



USER GUIDE



ORCHIDlift

Independence  Comfort



Modular design with multiple functionalities



No hydraulics, no electronics, no batteries



Compact, easy to store, excellent maneuverability on multiple surfaces



Lift as much as 300 lbs using our safe and proprietary lifting mechanism

A new experience in providing care. ORCHIDlift is a complete solution for everyday mobility needs. Our innovative design allows our product to improve the caregiver experience in areas such as Transfer, Restorative Care, Support and Lifting.



BLUE ORCHID



TABLE OF CONTENTS

Special Requirements.....	4-5
Symbol Legend.....	6
Basic Functions.....	7
Attaching Accessories.....	8-9
How It Works: Sit-To-Stand Assistance.....	10-11
How It Works: Restorative Care.....	12-13
How It Works: Lifting.....	14-15
How It Works: Transfer.....	16-17
Product Specification.....	18



DO NOT OPERATE THIS DEVICE WITHOUT FIRST FULLY READING AND UNDERSTANDING THIS MANUAL. IF THERE ARE ANY ISSUES OR CONFUSIONS WITH REGARDS TO INSTRUCTIONS LAID OUT IN THIS DOCUMENT PLEASE CONTACT US DIRECTLY. IF YOU ARE A HEALTH CARE PROVIDER AND WOULD LIKE A DEMONSTRATION OR FURTHER EXPLANATION PLEASE CONTACT US DIRECTLY.



SPECIAL REQUIREMENTS AND CONDITIONS



Patient Requirements

The patient must meet the following requirements before using the device:

- The patient must not exceed the maximum weight capacity of 300 lbs
- Minimum balance (with support from care provider if necessary)
- Minimum ability to grasp handles
- Minimum ability to bear some body weight on legs
- Can understand and follow instructions
- Has the ability to support their head, neck and torso
- Has the ability to bend knees and ankles



Intended Environment

The Orchid lift is intended for indoor use and should not be used under the following conditions:

- On icy floor or snow covered ground
- On wet floor
- Uneven floors



Actions Taken Before Use



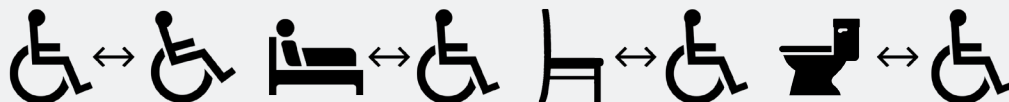
Before using the device the following actions should be performed:

- The patient must be examined in order to make sure they have the ability to safely use the device and meet the conditions described under the patient requirement section above.
- The base and the wheels must be locked by the caregiver, and checked to insure the stability of the device during the transfer.
- The caregiver must clearly explain to the patient the steps required for the lifting process.
- Before pulling the main frame the caregiver must make sure the patient has firm grips on the handles.
- The caregiver must provide a count down before pulling the patient up, as the initial sudden movement or momentum created by the pulling of the frame while the patient is attached can be confusing to patients with cognitive disabilities.



Intended Applications

ORCHIDlift is designed to help caregivers lift and transfer the patient from a seated position between a bed and a chair, wheelchair, as well as toilet seats.

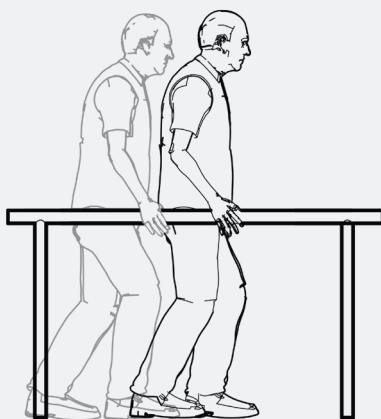


With regards to lift and transfers: ORCHIDlift is only designed to lift from a seated position and as such the patient must be able to maintain their seated posture without assistance. ***ORCHIDlift is not intended to lift patients off the floor due to falls or other accidents.***

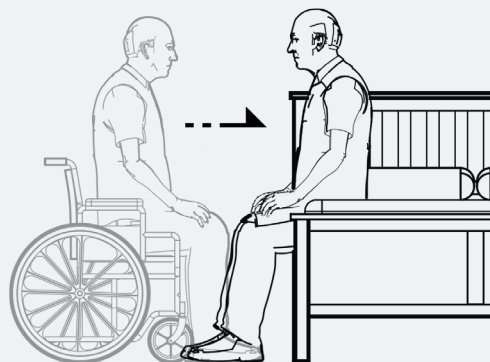
ORCHIDlift is designed to be versatile and modular allowing the device to be used for multiple different mobility related applications depending on the needs of the care recipient. The three main areas we focus on include:



