



molift[®]

Sit-to-stand aids

Ergonomic platforms for rising, turning and transfer support

The transfer is part of the rehabilitation

In healthcare, community facilities and home care, patient handling transfers can be classified as “traditional” or “therapeutic.” Traditional transfers have a practical goal, e.g., transferring a user from bed to a wheelchair, and therapeutic transfers have more targeted goals such as facilitating and maintaining user function and independence. Why not take advantage of traditional transfers to maintain the physical ability of the user?

Maintaining physical ability

A study by Arias-Fernández (2018) concludes that rehabilitation and early mobilisation have a significant, positive effect on functional capacity and muscle strength, an improvement in walking distance and better perception of the health-related quality of life.

A sit-to-stand transfer is an obvious opportunity for the user to keep his ability going, and the device supports a person centred approach, which improves dignity, and makes the person feel they are part of their care (Harrison, 2023).

Several studies endorse the use of modern patient handling technology as part of a comprehensive safe patient handling program to provide less loads on the carers, and sit-to-stand devices have shown to be the preferred device for rehabilitation and maintenance of the user (Tang, 2019).

Other than that, sit-to-stand devices present two interesting characteristics: they are among the less expensive and cumbersome assistive devices (Riccoboni, 2021).

Reducing work-related injuries

Patient handling tasks present a great risk for carers to sustain work-related MSDs because carers are exposed to high mechanical loads on the spinal tissues, but when we succeed with improving the user’s muscle strength, we may reduce the strain on the carer – both now and in the long run.

Strain will be less on the carer during the sit-to-stand transfer, because the user gets themselves up from the chair. And by prolonging this functional capacity we postpone the day when the user needs to lie down in bed to get dressed or needs a seated sling to be hoisted. Both tasks commonly increase the strain on the carer, since the user is more passive.

Best practice

It is recommended, that caregivers should use a sit-to-stand device when helping a patient from one sitting position to another whenever it is possible. This halves the load in the lower back area compared to manual handling (Riccoboni, 2021).



Navigating sit-to-stand aid options

Sit-to-stand devices are for users lacking the ability to stand up and transfer themselves to another sitting position, e.g. persons suffering from pain, reduced joint range of motion, stiffness, and muscle weakness (Edlich, 2003).

Sit-to-stand aids

Etac offers various sit-to-stand solutions for different needs and care settings to enable safe, comfortable and dignified transfers for both the resident and the carer.

Etac Turner Pro, Molift Raiser Pro and Molift Transfer Pro are non-powered devices. Molift Quick Raiser 1, 2 and 205 are electrical sit-to-stand solutions. They all have the same user requirement; the user should be able to follow

instructions, grip and pull up their weight, maintain a good core stability and be able to bear weight on at least one leg.

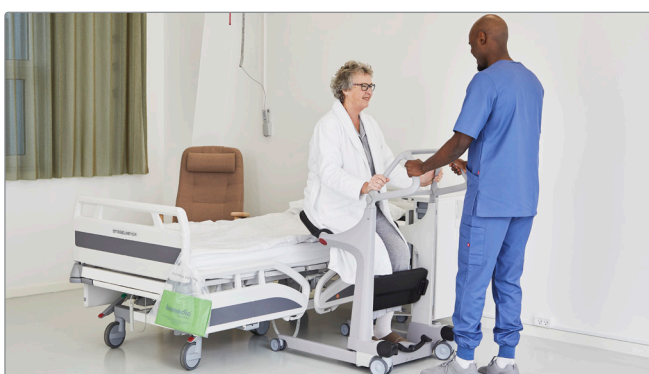
A way to test the core stability and weight load capacity is to see if the user has the ability to sit on the edge of the bed and to stand with minimal assistance (Powell-Cope, 2018).



Etac Turner Pro is a standing and turning platform for turning a user from one sitting position to another. Excellent for confined spaces.



Molift Raiser Pro is a transfer platform allowing standing transfers over short distances. A strap is available as an accessory if the user needs extra assistance to get up and sit down.

