



# PATIENT HANDLING SOLUTIONS

REDUCE PATIENT FALLS AND CAREGIVER INJURIES



A **\$1,000 Value** Comprehensive

## Safe 'n Easy Lifting Program

is included with the purchase of two or more powered lifts/stand assists!

*See page 10 for details.*





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# Evaluating Your Patient Handling Program

If you answer “NO” to any of the questions below, there are opportunities for improvement.

YES NO

- 1. Are we designing tasks to limit the amount of weight nurses lift? (35 pounds is the maximum weight a nurse should be expected to lift.)<sup>3</sup>
- 2. Are we avoiding manual handling of patients as much as possible? (Skin tears and falls can sometimes be traced back to manual handling.)
- 3. Are we avoiding light duty as much as possible by preventing injuries? (Morale problems sometimes stem from light duty assignments among nurses.)
- 4. Are we decreasing our workers compensation claims by enforcing safe patient lifting? (Back injuries can cost as much as \$50,000 in some cases.)<sup>2</sup>
- 5. Are we successfully retaining our best nurses? (12% of nurses exit the profession due to chronic back pain.)<sup>1</sup>
- 6. Do we have an effective and consistent means of determining if and how a patient should be handled by a mechanical lift? (A proper assessment should consider a patient’s complete medical history, current physical condition and cognitive state.)
- 7. Are we properly training our nurses and do they comply with our lifting policy? (Lifting policies are sometimes ignored, with nurses choosing to manually handle patients.)
- 8. Do we have enough patient lifts? (You should have at least 1 lift for every 8 patients who require it.)<sup>4</sup>
- 9. Are we effectively employing stand assists? (Stand assists should be used for most patients who are partial weight-bearing.)
- 10. Are our lifting equipment and slings always in safe and working order? (Frequent equipment breakdowns and frayed or missing slings are two reasons why nurses get in the habit of manually handling rather than using lifts.)



Studies show that approximately 52% of all nurses experience significant back pain each year, and 12% of nurses leave the profession because of chronic back pain.<sup>1</sup> Financially, a single back injury can cost an institution more than \$50,000 in workers compensation claims, lost time, light duty, and turnover.<sup>2</sup> Despite these statistics, many healthcare institutions have been slow to implement the proper lifting programs and equipment to prevent further injuries and ensure safety for both workers and patients.

1 Moses, E. B. (1992). The registered nurse population: Findings from the national sample survey of registered nurses. Washington DC: U.S. Department of Health and Human Services, U.S. Public Health Service, Division of Nursing.

2 Collins, M. (1990). Occupational back pain in nursing: Development, implementation, and evaluation of a comprehensive prevention program in nursing homes

3 Waters TR, When is it safe to manually lift a patient, American Journal of Nursing, 2007.

4 Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication Number 2006-117

## SAFE LIFTING AND MOVEMENT OF NURSING HOME RESIDENTS

Benefits, Cost and Effectiveness  
of a Safe Resident Lifting Program

DHHS (NIOSH) Publication Number 2006-117

*What are the benefits of a safe resident lifting program?*

The following benefits can be derived from a safe resident lifting program that includes mechanical lifting equipment, worker training on the use of the lifts, and a written resident lifting policy:

**Benefits for Residents**

- Improved quality of care
- Improved resident safety and comfort
- Improved resident satisfaction
- Reduced risk of falls, being dropped, friction burns, dislocated shoulders
- Reduced skin tears and bruises

**Benefits for Employers**

- Reduced number and severity of staff injuries
- Improved resident safety
- Reduced workers' compensation medical and indemnity costs

- Reduced lost workdays
- Reduced restricted workdays
- Reduced overtime and sick leave
- Improved recruitment and retention of caregivers
- Fewer resources required to replace injured staff

**Benefits for Caregivers**

- Reduced risk of injury
- Improved job satisfaction
- Increased morale
- Injured caregivers are less likely to be re-injured
- Pregnant caregivers can work longer
- Staff can work to an older age
- More energy at the end of the work shift
- Less pain and muscle fatigue on a daily basis

*How effective is mechanical lifting equipment in preventing injuries to caregivers?*

Research has shown that safe resident lifting programs reduce resident-handling workers' compensation injury rates by 61%, lost workday injury rates by 66%, restricted workdays by 38%, and the number of workers suffering from repeat injuries (Collins et al., 2004). Similar findings have been reported by other investigators (Tiesman et al., 2003; Nelson et al., 2003;

Garg, 1999). Furthermore, this research has shown an increase in caregiver job satisfaction, and a decrease in "unsafe" patient handling practices performed. Nurses ranked lifting equipment as the most important element in a safe lifting program (Nelson et al., 2003).