Sit to Stand: Assistance



Sit to Stand: Restorative Care



Sit to Stand: Lift and Transfer



SYMBOL LEGEND

Symbol

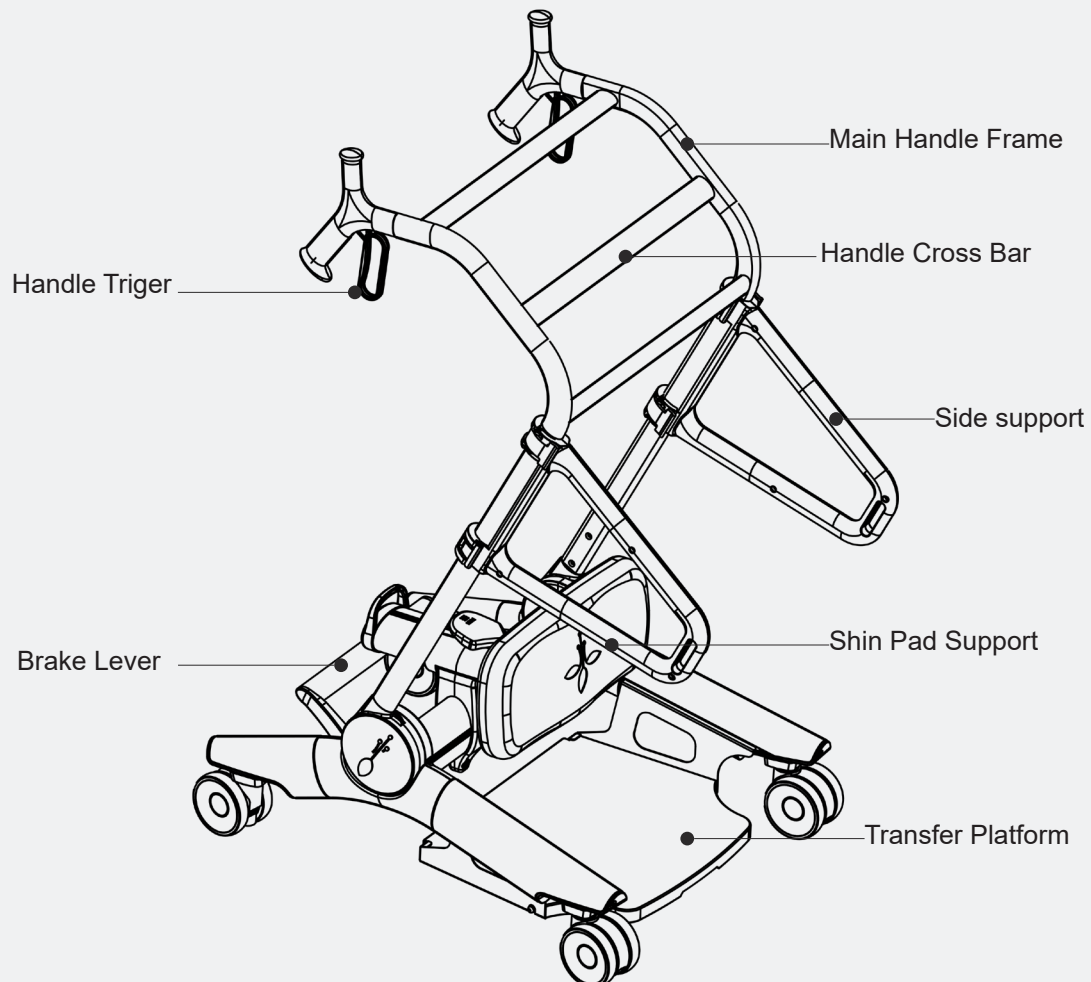


The following symbol indicates immediate attention from the care provider. instructions followed by the following sign are mandatory and should not be ignored as they effect the performance of the device.



The following symbol indicates potential for direct harm to the caregiver or the care recipient. Instructions followed by this sign have a direct impact on the safely of the end users and must be followed.

Reference terms



Basic functions

1) Locking and unlocking the wheels:

In order to lock the wheels on the device simply press the brake lever down with your feet as shown by Figure 1.
In order to unlock the wheels simply bring the brake lever back up as shown by Figure 2.

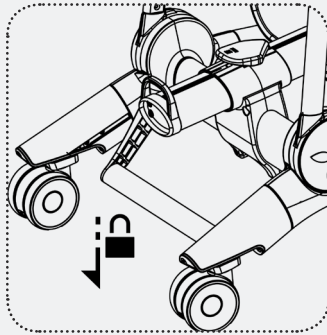


Figure 1-Lock

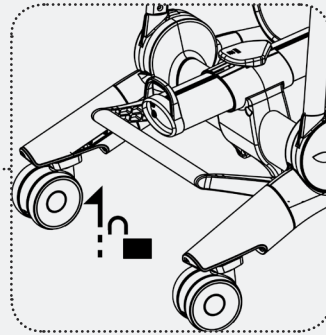


Figure 2-Unlock

2) Locking and unlocking the shinpad support:

In order to adjust the shin pad support simply push the frame forward with your feet as shown by Figure 3. The design of the shin pad allows the attachment to move freely in one direction and lock in the opposite direction.
To unlock and adjust the shin pad in the opposite direction simply push down on the pedal on top and pull the attachment back as shown by Figure 4.

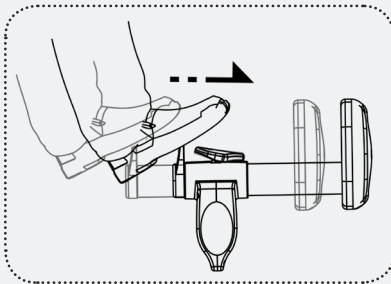


Figure 3

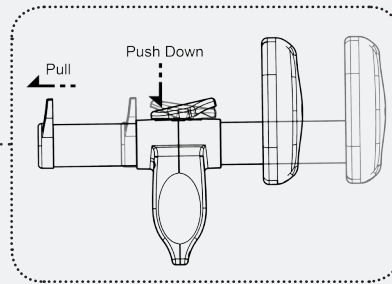


Figure 4

3) Locking and unlocking the main handle frame:

In order to move the main handle frame simply pull the handle triggers and push or pull the main handle in the desired direction as shown by Figure 5. Letting go of the handle triggers will lock the handle in the desired angle instantly as shown by Figure 6.