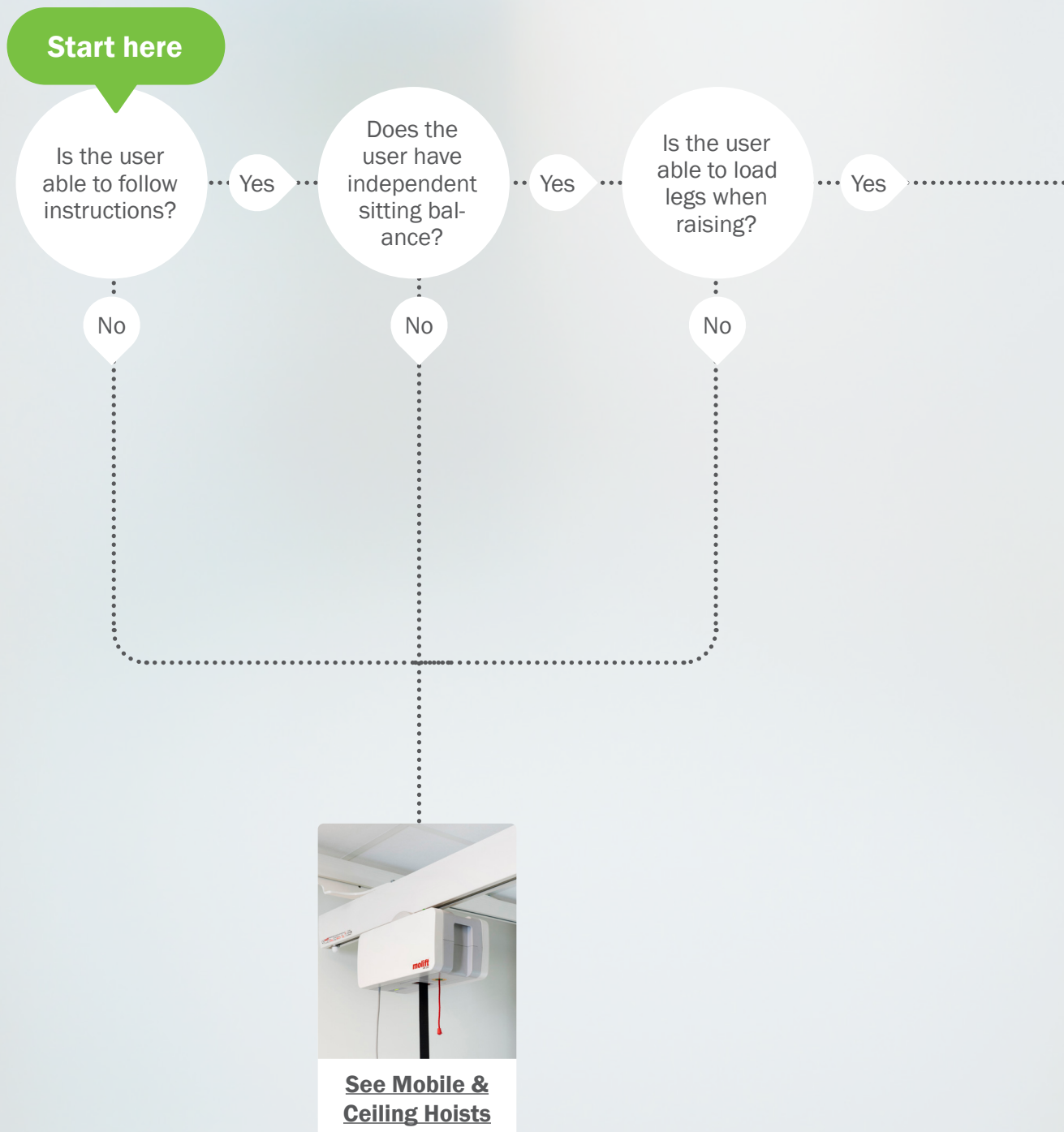


Molift Transfer Pro is a transfer platform for seated transfers over longer distances. It has solid seat pads, ergonomic handles and a soft leg support for a comfortable transfer. A strap may be applied for assistance and extra safety for the user.



Molift Quick Raiser 1, 2 and 205 are powered sit-to-stand transfer platforms always used in combination with a comfortable stand-up sling. An inclined column encourages a natural movement when the patient is raised.

Sit-to-stand aid selector



Disclaimer: The algorithm in the selector acts as a tool to provide helpful direction in the selection of sit-to-stand aids related to the intended use. Results should only be regarded as a principal guideline and do not substitute the need for individual assessments performed by competent carers for each individual user/patient.

Is the user able to maintain standing balance during transfer?

Yes

Which transfer is applicable?