*What benefits will a safe resident lifting program have for nursing home residents?*

Although some residents may be reluctant to try new lifting devices, studies have shown that the use of mechanical lifting equipment increases a resident's comfort and feelings of security when compared to manual methods (Zhuang et al., 2000; Garg and Owen 1992). Injuries to residents are also reduced because

the mechanical lifts protect residents from being dropped. Anecdotal information indicates that a reduction in skin tears and bruises may result when residents are handled mechanically rather than manually (Garg, 1999).



# Why Choose Medline for All Your Patient Handling Needs?

## 1. Patient Handling Expertise

Medline designs its own patient handling equipment with input from industry experts in hospitals, nursing homes, and homehealth. Our patient handling experts are specialists in ergonomics, physical therapy, and human factors engineering – with years of experience in implementing patient handling programs.

## 2. The Right Product for Every Move

Whether you are moving patients vertically, laterally, or from the floor, we have the right product to safely accomplish the move. These include elevating floor lifts, stand assists, comfortable slings, sliding transfer sheets, transfer boards, stretchers, multi-positional chairs, air-assisted transfer devices, beds, and much more.

## 3. Competitive Prices

Safe patient handling can be a large capital investment for most organizations, but Medline can help you with solutions that fit your budget. We also offer flexible financing programs to help you manage your cash flow better.

## 4. A Simple, Yet Comprehensive Safe Patient Handling Program

Our program is evidence-based, reflecting the best thinking and practices in patient lifting. Our Safe 'n Easy Lifting Program includes training videos, assessment tools, lift policy, implementation roadmap, financial tools, and much more.

## 5. Educational Programs in Patient Handling

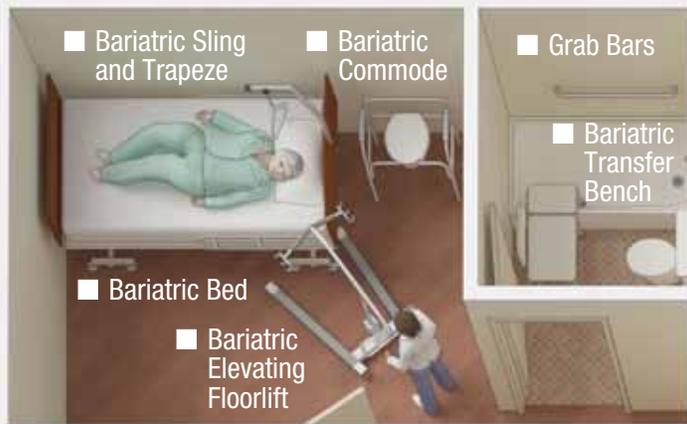
We regularly hold educational forums to educate your staff on patient handling topics. Some of our most popular conferences include

- a. Safe Patient Handling in the Acute Care Environment
- b. Safe Patient Handling in the Operating Room
- c. Safe Patient Handling in the Long Term Care Environment
- d. Specifying and Selecting Safe Patient Handling Equipment
- e. How to Implement a Safe Patient Handling Program in Your Facility
- f. Lateral Transfers and Repositioning for Healthcare Facilities
- g. Safe Patient Handling for the Developmentally Disabled