Figure 5

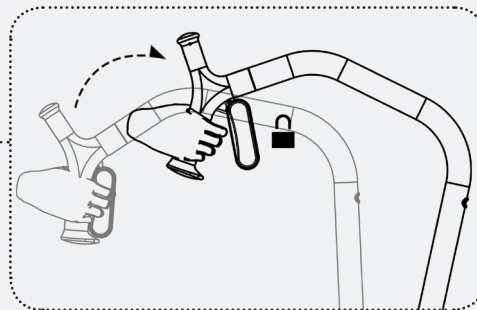
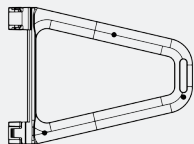


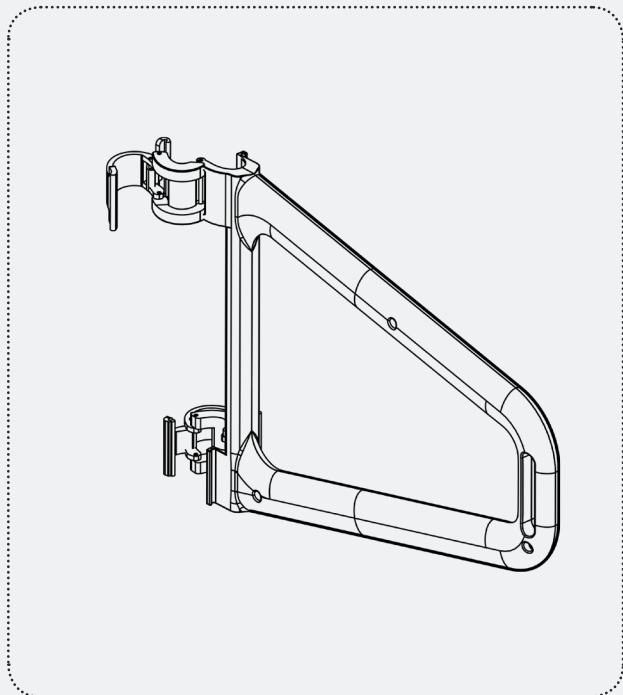
Figure 6



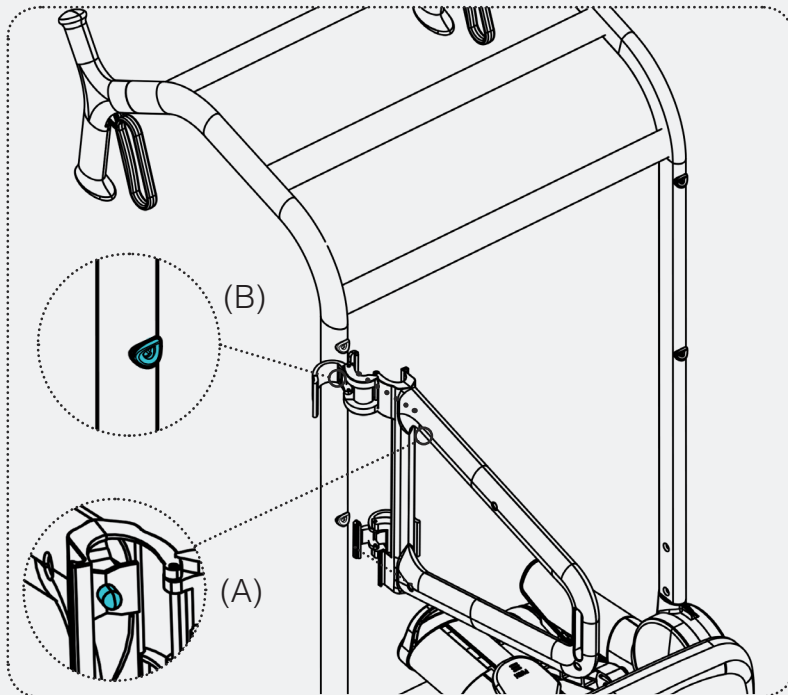
ATTACHING ACCESSORIES



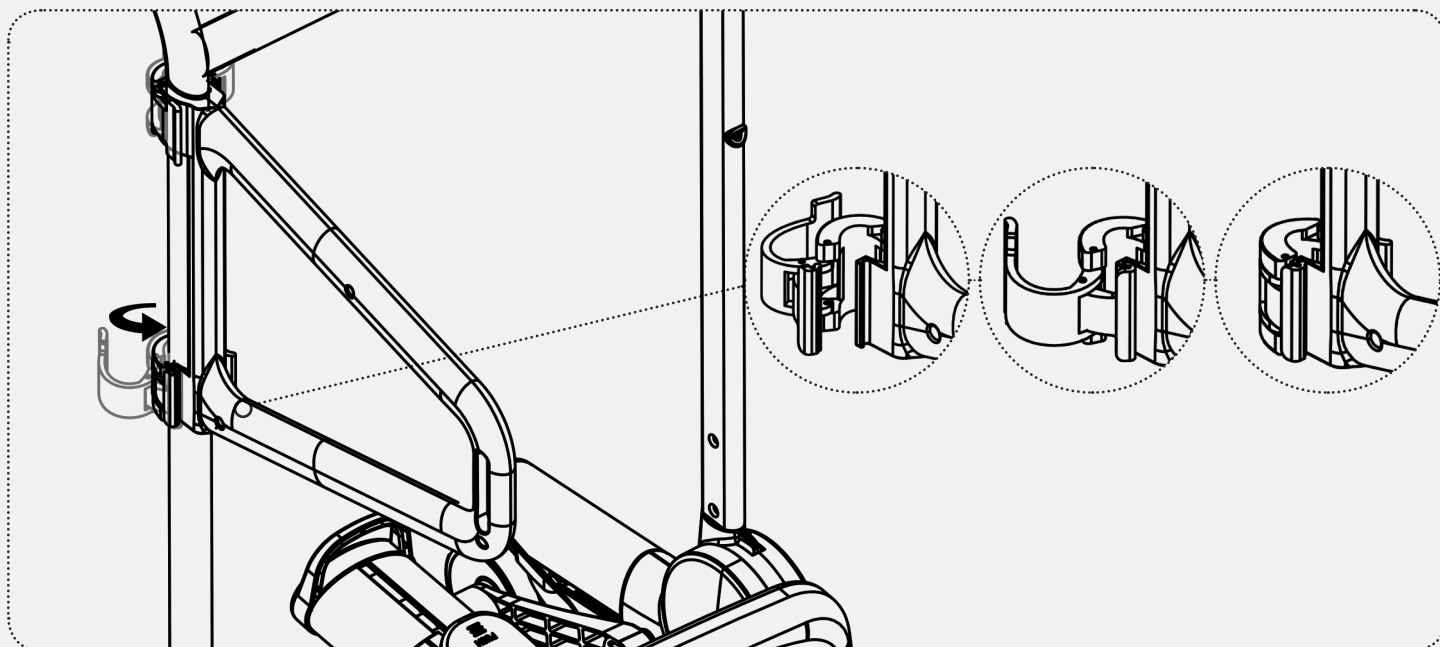
How to attach the side support



