclable materials

## 2. FEATURES OF THE ELEVAND STEADYSTAND MOBILE PATIENT LIFT

### 2.1. Intended use



#### CAUTION!

The Elevand SteadyStand is designed for indoor use on horizontal flat surfaces only. When transporting on inclined/tilted flat surfaces, an additional person is recommended to assist the patient. The patient is eligible to be transported using the Elevand SteadyStand Mobile Patient Lift when approved by the attending physician.



#### CAUTION!

This product is not intended for independent patient use. Lifting and moving the patient must always be performed with staff (assistant) present, and in some cases a second assistant may be required.




#### CAUTION!

Elevand SteadyStand is intended for use with patients whose weight does not exceed the maximum safe working load indicated on the lift label.

The Elevand SteadyStand Mobile Patient Lift is designed to aid in lifting, transferring, handling, and transporting individuals with reduced mobility due to illness or dysfunction. It is intended for transferring patients to and from chairs, wheelchairs, beds, or toilets. The lift must only be used for the purposes outlined in the User Manual; any other uses are strictly prohibited. The Elevand SteadyStand, a mobile patient lift, has undergone testing according to EN ISO 10535:2021 and EN ISO 12182:2012.

The device should be operated by qualified personnel (assistants) or individuals familiar with the information provided in these user manuals. It is suitable for use in hospitals, sanatoriums, nursing homes, other healthcare facilities, and home environments.

## 2.2. Technical specifications

Elevand SteadyStand	
Length	905 mm
Width	620 mm
Height	1020 mm
Seat height	807 mm
Seat length	300 mm
Seat width	207 mm
Total seat width	450 mm
Seat inclination	38°
Height of the knee pad	640 mm
Inclination of the knee pad	100°
Minimum leg width (inside/outside)	493/611 mm
Maximum leg width (inside/outside)	918/1036 mm
Turning diameter	1100 mm
Diameter of brake casters	100 mm
Diameter of non-braked casters	75 mm
Safe working load	 <b>SWL</b>
	≤180 kg
Weight of the lift	35,5 kg

