Move ahead

SAVARIA CEILING LIFTS

SPAN
exclusive distributor

Healthcare facilities

savaria®

The era of lifting patients manually is over.

All of the research[1] points to the practice of safe patient handling to virtually eliminate injury to caregivers attributed to manual lifting. It is now incumbent upon all healthcare institutions to eliminate manual lifting by providing patient lifting devices.

But to successfully implement safe patient handling, lifting systems need to be readily available, easy to use and reliable.

Jonathan Benoit
Research & Development

We looked at everything.

We knew that we could make a better product by looking at the details and questioning ourselves on how to improve everything we could. Hearing that lifts are not reliable nor ready to use is most often due to the old technology of lead acid batteries.

> **Our goal was not to sell replacement batteries, but to make a lift that lasts 5 years without needing a new one.**

We put ourselves in the shoes of each stakeholder. The patient, the caregiver, the installer, and the management of the institution. We set out to eliminate the pain points and create a better system for everyone. Because we come from the industry, we knew the shortcomings of traditional design. Unlike floor lifts, ceiling lifts eliminate the pushing motion of moving equipment and the straining from repositioning patients while in bed. Healthcare facilities of all kinds recognize the need – Savaria ceiling lifts make it easier to **move ahead with the right solution.**

[1]Visit **ceiling-lift.com** to read more about the latest research summary of ceiling lift benefits

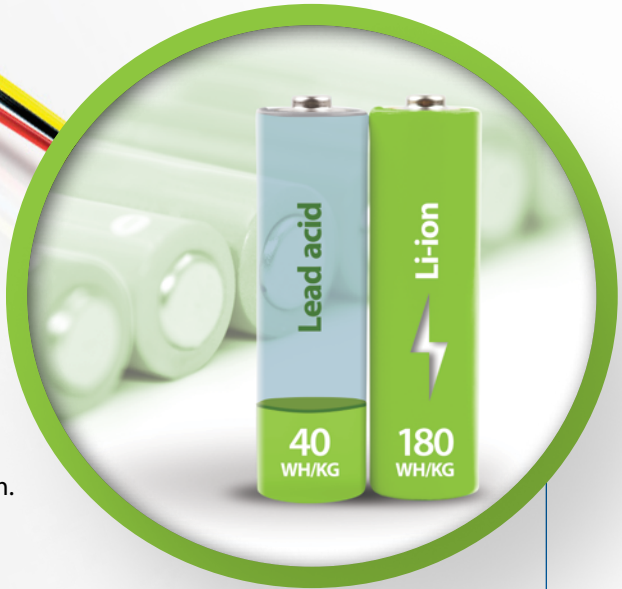
Power you can rely on

The heart of the Savaria ceiling lift is lithium-ion battery technology.

Today's leading power tools and even electric cars now use lithium-ion batteries because there are so many advantages over traditional lead acid batteries.

- **More lift cycles :** delivers 50% more lift cycles per charge than industry average
- **Less charging time:** recharges from full depletion in only 2 hours, with daily charge needed of only 15 to 30 minutes
- **Fewer replacements:** battery replacement estimated at every 5 years with normal usage
- **More reliable:** fewer service calls for dead batteries
- **Greener:** no lead acid disposal issues and longer life of battery
- **No memory effect:** battery does not deteriorate from constant charging
- **Power:** fast lift speed even at maximum capacity lifting weight

With fewer service calls and far fewer battery replacements, the Savaria ceiling lift easily offers lower cost of ownership.



Lithium-ion vs Lead Acid

Lithium is **4X** more powerful & **4X** lighter than lead acid

Stored energy (watt hour/kilogram)

Today's electronics often have too many bells and whistles that don't add true user value and work against good product design. Service calls and broken products have become the unfortunate norm.

> **We focused on the fundamentals to make a lift that does what it needs to do – elegantly and reliably.**

Intuitive operation

Simple, intuitive controls are the hallmark of the Savaria ceiling lift. Without extraneous buttons and lights, the pendant hand control features only four buttons and the motor unit displays battery life. Caregivers will quickly know how to use the lift – reducing compliance issues.

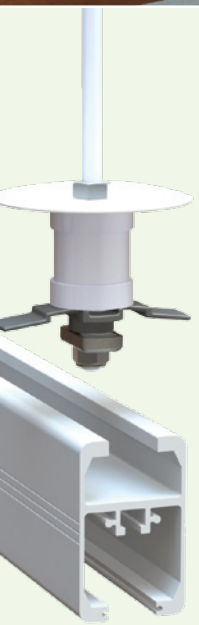
It's easy to add seemingly clever features to a ceiling lift in an effort to be different, but adding functions means extra product cost and more service visits. Savaria lifts respect the 'keep it simple principle' in order to add long term reliability and full caregiver compliance.