No

Is the user able to pull himself up when gripping a handle?

Yes

Turning and transferring from A to B

Turning from A to B

No



Molift
Quick Raiser



Molift
Transfer Pro



Molift
Raiser Pro



Etac
Turner Pro

Etac Turner Pro

An easy-to-use turn aid that encourages natural standing and sitting movement for the user and minimises the risk of injury for the carer.

Encourages natural movement

Etac Turner Pro is a turn aid with an intuitive design that offers safe patient turning with standing support. This turn aid enables a good posture and minimises the risk of injury for the carer when transferring.

Etac Turner Pro encourages natural standing and sitting movement for the user. The only adjustments needed are the height of the leg support and the handle. After that, the transfer can be carried out safely while the carer and the user maintain eye contact and communication.

The orange handle provides a high contrasting colour which can help users with impaired vision or dementia. The small-scale footplate makes it the perfect choice of transfer aid when transferring in narrow spaces.

Etac Turner Pro is compact and easy to grip, and due to its low weight of only 8 kg, it is easy to move around or transport.



Compact

Etac Turner Pro is easy to transport due to its low weight of only 8 kg. It is compact, evenly balanced and easy to grip.



Angled leg support

Soft and comfortable leg support with lateral support that follows the movement from sitting to standing. Easily adjusted to the required height.



Contrasting coloured handle

The orange handle can help users with impaired vision or dementia. It also offers many grip possibilities for both carer and user.



Functional and easy to move

The base plate in cast aluminum is easy to turn and it has an anti-slip function. It is also easy to move thanks to transport wheels.

Molift Raiser Pro

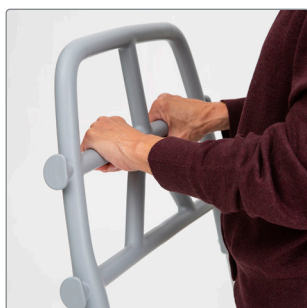
Molift Raiser Pro reduces the risk of injury to the user and the carer with its proactive, preventative ergonomic design. It is designed so that an active and safe transfer can be carried out easily and conveniently.

Early mobilisation and rehabilitation

Molift Raiser Pro allows the user to use their own muscle power during a transfer. The natural movement pattern is stimulated and the ergonomic design makes the user feel safe during the transfer. Molift Raiser Pro helps the user to rehabilitate in all health environments during every transfer so that mobilisation can begin early, even in the intensive care unit.

The stability and manoeuvrability make Molift Raiser Pro ideal in confined spaces, such as toilets. The sit-to-stand aid ensures safe, active standing support during short transfers, such as between beds and wheelchairs/ shower chairs.

On the side of the handle are attachment points for Molift Assist accessories.



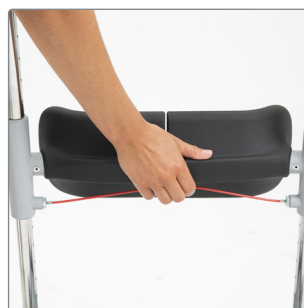
A versatile handle

The handle has a soft warm feel and is designed to provide optimal grip. The many grip possibilities offer both the user and carer a comfortable grip.



Central brake

A central mechanism makes braking convenient for the carer. A one-foot touch on either side, gives auditive feedback when it's activated. Safe and efficient.



One-hand adjustment

With a gentle one-hand grip, the leg support is easily adjusted. The leg support has soft and hygienic padding with lateral support and divided pads.



Low step-on height

The base height is only 35 mm. To facilitate the placement of the feet, there are visible contours and an anti-slip feature on the stand surface.

Molift Transfer Pro

A transfer is more than just a movement - it is an important part of the patient's rehabilitation and maintenance of physical abilities. Molift Transfer Pro contributes to a safe and healthy care environment for both the patient and the caregiver.

Optimised for seated transfers

Molift Transfer Pro is a sit-to-stand device for seated transfers, e.g. between bed, wheelchair, toilet or similar. The user should be able to follow instructions, pull up their weight and maintain good core stability.

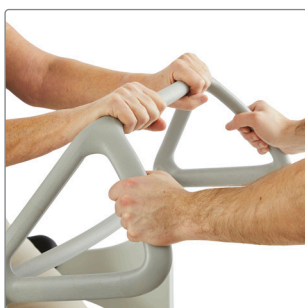
Moreover, it is an ideal solution for various healthcare settings such as hospitals, nursing homes and home care.