## 2.3. Elevand SteadyStand mobile patient lift

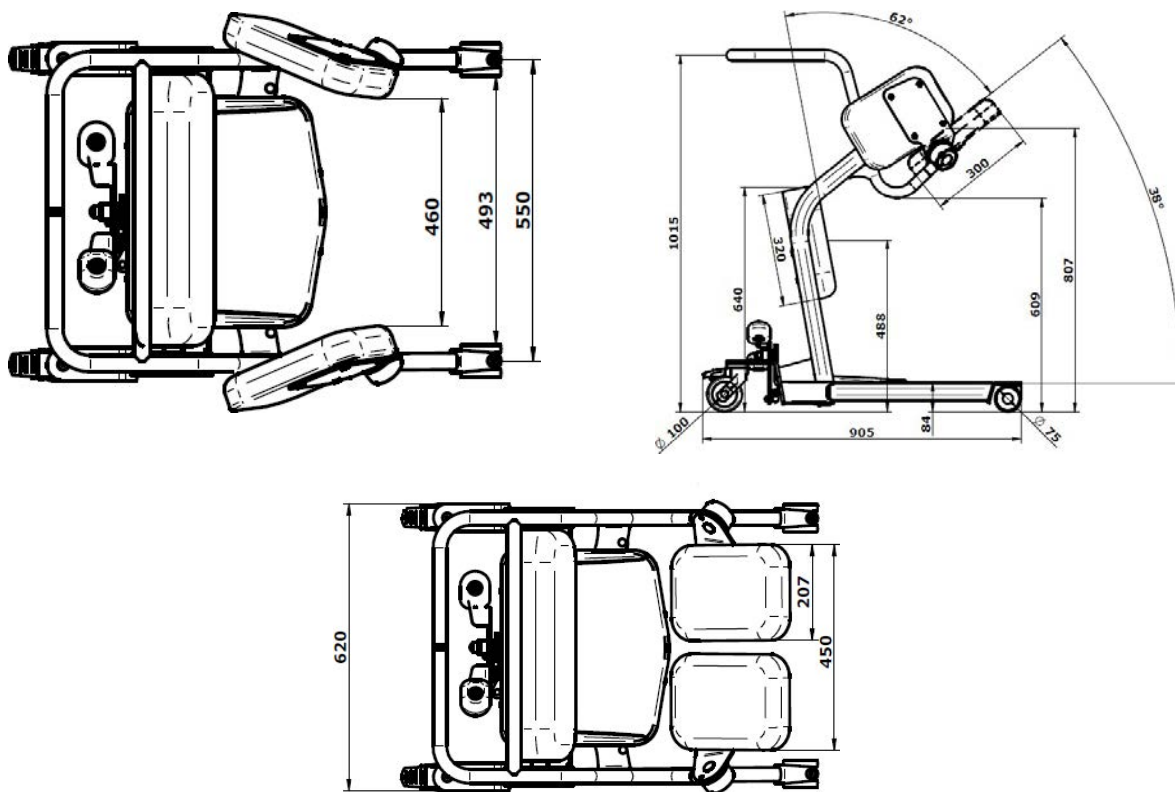


Figure 1 – Elevand SteadyStand mobile patient lift dimensions (dimensions in mm)

### 3. DESIGN AND OPERATION OF THE ELEVAND STEADYSTAND MOBILE

Before using your Elevand SteadyStand mobile patient lift, familiarise yourself with the design components and read the User Manual. The Manual contains essential safety information.

#### 3.1. Design components

Elevand SteadyStand, a mobile patient lift, is made of powder-coated welded steel sections and consists of the following components:

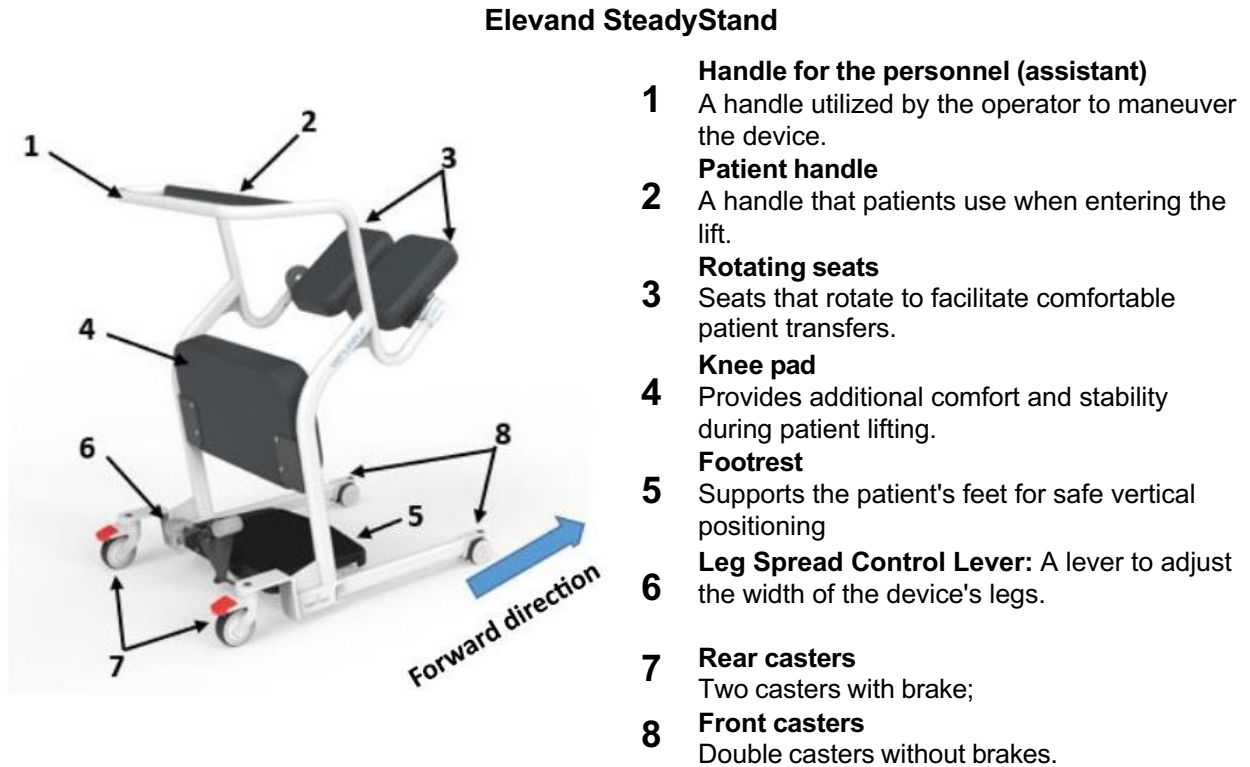


Figure 2 – Elevand SteadyStand patient lift design components

#### 3.2. Device set

Upon receiving your Elevand SteadyStand Mobile Patient Lift, inspect the contents to ensure everything is included and check for any damage that may have occurred during shipping.