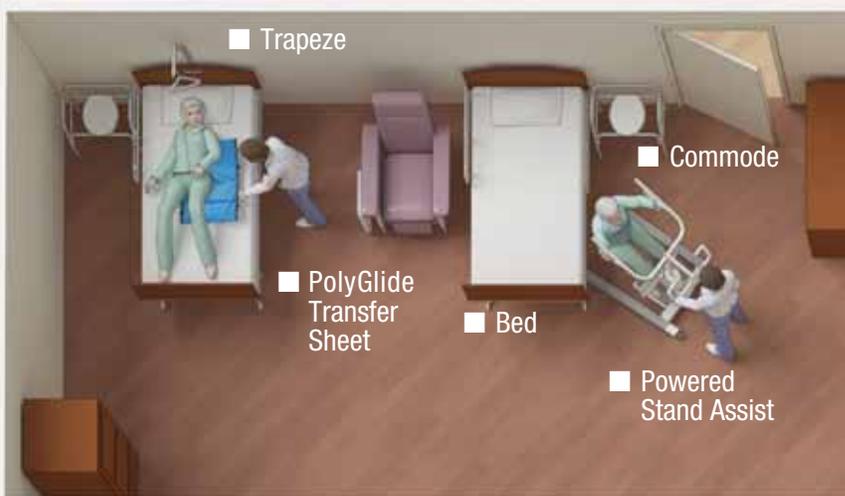


# Medline Has the Right Patient Handling Equipment For Your Entire Facility

## Bariatric Room and Bathroom



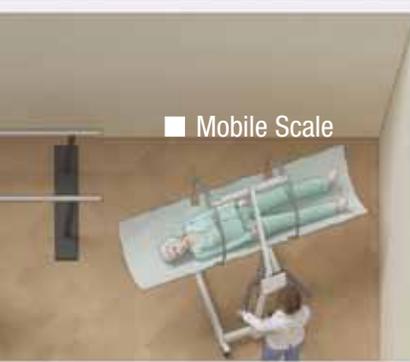
## Bathing Room



## Patient Room and Bathroom

## Charging Station

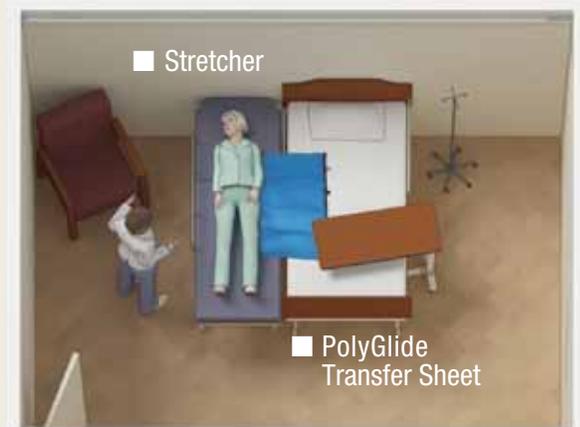
Rehab Room



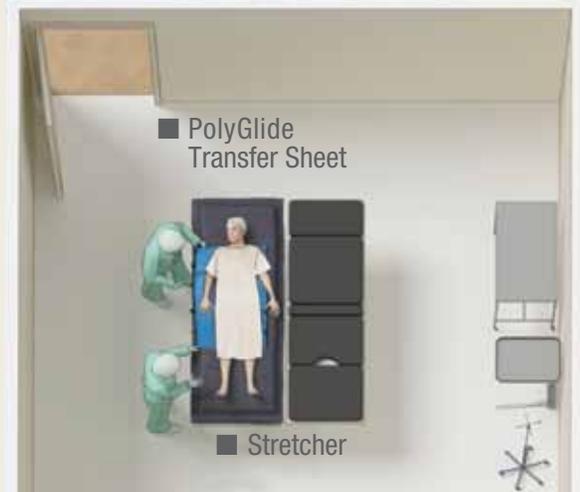
Exam Room



Intensive Care Room



Waiting Area



Operating Room

**Invest in Reducing Caregiver Injuries.**

“Cost-benefit analyses demonstrate that the initial investment in lifting equipment and employee training can be recovered in two to three years through reductions in workers’ compensation expenses.”

“Research has shown that safe resident lifting programs reduce resident-handling workers’ compensation injury rates by 61%, lost workday injury rates by 66%, restricted workdays by 38%, and the number of workers suffering from repeat injuries.”