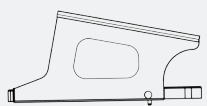
1 Open the latch on the side support



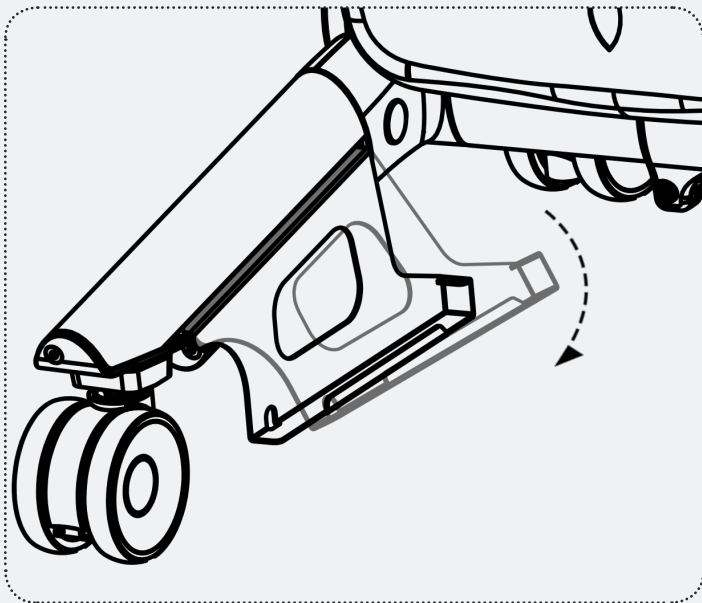
2 Align the side support pin (A) with the pin hole (B) on the main frame



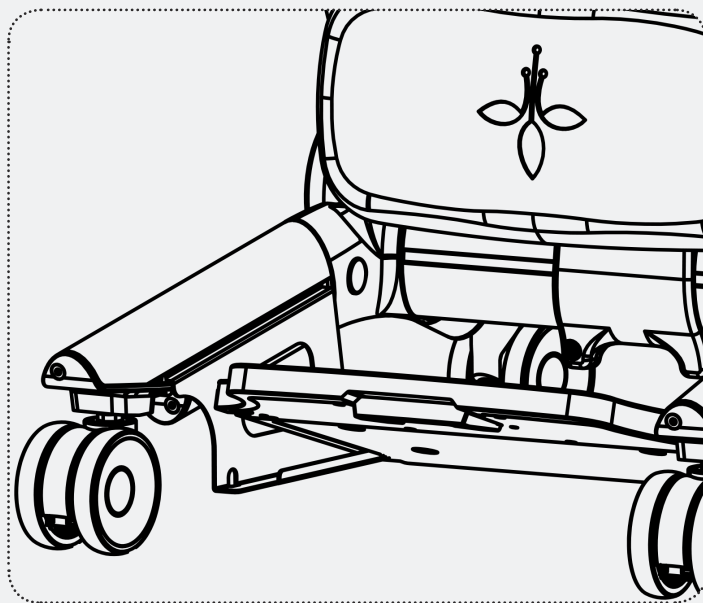
3 Insert the side support into the pin hole (B) on the main frame and close the latch