Elevand SteadyStand Mobile Patient Lift	1 pc.
Instruction Manual	1 pc.

#### 3.3. Packaging and transportation

The Elevand SteadyStand Mobile Patient Lift is packaged in a bulk cardboard box and can be stacked for transport with a maximum of two pallet layers. The pallet is prepared following specific packing instructions. The device is protected with polyurethane profiles, bubble wrap, and stretch film. When moving the lift indoors, handle it carefully to avoid exposing the outer edges to impact or abrasion.

### 3.4. Storage

Store the device in a cool and dry room. The ambient conditions should ideally be within the following ranges:

- Ambient temperature: 10 ÷ 40°C (recommended 20°C or less);
- Air humidity: 30 ÷ 75%;
- Air pressure: 700 ÷ 1060 hPa.

## 4. GENERAL WARNINGS AND SAFETY MEANS



### CAUTION!

The manufacturer reserves the right to make design changes to the product that do not affect its basic functionality and safety requirements.



### CAUTION!

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### CAUTION!

Do not use the Elevand SteadyStand Mobile Patient Lift on surfaces with obstacles such as stairs or thresholds.



### CAUTION!

The lift should only be used for moving the patient and no other purposes.



### CAUTION!

Do not stand on the device's base legs during operation, as this may cause injury. Maintain adequate distances to allow the proper function of the leg spreading system.



### CAUTION!

The product can be used in humid areas such as the bathroom, but it is not suitable for use in the shower. Avoid foggy environments. The environmental conditions should be within the following limits:

- Ambient temperature: 10 ÷ 40°C
- Air humidity: 30 ÷ 75%
- Air pressure: 700 ÷ 1060 hPa



### CAUTION!

Avoid strong sunlight on the lift.

When using the Elevand SteadyStand mobile patient lift, adhere to the following guidelines:

1. Use the product only for its intended purpose.
2. The lift should be operated by medical personnel (assistants) or someone familiar with the instruction manual.
3. Before starting the device, read all the instructions to avoid damage from incorrect operation or other risks. The user manual contains important and necessary information.
4. Before starting the device without the patient, familiarise yourself with the functions described in section 6.
5. Ensure the patient's weight does not exceed the lift's safe working load.
6. Assess whether the patient is conscious, awake, and able to use the device before use.
7. Make sure to leave children unattended near the device.
8. Patients who cannot control their movements should not use the device.



9. Supervise the patient while using the device to prevent falls if the patient becomes unconscious.
10. Push the Elevand SteadyStand mobile patient lift at walking speed.
11. The manufacturer's or authorised service department should conduct maintenance and repairs.
12. If unusual noises occur, discontinue using the device and contact the service department or an authorised dealer.

## 5. PREPARATION FOR USE

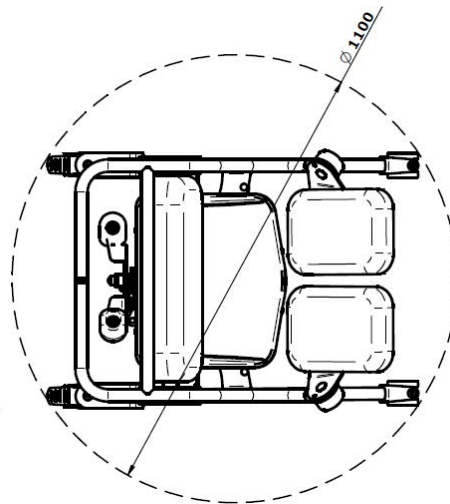
### 5.1. Operating location



**CAUTION!**

The manufacturer is not liable for damage resulting from improper (not compliant with the rules and regulations set out in the instruction manual) use of the product.

Choose the mobile lift's operating location so that there is adequate space for movement on each side of the device. Figure 3 shows the product's turning diameter.