Enhanced comfort and safety by innovative design

Featuring an ergonomic and spacious handle that allows multiple grip options for both patient and carer, and easy access to the bathroom basin, Molift Transfer Pro ensures enhanced usability. The stable seat pads provide a comfortable transfer while the soft padded leg support adapts to the shins, increasing user comfort.

The user can easily place their feet on the high-friction footplate thanks to the low step-on height and sloped edge. For carers, adjusting the width of the legs is easy, and the design enables the device to come close to the seating area, facilitating a safe transfer. The central brake offers both auditory and visual feedback, securing both wheels simultaneously.

On the side of the handle are attachment points for the Molift Assist accessories.



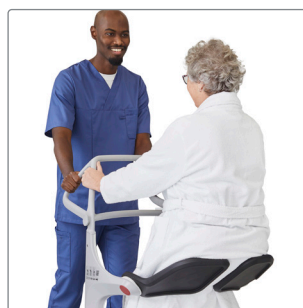
Handle

Multiple ergonomic grip options for the patient and carer, ensuring both comfort and ergonomic positioning of hands.



Central brake

Intuitive one-foot touch central brake locks both wheels, regardless of their positioning, while also providing both auditory and visual feedback.



Seat pads

The stable seat pads enhance a comfortable transfer for the user. The incut edges provide a good grip, making folding them up and down easy for the carer.



Turning radius

High quality wheels for exceptionally easy manoeuvring meaning minimal force is needed when pushing/pulling the device.

Clinical benefits:

- Reduces work-related injuries or strain on carer.
- Enables early rehabilitation.
- Comfortable and safe seated transfers.
- Supports the user to use their physical ability.
- Enables single-handed care.



Molift Quick Raiser 1 & 2

Compact and stable sit-to-stand hoists with small turning radius and excellent manoeuvrability even in narrow spaces.

Stable and easy to manoeuvre

Molift Quick Raiser 1 and 2 are powerful, but despite their compact design and light weight, they are stable and easy to manoeuvre. The base's unique wheel position and perfect weight distribution provide a small turning radius with easy manoeuvrability even in tight spaces.

Both have a low base, which makes them fit well around toilets and under most beds, chairs and wheelchairs.

Additionally the Molift Quick Raiser 2 has adjustable legs enabling accessibility almost everywhere.

Imitates the natural movement

The inclined straight column imitates the natural movement pattern and fulfils the hoisting needs of users with some degree of weight-bearing capacity.



Low base

Both Molift Quick Raiser 1 & 2 have low bases which make them easy to fit under beds and chairs.



Adjustable knee pads

Adjustable knee pads that can be turned around for better fitting and alternative support for the legs.



Easy to manoeuvre

Small turning radius with easy manoeuvrability even in narrow spaces.



Battery indicator

Integrated battery indicator providing audio and visual notification.

Molift Quick Raiser 205

A state of the art sit-to-stand hoist with outstanding transfer capabilities and exceptional manoeuvrability. The design encourages a natural movement pattern and fulfils the hoisting needs of users with some weight-bearing capacity.

Consistent & safe hoisting

The Molift Quick Raiser 205 is a sit-to-stand hoist designed with an inclined column. This enables the lifting trajectory to follow a natural movement pattern.

Thanks to this movement pattern, the sling stays in place and does not slide up, which is a common problem with sit-to-stand hoists. The lifting path is always the same regardless of the sling and who the carer is. This results in a safe, comfortable and consistent hoisting experience for the user.



Flexible lifting arm

To facilitate the carer's work and to avoid distressing users the lifting arm can be folded away, towards the column when it's not in use.



Excellent accessibility

Molift Quick Raiser 205 fits under most beds and chairs, and the electrically adjustable legs enable accessibility almost everywhere.



Easily manoeuvred

Easy to manoeuvre even in tight spaces thanks to the small turning radius and weight distribution.



Ergonomic for the carer

The adjustable legs can remain closed, regardless of movement, giving the carer room to work with minimised risk of injury.



Etac is a world-leading developer of innovative assistive devices and patient handling equipment. Since 1973, we have been committed to improving quality of life for the individual, family members and caregivers.

For the intended purpose of the products and latest information, please visit www.etac.com

Etac

+46 371 587 330

info@etac.se

www.etac.com

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