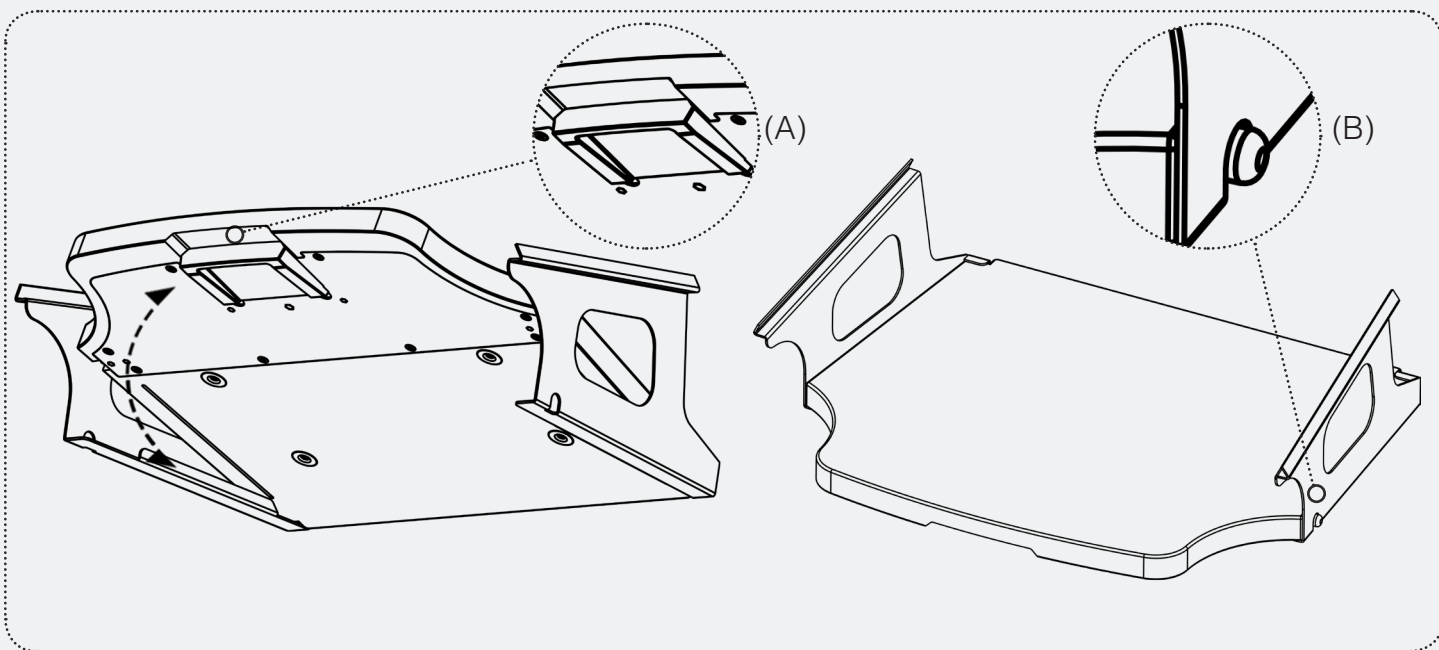
How to attach the transfer platform



1 Drop the transfer platform brackets into the front legs of the device as shown above



2 Align the platform with the brackets. Ensure the grooves at the bottom of platform are aligned with the two brackets



3 Pull lever (A) under the platform to pull back pins on both sides of the platform. Slowly push the platform down. Once the platform falls into place let go of lever (A). Ensure both pins (B) are inserted into the brackets

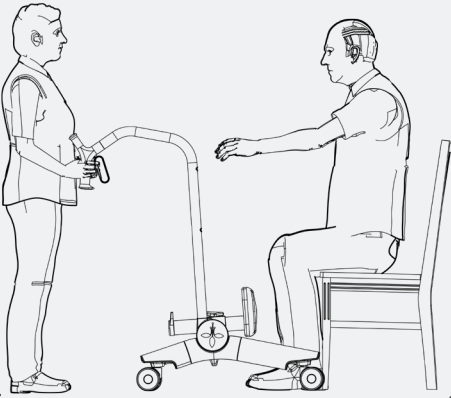


HOW IT WORKS



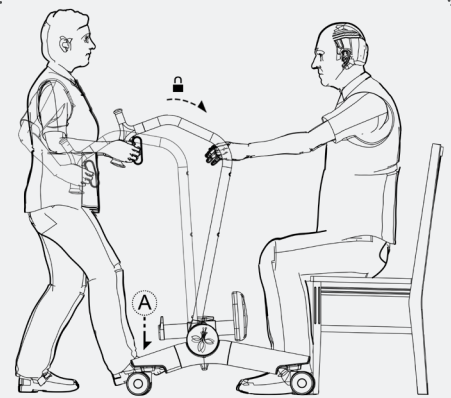
Sit to Stand: Assistance

ORCHIDlift is the perfect solution for care recipients that require just enough stability to stand up on their own. This creates a safe and secure way to help care recipients with sit-to-stand.



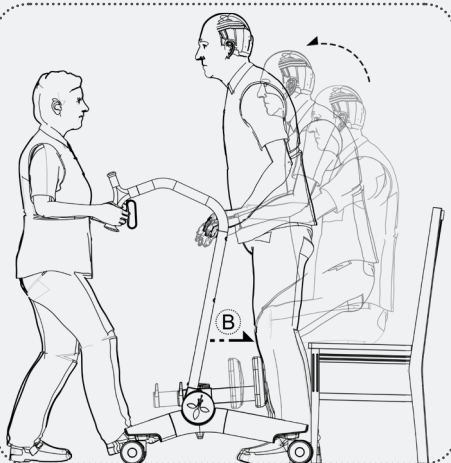
STEP 1

- Bring the device close to the care recipient.
- The front wheels of the device should be placed in front of the surface from which the sit-to-stand is intended e.g. Chair, beds, wheelchairs



STEP 2

- Lock wheels by pressing the foot brake lever down
- Keep feet on the brake lever, pull the handle triggers and slowly push the frame towards the care recipient
- Once the care recipient can comfortably reach the lowest bar, simply let go of the handle triggers which locks the frame in place



STEP 3

- Push shin pad support forward with your feet until it reaches the care recipient's knees
- Make sure the shin pad support is locked in position
- Keep your feet on the lever brake to ensure stability of the device
- Ask the care recipient to slowly pull themselves up by using the lower cross bar on the main frame



Optional accessories: The following accessories could be used in this phase if more security or stability is needed for the care recipient.

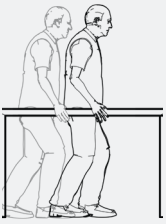
- **Side support**
- **safety belt**



THE SIT-TO-STAND ASSIST PHASE OF THE DEVICE DOES NOT USE THE TRANSFER PLATFORM ATTACHMENT. BECAUSE OF THIS THE CARE PROVIDER MUST HAVE HIS/HER FEET ON THE BRAKE LEVER TO KEEP THE DEVICE STABILIZED SPECIALLY DURING THE TIME WHEN THE CARE RECIPIENT IS ATTEMPTING TO STAND UP. IF THE DEVICE IS NOT SECURED DOWN, THERE IS A CHANCE IT CAN TIP OVER AND CAUSE INJURY.

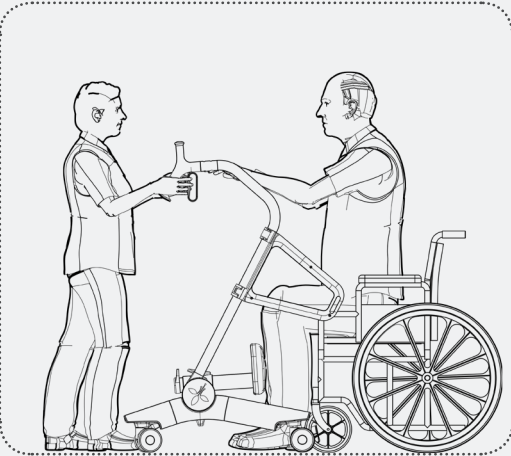


HOW IT WORKS



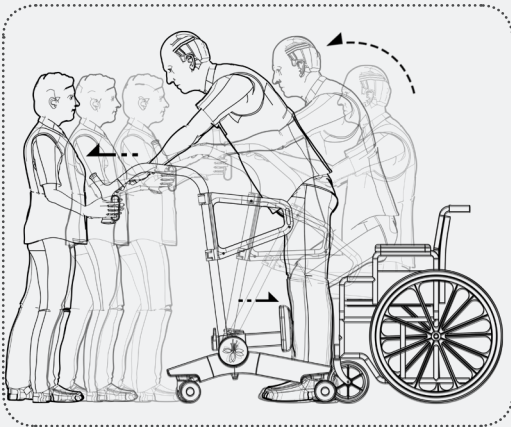
Sit to Stand: Restorative Care

ORCHIDlift is an active mobility device, encouraging the care recipient to actively engage their muscles as the care provider helps them with actions such as sit to stand or walking. This is perfect in scenarios where sit-to-stand or strength training is needed.