**Figure 3 – Turning diameter of Elevand SteadyStand (dimensions in mm)**

### 5.2. Using the stop lever



**CAUTION!**

Make sure the parking brakes are locked before lifting/lowering the patient.

The stop lever (Figure 4) is a crucial component of the lift. Located on the rear casters, it prevents the device from moving during use. To immobilise the lift, press the locking lever with your foot. To release the brake, lift the lever.

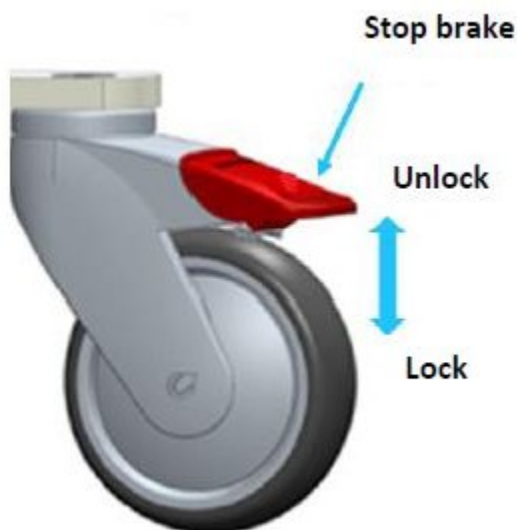


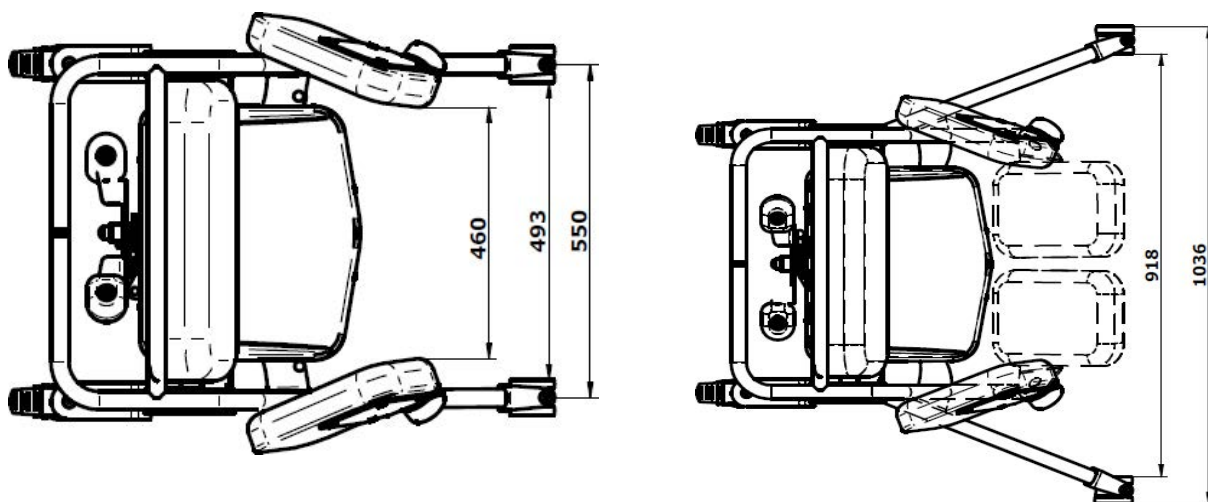
Figure 4 – Stop lever

### 5.3. Legs of the base spreading.



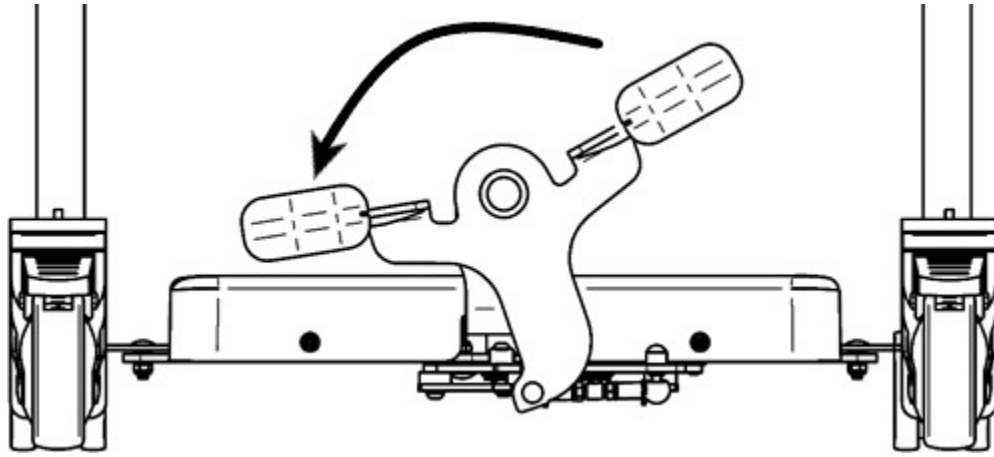
Use the lever with the brake unlocked.