*Collins JW, Wolf L, Bell J, Evanoff B [2004]. An Evaluation of a “Best Practices”. Musculoskeletal Injury Prevention Program in Nursing Homes. Injury Prevention 10:206-211.*

A **\$1,000 Value** Comprehensive

# Safe 'n Easy Lifting Program

is included with the purchase of two or more powered lifts/stand assists!

**Medline is dedicated to providing a safe environment to all facilities using their equipment.** Protect patients and staff with Medline's Safe 'n Easy Lifting Program. Our program is evidence-based, reflecting the best thinking and practices in patient lifting.

This includes, for example, work accomplished by the 2001 Technical Advisory Group (a collaboration of the VHA Public Health and Environmental Hazards, the Patient Safety Center Inquiry, and the Healthcare Analysis and Information Group), as well as the 2005 National Task Force (representatives from the American Association of Rehabilitation Nurses, the American Physical Therapy Association, and the Veterans Administration).

## Medline's Safe 'n Easy Lifting Program Includes:



### Expert Phone Support

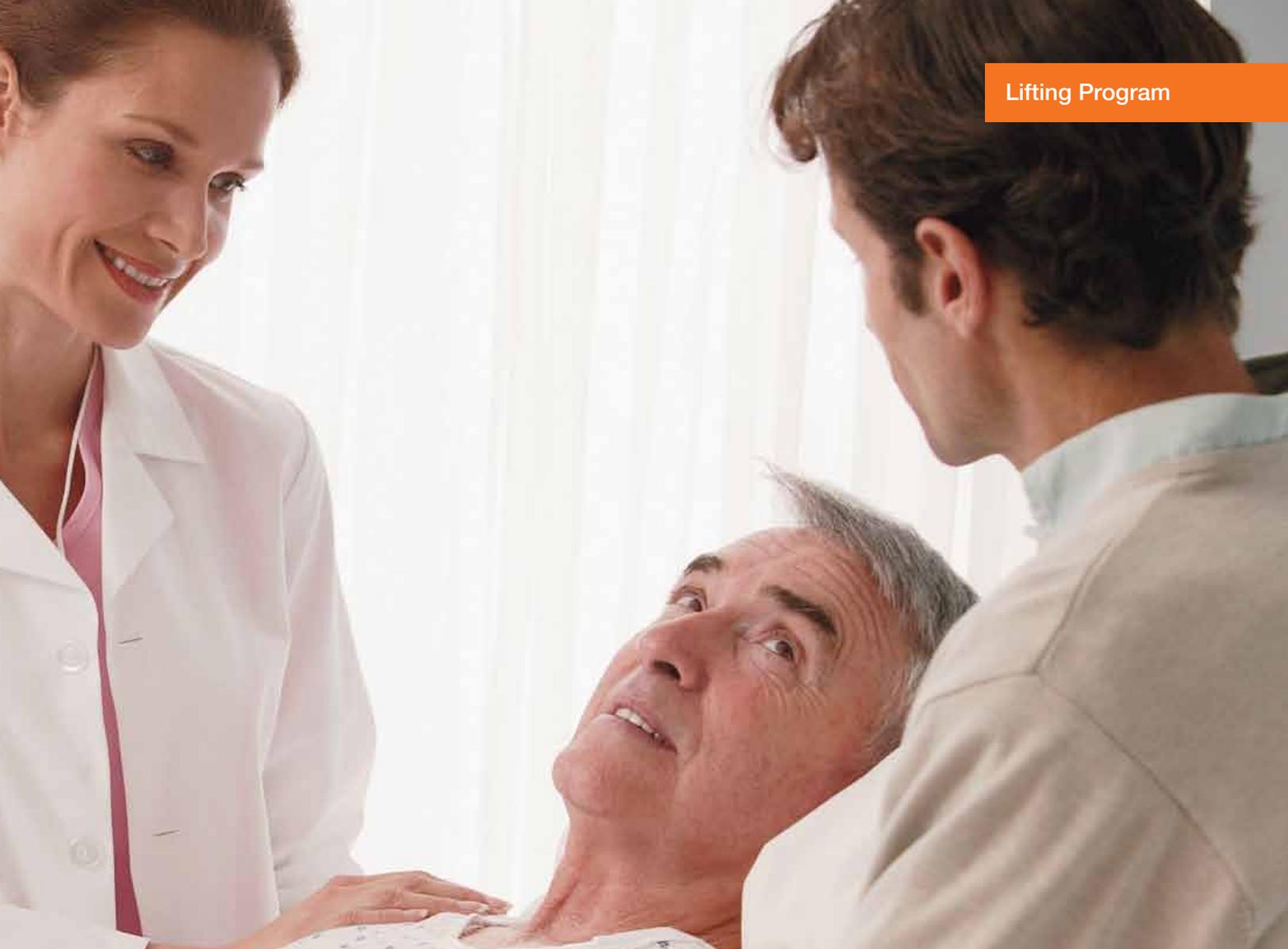
Our lifting specialists can help you with your questions and guide you step-by-step in implementing a complete patient lifting program.