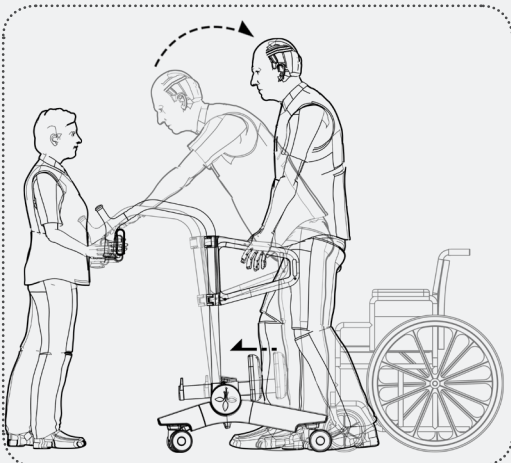
STEP 1

- Bring the device close to the care recipient
- Ensure the wheels of the device are relatively align with the surface from which the sit-to-stand is intended
- **DO NOT** push the device pass the intended surface i.e., chairs, wheelchairs or beds. This will greatly affect the ergonomics of the device and cause the lifting process to fail (please refer to figure (A) and (B) on page 13)



STEP 2

- Lock wheels by pressing the foot brake lever down.
- Push shin pad support forward with your feet until it reaches the care recipient's knees
- Ask the care recipient to reach forward and grab one of the three cross bars on the main handle depending on their height and comfort level
- Make sure the shin pad support is locked in position
- Communicate with the care recipient the intend to lift
- Count to three, press the handle triggers and pull back the main handle with some force



STEP 3

- Assist the care recipient while they straighten their back using the main frame.
- Move the shin pad support back.
- Allow the care recipient to take a step into the device.

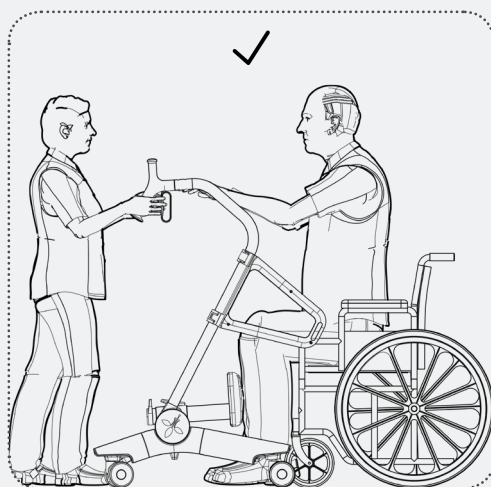


Necessary accessories: The following accessories must be used to perform sit-to-stand restorative care. For more information on how to attach accessories please refer to the accessory section page 8-9.

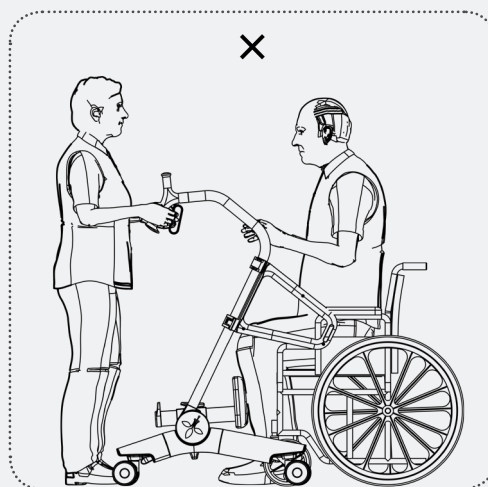
- Side support
- Safety belt



IMPORTANT NOTE: IN ORDER FOR THE DEVICE TO PERFORM CORRECTLY THE FOLLOWING CONDITION MUST BE MET.



(A)



(B)

- As shown by **Figure (B)** above moving the device too close to the patient will cause the arms to be bent. In order for the ergonomics of the device to perform properly one or both of the arms needs to be relaxed and relatively extended. **Figure (A)** above demonstrates the correct positioning and ergonomics of the device.

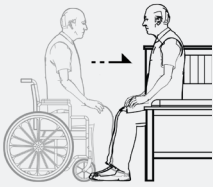
- Initial force is required by the caregiver when pulling back the handle of the device. Slowly pulling back the handle will not create enough momentum to lift the patient.



THE SIT-TO-STAND RESTORATIVE CARE PHASE OF THE DEVICE DOES NOT USE THE PATIENT PLATFORM ATTACHMENT. BECAUSE OF THIS THE CARE PROVIDER MUST HAVE HIS/HER FEET ON THE BRAKE LEVER TO KEEP THE DEVICE STABILIZED SPECIALLY DURING THE TIME WHEN THE CARE PROVIDER IS ATTEMPTING TO LIFT THE CARE RECIPIENT. IF THE DEVICE IS NOT SECURED DOWN, THERE IS A CHANCE IT CAN TIP FORWARD.