CAUTION!

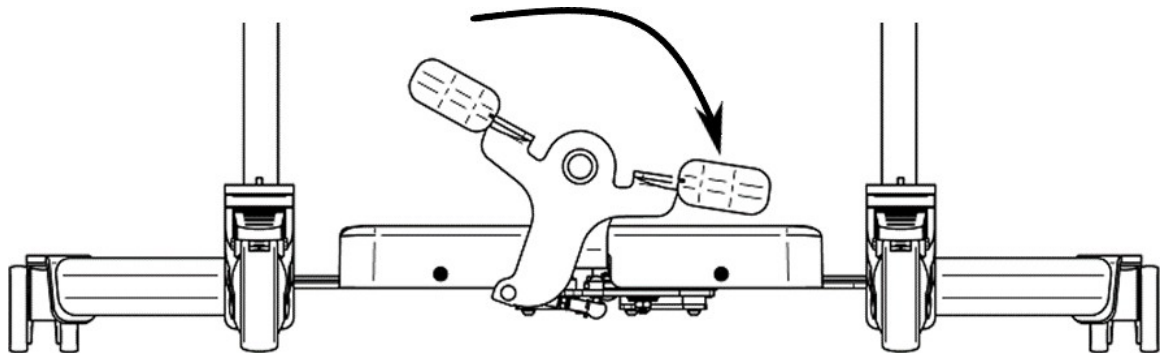


The lift's leg spread feature allows it to be used when the patient is sitting on a chair or other furniture requiring a wider base. Use the foot lever to adjust the width of the unit's legs: pressing on the lever's right side expands the legs while pressing on the left side narrows them.

Figure 5a – Spreading range of the device's legs (dimensions in mm)



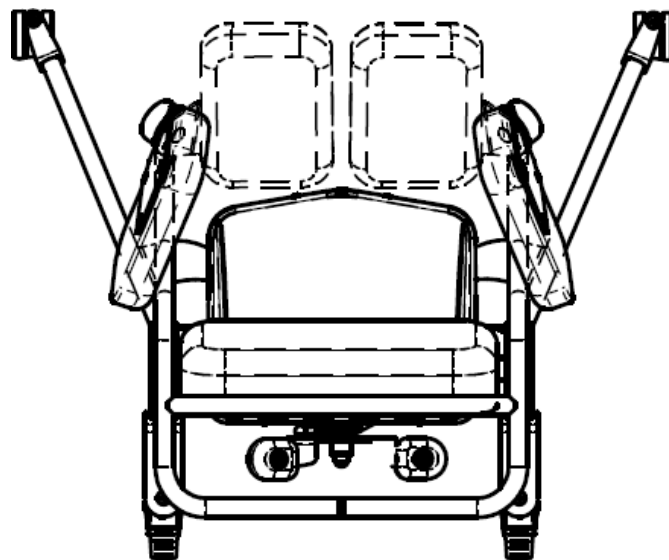
*Figure 5b – Lever position to the left - legs closed*



*Figure 5c – Lever position to the right - legs open*

#### **5.4. Pivot cushions**

To position the seat under the patient, rotate one part of the two-piece seat from the open to the closed position. Repeat this step on the other side.



*Figure 6 – Pivot cushions*

## 6. PATIENT LIFTING AND TRANSPORT

Before using the device, the assistant should always consider the patient's medical condition and physical and mental capabilities. Additionally, the patient must meet the following criteria:

- Maximum body weight of 180 kg.
- Ability to stand independently or with minimal assistance.
- Ability to sit actively, maintaining an upright trunk.
- Height between 150 and 190 cm.