Safety for all

"No manual patient lifting" is the message from North American regulatory and clinical organizations. Today's healthcare providers are being urged to adopt this policy for many reasons, including:

- High turnover rate, low job satisfaction and overall aging of the nursing and direct care staff populations
- Nursing and caregiver shortages exacerbated by the number of lifting injuries
- The patient population is heavier, less mobile and more debilitated
- Better understanding of the true cost of caregiver injury, including skyrocketing liability coverage and retraining costs

So, why ceiling lifts and not floor lifts? If the lift is more visible, easy to maneuver in small spaces, and feels safe for both the patient and caregiver, it is more likely to be used. Ceiling lifts can be operated safely by only one caregiver and typically provide higher weight capacity. They are more ergonomically sound for caregiver injury prevention during tasks beyond just lifting such as pulling, pushing, repositioning and lateral transfers.



FastTrack system

Savaria track systems feature patented FastTrack brackets with install tool to provide assurance that anchors are properly locked. A full range of track configurations are available for wood, steel or concrete structures. Savaria ceiling lifts are also compatible with most other manufacturers' track systems, so it's easy to make the leap forward with a better lift using existing track.

SureClip system

The clip opens out rather than pushing inward. This detail creates a more foolproof system to hook the sling onto the lift – eliminating errors that can have dangerous consequences.

Keep it simple

Anatomy of our ceiling lifts

Easy to service

From installation to preventative inspections or a service need, the ultra-lightweight design makes everything easier and faster. Servicing can be done on a fixed lift without removal from the track, often without any special tools.

Fray-resistant strap

Savaria ceiling lifts feature a fray-resistant strap design with channel stitching and protective cover, preventing accidental twisting of the strap and reducing abrasion found in traditional designs. The long lasting lift strap eliminates one of the most common early life service issues of replacing a frayed strap.

Common sense emergency cord

Pull the cord to stop the lift – and that's what happens. Restarting the lift is done from the motor unit switch. Other systems allow the cord to both start and stop the lift leading to confusion and continuous pulling of the cord. A small but powerful detail for reliable lift operation.

Waterproof handset

Easy to clean and waterproof (IP67), the handset is designed with hospital standards in mind. A robust enclosure prevents moisture ingress and the durable design with a cord strain relief is built for long life.

Smart spreader bar

Features built-in grip handles for patients who prefer to hold the bar during travel. A handy magnetic pad holds the pendant control – no more Velcro® or rubber band workarounds to pose infection control risks.

Product info & accessories

Motorized or manual operation

A motorized trolley moves the lift along the track with the hand pendant. The unit is also available with manual operation and the lightweight unit glides along the track with minimal effort.

Slings

Select a universal, hygienic or walking sling in a variety of sizes for up to 600 lb capacity. Slings feature quick-drying padding to prevent liquid absorption and feature belt buckles rather than hook and loop (Velcro®) for added safety. Savaria lifts can also be used with other manufacturers' slings.

FastTrack System

Configure custom fixed track easily in modular sections for straight runs, curve, and room covering designs. A variety of hardware for virtually all construction needs is available. Leading edge configuration software allows for fast quotations and visualization of designs in minutes.

Portable Lift

Packed with the same powerful battery technology, intuitive design and SureClip system as the fixed lift, the Savaria PL (portable lift) is ideal for easy transportation and weighs only 11 lb. Pair with the gantry stand for semi-permanent installations where transfer to and from a wheelchair is the primary need. A handy **reacher arm** is available to aid in hooking and unhooking the lift to the trolley prior to use.

Gantry

Featuring low profile feet, the Savaria gantry is easier for wheelchair maneuvering. Quick to assemble and transport, this semi-permanent rack system is ideal when installing fixed ceiling track is not an option, or the need is for simple transfers.

SAVARIA FIXED LIFT (FL)

Product weight	Manual model: 7.5 kg (17 lb); Motorized model: 8.5 kg (19 lb)
Product life expectancy	10 yrs with only 1 battery replacement
Safe working load (SWL)	272 kg (600 lb), 200 kg (440 lb), or 130 kg (286 lb)
Lifting speed	5.5 cm/sec (2.2 in/sec) at 0 kg; 5 cm/sec (2 in/sec) at 130 kg (286 lb); 4.5 cm/sec (1.8 in/sec) at 200 kg (440 lb); 4 cm/sec (1.6 in/sec) at 272 kg (600 lb)
Water ingress protection rating of lift	IP21
Water ingress protection rating of hand control	IP67
Noise level	Maximum 54 dBA
Medical electrical equipment class	Class 1
Protection class	Type BF

BATTERY

Battery type	Lithium ion, 25.2V 2500 mAh
Battery capacity	Approximately 80 cycles of 61 cm (24 in) at 91 kg (200 lb); Approximately 70 cycles of 61 cm (24 in) at 130 kg (286 lb); Approximately 45 cycles of 61 cm (24 in) at 200 kg (440 lb); Approximately 30 cycles of 61 cm (24 in) at 272 kg (600 lb)
Battery charging	Full capacity in approximately 2 hours

WARRANTY

Parts warranty	1 year

CERTIFICATION: IEC 60601-1:2005 A1:2012 (medical electrical equipment); IEC 60601-1-11:2015 (homecare); ISO 10535:2006 (patient lift); CAN/CSA Z10535.1:15 (patient lift)

COMPLIANCE: CE Marking per 93/42/EEC (medical device); 2006/42/EC (machinery directive); 2011/65/EU (ROHS – 100% of components); 2002/96/EC (WEEE)

For more details, specifications and where to buy, visit

ceiling-lift.com

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