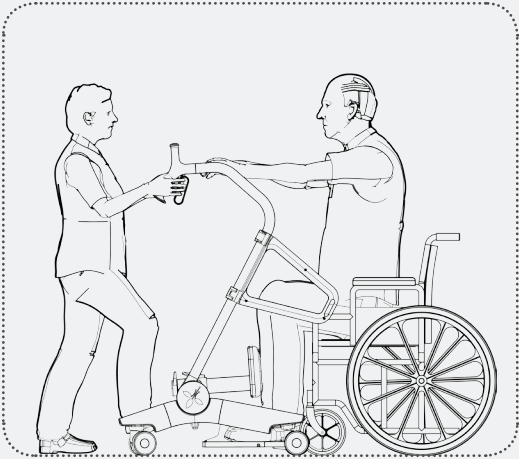


HOW IT WORKS



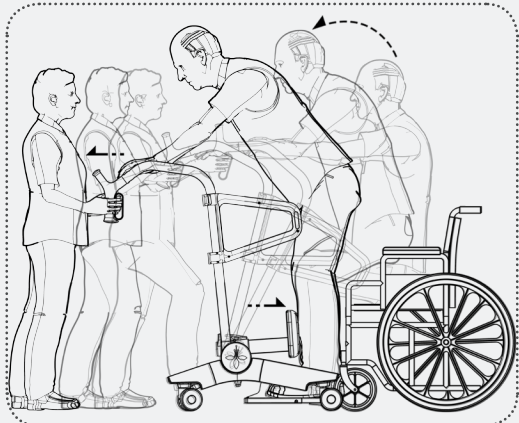
Sit to Stand: Lift

For care recipients that require a full transport, ORCHIDlift provides a removable platform that can easily be attached. In this scenario, ORCHIDlift can be used to provide short distance transfers such as moving the care recipient from wheelchair to chairs, beds or any other desired location.



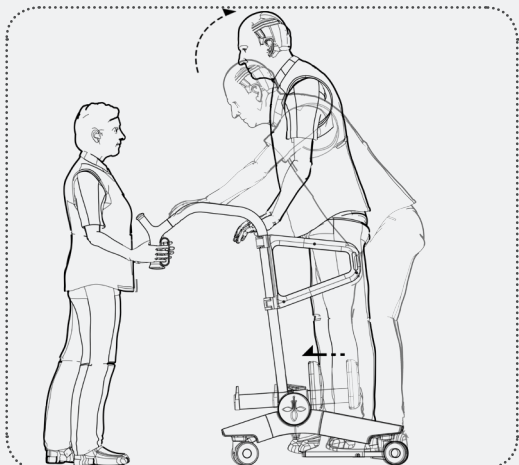
STEP 1

- Bring the device close to the care recipient
- Ensure the wheels of the device are relatively align with the surface from which the sit-to-stand is intended
- **DO NOT** push the device past the intended surface i.e., chairs, wheelchairs or beds. This will greatly affect the ergonomics of the device and cause the lifting process to fail (please refer to figure (A) and (B) on page15)



STEP 2

- Lock wheels by pressing the foot brake lever down
- Push shin pad support forward with your feet until it reaches the care recipient's knees
- Ask the care recipient to reach forward and grab one of the three cross bars on the main handle depending on their height and comfort level
- Make sure the shin pad support is locked in position
- Communicate with the care recipient the intend to lift
- Count to three, press the handle triggers and pull back the main handle with some force



STEP 3

- Assist the care recipient to straighten their back using the main frame
- Move the shin pad support back
- Allow the care recipient to take a step into the device (for the transfer phase it is recommended that the care recipient be all the way in the device towards the main frame)
- Unlock the wheels
- Transfer to the desired location

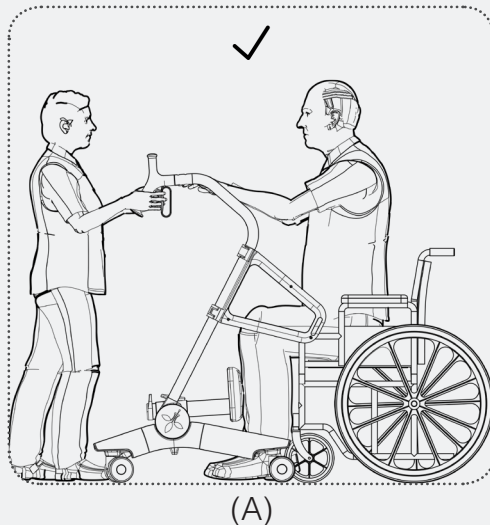


Necessary accessories: The following accessories must be used to perform sit-to-stand lift. For more information on how to attach accessories please refer to the accessory section page 8-9.

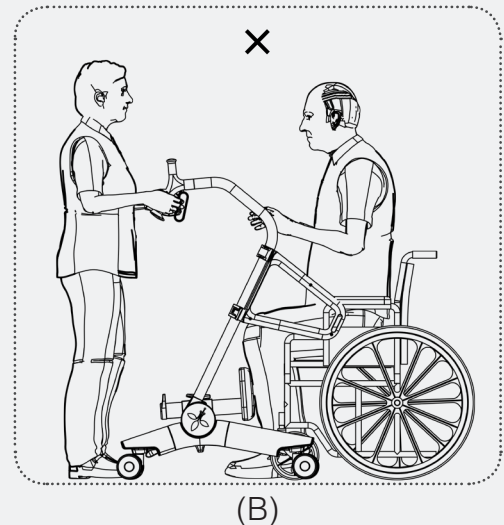
- Side support
- Safety belt



IMPORTANT NOTE: IN ORDER FOR THE DEVICE TO PERFORM CORRECTLY THE FOLLOWING CONDITION MUST BE MET.



(A)



(B)

- As shown by **Figure (B)** above moving the device too close to the patient will cause the arms to be bent. In order for the ergonomics of the device to perform properly one or both of the arms needs to be relaxed and relatively extended. **Figure (A)** above demonstrates the correct positioning and ergonomics of the device.
- Initial force is required by the caregiver when pulling back the handle of the device. Slowly pulling back the handle will not create enough momentum to lift the patient.

