



# CLINICAL ASSISTANCE GUIDE

SITNSTAND LIFT ASSIST – WHEELCHAIR

# SitNStand Lift Assist – Wheelchair

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The **SitNStand for Wheelchairs** is a comfortable wheelchair cushion and lifting aid, comprised of a powered inflatable air bladder, covered by 4cm of memory foam. It is designed to assist the user to sit and stand more safely and independently from their wheelchair.

With in-built safety features to ensure stability and security during lifting and lowering, its adjustable design enables it to be used with a variety of wheelchair sizes.

An attached hand control, with intuitive up and down arrows, makes it easy for the wheelchair user, or carer, to operate.

Lightweight, portable and quick and easy to attach and remove from a wheelchair, the SitNStand is the perfect wheelchair accessory to promote independence when using a wheelchair within the home, or when out and about.



## FEATURES

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|-----------------------------|--|
| Sturdy Construction         | <ul style="list-style-type: none"><li>• Built with durable materials for long-lasting performance</li></ul>  |
| Enhanced Safety             | <ul style="list-style-type: none"><li>• Built-in safety features ensure stability and security during lifting and lowering process</li></ul>   |
| Smooth Operation            | <ul style="list-style-type: none"><li>• Powered inflation unit provides smooth and effortless transitions from sitting to standing and vice versa</li><li>• Powered inflation unit provides 3 levels of inflation/deflation of up to 25cm, provides the optimal height to assist transfers</li></ul> |
| Portable and Lightweight    | <ul style="list-style-type: none"><li>• Take your lift assist wherever you go with its portable and lightweight design</li></ul>   |
| Adjustable Design           | <ul style="list-style-type: none"><li>• Accommodates various wheelchair sizes</li></ul>  |
| Visco/memory foam cushion   | <ul style="list-style-type: none"><li>• 4cm of memory foam provides a comfortable sitting surface and covers the inflation system</li></ul>  |
| Intuitive hand control      | <ul style="list-style-type: none"><li>• Attached hand control with intuitive up/down arrows make operating the lift assist simple</li><li>• Simple push of the button to activate each inflation/deflation level (push and hold of the button is not required)</li></ul>                             |
| Simple Installation         | <ul style="list-style-type: none"><li>• Quick and easy to install on a wheelchair making it convenient for use when out and about</li></ul>  |
| High Safe Working Load      | <ul style="list-style-type: none"><li>• Up to 180kg/400lbs</li></ul>   |
| Rechargeable Li-Ion battery | <ul style="list-style-type: none"><li>• Easily removed and charged</li><li>• Charge lasts for 4-7 days</li><li>• Orange light on the hand control indicates when battery needs charging</li><li>• Supplied with a wall battery charger with a 1 metre cable</li></ul>                                |

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## ACCESSORIES

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### Replacement

- Lithium Ion Battery (LSS403720)
  - Battery Charger (LSS403730)
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## IDEAL USER CONDITIONS

The SitNStand for wheelchairs would benefit wheelchair users who:

- Can walk short distances within the home or community but use a wheelchair due to lower limb weakness, reduced balance or reduced endurance
- Have difficulty standing due to reduced strength, neuromuscular conditions, back or leg pain, fatigue or other limiting issues
- Have reduced balance or control when lowering to sit due to lower limb weakness or reduced motor control
- Have fluctuating abilities during the day and require the inflation cushion for times that they require increased assistance, or to reduce the manual handling load for the carer
- Have difficulty standing independently but once standing, are able to walk from their wheelchair
- Use a recline and lift chair to assist them to stand/sit within the home and require a portable option when accessing the community or travelling
- Are reconditioning after illness, surgery or injury, enabling return to standing from graduated seat heights and controlled sitting from a standing position

### Considerations:

- The memory foam cushion provides a comfortable support surface for sitting, however the user needs to be able to self-manage pressure area care through postural change, when sitting for an extended duration
- The user should be instructed on safe use for transfers i.e.
  - Apply brakes to the wheelchair
  - Flip up or swing away the footplates and place feet flat on the floor
  - Lean forward as the cushion is inflated, to ensure feet remain flat on the floor
  - When inflated to the appropriate height for safe transfers, use the armrests for support into standing
- To assist with controlled sitting on return to the wheelchair, the cushion can be left inflated
- For clients with cognitive impairment, the SitNStand for wheelchairs should be used with a caregiver
- Ensure that the cushion is fully deflated before wheeling the person in the wheelchair
- The cushion should not be inflated when the person is seated under a table or other overhanging surface
- The cushion should not be used in a vehicle
- The SitNStand for wheelchair is an aid to assist with sitting and standing to/from a wheelchair. It is not intended to be used to raise the height of the sitting surface for sitting at a raised height.

## CLIENT OUTCOMES

### Increased safety and independence and reduced falls risk:

- Improves ease and safety of transfers for wheelchair users with pain, joint stiffness, reduced strength or motor control, that make it difficult or painful to stand safely or independently from their wheelchair
- The wheelchair user is able to control their sit-to-stand or stand-to-sit transfers by inflating the cushion to an optimal height for safe transfers
- Inflating to optimal height may assist muscles to engage to enable standing and balance before walking

### Improved occupational engagement in daily activities:

- The SitNStand for wheelchairs enables a person to stand more easily, promoting mobility and easier access to daily activities that could otherwise be daunting due to the effort required to stand
- Promoting ease of standing will enable wheelchair user to stand to complete daily activities e.g. accessing the bathroom or toilet; standing within the kitchen for independent meal or drink preparation; standing to reach items within the home or community




### Manual handling support for carers:

- Enabling wheelchair user to stand and sit independently from/to the wheelchair reduces the need for the carer to physically assist with transfers, reducing potential injury risks to themselves or person they care for
- For wheelchair users with cognitive impairment, the carer is able to instruct the user and able to control the transfers

### Improved health and wellbeing:

- Reducing pain or difficulty associated with standing will promote occupational engagement that can reduce frustration and the feeling of dependency
- Improved independence and control can have positive impacts on health and wellbeing

## SPECIFICATIONS

| Suitable Wheelchairs<br>(W x D)                    | Seat Footprint<br>(Deflated)   | Seat Footprint<br>(Inflated)     | Product<br>Weight | SWL<br>121kg  | SWL<br>19st  |
|--|--------------------------------|----------------------------------|-------------------|---|--|
| 43 – 53.5 x 43 – 48.5 cm<br>16.9 – 21 x 16.9 – 19" | 40 x 53 x 5 cm<br>16 x 21 x 2" | 40 x 48 x 25 cm<br>16 x 19 x 10" | 3.2kg<br>7lbs     |   |  |
|  |                                |                                  |                   |  |  |

## MAINTENANCE

### To maintain the SitNStand for Wheelchairs:

- Protect the SitNStand for Wheelchair from dust/dirt
- Use a soft dry brush to clean the fabric surfaces
- Use a damp cloth to clean the plastic surfaces
- Do not use solvents or detergents to clean any part
- Do not allow liquids near seams or system openings
- Keep dry

## AIDACARE KNOWLEDGE HUB

### Aidacare Website:

- [SitNStand Lift Assist - Wheelchair | Aidacare](#)

### PDF Resources:

- [SitNStand Brochure](#)
- [SitNStand User Manual](#)

### Video Library:

- [SitNStand Informational Video](#)