**6.1. Lifting the Patient from a Sitting Position** To lift a person needing assistance, follow these steps:

1. Rotate both seat halves upward.
2. Approach the patient. If necessary, spread the device's legs.
3. Position the Elevand SteadyStand so that the patient's feet rest on the footrest and their knees make contact with the knee rest.
4. Lock the parking brakes before the patient stands.
5. Ask the patient to hold the handle and assist or encourage them to stand up.
6. Ensure the patient's knees remain in contact with the knee pad during lifting.
7. With the patient standing on the lift, lower both halves of the seat and ask the patient to sit.
8. Unlock the parking brakes and transport the patient to their destination.

**6.2. Lowering the Patient to a Sitting Position** To lower a person needing assistance to a sitting position, follow these steps:

1. Position the lift over the intended seat (chair, wheelchair, bed, etc.). If necessary, spread the device's legs.
2. Lock the parking brakes.
3. Ask the patient to stand.
4. As the patient stands, rotate both seat halves upward.
5. Ensure the patient remains seated and holds the handle at all times.
6. Once the patient is in the desired seat, unlock the parking brakes and move the device away.

## 7. CLEANING AND DISINFECTION



### CAUTION!

The Elevand SteadyStand Mobile Patient Lift must be cleaned and disinfected at each patient change and before re-use.

Cleaning is essential for effective chemical disinfection. Routine cleaning suffices when the lift is used consistently by the same patient. Disinfection becomes necessary only when the material is visibly contaminated or exposed to potentially infectious substances (such as blood, stool, and pus) or when caring for infected patients, as a doctor advises.

### 7.1. Cleaning Patient Contact Surfaces

1. Clean the handle surfaces:

- Remove all straps and detach any non-lift components

- Clean the surfaces using mild and environmentally friendly cleaning agents (e.g., Icodin Foam). This also

applies to cleaning the manual switch.

- Follow the manufacturer's instructions for cleaning the ING strap.

2. Avoid wetting the patient's lifting strap.
3. Use Icodin Foam to disinfect accessible areas of handles and construction components.
4. Disinfect casters only if they come into visible contact with infected or potentially infected material.
5. Do not use:
  - Pastes, waxes, or sprays.
  - Strong detergents, solvents, or cleaning agents containing solvents, alcohol, or leather cleaners.

**Using such agents may lead to stiffness, cracking of materials, or changes in surface gloss, which are not covered under warranty.**

## 8. MAINTENANCE

### 8.1. Maintenance of the support structure mechanism

1. Clean metal parts of the structure using a soft, damp cloth, ensuring surfaces are dried thoroughly afterwards. Avoid using cleaning products containing alcohol.
2. Lubricate all movable components every six months or when loud noises occur during operation. These components include casters, actuators, bearing sleeves, and joints of the base legs and lifting arm. Recommended lubricants include commercially available penetrating and lubricating preparations (e.g., Wurth HHS 2000). Any excess lubricant should be promptly removed with a dry cloth.
3. Periodically inspect threaded connections every six months. Address any detected looseness promptly. Report unresolved issues of unavoidable looseness to the manufacturer's Service and discontinue device use until resolved. Notify the manufacturer's service department of any irremovable backlash on connections and cease device operation until the issue is resolved.

### 8.2. Expected service life



**CAUTION!**

The estimated service life of the Elevand SteadyStand Mobile Patient Lift is 7 years, provided that preventive maintenance is carried out in accordance with the manufacturer's maintenance guidelines.

After seven years from the date of production of the device and its accessories, the manufacturer bears no responsibility for defects in the device and its accessories, nor for any resulting consequences. The manufacturer also disclaims responsibility for any consequences arising from incorrect installation, incorrect diagnosis, improper use of the device and its accessories, misinterpretation of instructions, or repairs performed by unauthorised persons.

## 9. WHAT TO DO IF THE DEVICE DOES NOT WORK?

Symptoms of malfunction	Procedure
Poor manoeuvrability	<ol style="list-style-type: none"> <li>1. Check casters for damage or wear.</li> <li>2. Remove debris from wheels.</li> </ol>

Legs do not spread or taper

1. Check if the leg swing mechanism is damaged. Contact service for repair.

If the fault symptoms persist, stop using the lift and contact the supplier:

Service:

E-mail: [service@chshealthcare.com.au](mailto:service@chshealthcare.com.au)

Tel. 1300 789 420

## 10. RECYCLING INFORMATION



**Figure 6 – Recycling the Elevand SteadyStand mobile patient lift**