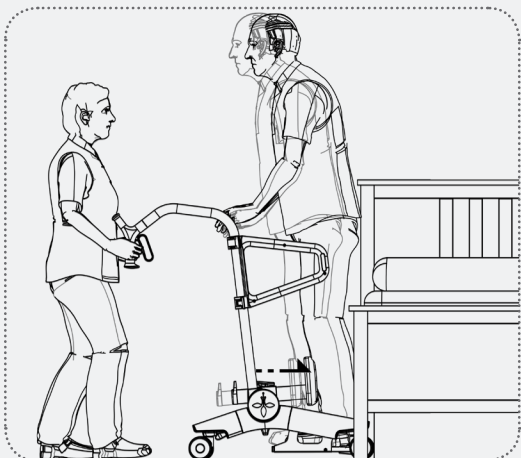


HOW IT WORKS



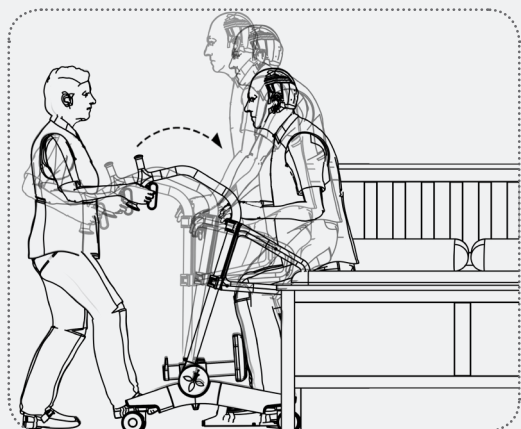
Sit to Stand: Transfer

ORCHIDift is only designed to lift from a seated position and as such the patient must be able to maintain their seated posture without assistance. **ORCHIDift is not intended to lift patients off the floor due to falls or other accidents.**



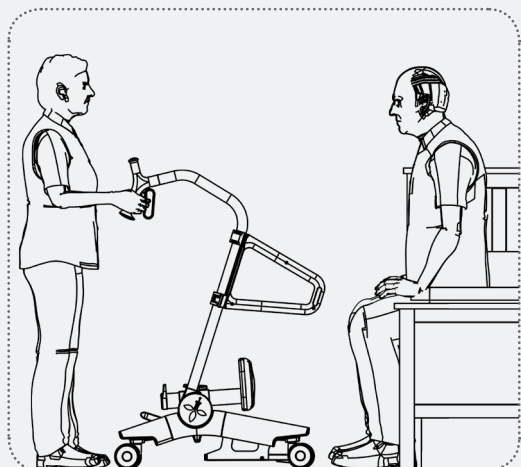
STEP 1

- Bring the device as close to the desired location as possible (unlike the lifting up phase the lowering back down requires the device to be as close to the desired location as possible)
- Lock wheels fully
- Assist the care recipient to take one step back
- Move the shin pad support forward until it reaches the knees of the care recipient once again



STEP 2

- Place your feet on the brake lever
- Communicate with the care recipient the intent to lower he/she down
- Count to three and pull the handle trigger to unlock the main frame
- Slowly bring the main frame down, while simultaneously asking the care recipient to slowly sit back down
- Keep your feet on the brake lever until the care recipient is fully seated (this is to prevent any tipping or sudden movements)



STEP 3

- Unlock the wheels and move the device back



Necessary accessories: The following accessories must be used to perform sit-to-stand transfer. For more information on how to attach accessories please refer to the accessory section page 8-9.

- **Side support**
- **Safety belt**



ORCHIDLIFT IS ONLY DESIGNED FOR SHORT DISTANCE TRANSFERS SUCH AS FROM A CHAIR TO A BED, WHEELCHAIR AND OTHER LOCATIONS NEAR THE CARE RECIPIENT. ORCHIDLIFT IS NOT A TRANSPORT DEVICE AND SHOULD NOT BE USED INSTEAD OF A WHEELCHAIR.



THE DEVICE SHOULD MOVE AT A RELATIVELY SLOW SPEED WHEN THE CARE RECIPIENT IS STANDING ON THE TRANSFER PLATFORM.



DON'T MOVE OVER UNEVEN SURFACES SUCH AS CARPETS OR OTHER SMALL OBSTACLES AT FULL SPEED. BEFORE TRANSITIONING FROM ONE SURFACE TO THE NEXT THE DEVICE MUST COME TO A FULL STOP. MOVING THE DEVICE AT FULL SPEED OVER BUMPS OR OTHER UNEVEN SURFACES WILL CAUSE A SUDDEN SHAKE IN THE DEVICE. THIS WILL LEAD TO AN UNEASY EXPERIENCE FOR THE CARE RECIPIENT. IN SOME CASES, IT CAN ALSO CAUSE THE DEVICE TO TIP WHICH CAN LEAD TO INJURIES.

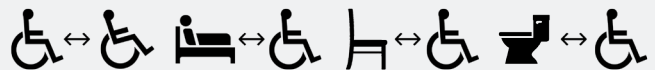


PRODUCT SPECIFICATIONS

Material	Aluminum, Plastic
Length of base	29.5" / 749 mm
Width of base (inner measurement)	18" / 457 mm
Width of base (outer measurement)	23" / 584 mm
Height	45" / 1143 mm
Height of footplate	1.96" / 49.7 mm
Safe working load	300 lbs/ 136 kg



Wipe ORCHIDlift with a soft cloth and standard solvent-free cleaning agent. Use 70% alcohol if there is a need for disinfection. Remove any hair or fluff when required from the wheels and make sure the wheels rotate freely



A new experience in providing care. ORCHIDlift is a complete solution for everyday mobility needs. Our innovative design allows our product to improve the caregiver experience in areas such as Transfer, Restorative Care, Support and Lifting.



B L U E O R C H I D

Blue Orchid Care Inc.
175 Longwood Rd S, Hamilton, ON L8P
0A1
www.blueorchidcare.com