### Inservicing Video

Train your employees in the proper operation and maintenance of patient lifting equipment. This short DVD reviews all the basic moves to ensure your employees are competent in moving and repositioning patients.





### Customizable Lift Policy

Ensures you have a thorough policy on record, covering all aspects of your lift program. Responsibilities, equipment requirements, and maintenance procedures are all addressed in this customizable policy.

### Implementation Plan

Manage implementation of your formal lifting program through an easy-to-use checklist. You can designate who is responsible and stay on track.

### Assessment Tools

Assess your incoming patients to ensure you have the proper lifting protocols in place. Consider all physical and cognitive factors to ensure you make the right decision – maximizing patient care and employee safety.



# Stand Assists

## Assisting Patients from a Sitting to Standing Position



## Security

Stand assists are used for lifting residents who are partially dependent, have some weight-bearing capacity, are cooperative, can sit up on the edge of the bed with or without assistance, and are able to bend hips, knees, and ankles. Transfers include moving to and from beds, chairs, bathing, and toileting.

### Manual Stand Assist

- Appropriate for partial weight-bearing patients with some upper body strength
- Perfect for functional rehabilitation therapy
- Affordable alternative to battery-powered stand assists
- Patient grasps an assist bar and pulls up using their upper body strength

ITEM NUMBER	DESCRIPTION	WT. CAPACITY	SEAT WIDTH
STA182	Manual Stand Assist	400 lb (181 kg)	20" (51 cm)



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## Safe 'n Easy Lifting Program

is included with the purchase of two or more powered lifts/stand assists!  
*See page 10 for details.*



MDS600SA

**Points to remember when using:**

- Always requires at least 1 caregiver.
- Choose a lift that has a variety of sling sizes, lift-height range, battery portability, hand-held control, emergency shut-off, and manual override.
- Ensure the lifting device is in good working order before use and is rated for the load weight to be lifted.
- Battery-powered lifts are preferred to crank or pump type devices to allow a smoother movement for the resident, less physical exertion, and risk of musculoskeletal injury to the caregiver.

**Battery-Powered Stand Assist**

- Appropriate for partial weight-bearing patients
- Removable foot platform for gait training
- Battery-powered stand assists available in 400 and 600 lb (181 and 272 kg) versions
- Controls are easy-to-operate

**WARRANTY**

3 years for mechanical/electrical components  
1 year for battery

ITEM NUMBER	DESCRIPTION
<b>MDS400SA</b>	400 lb (181 kg) Stand Assist
<b>MDS600SA</b>	600 lb (272 kg) Stand Assist

**7 Keys to Success**

1. Have the right equipment:  
Partial weight-bearing patients — Sit-to-stand assist  
Non weight-bearing patients — Elevating floor lift
2. Ensure adequate equipment levels for staff use
3. Implement a safe patient handling policy
4. Identify a safe lifting program champion
5. Train caregivers on both the policy and equipment
6. Assess the patient’s weight-bearing ability on a regular basis
7. Encourage full reporting and tracking of all injury incidents



# Elevating Floor Lifts

## Lifting and Transferring Non-Weight Bearing and Partially Weight Bearing Patients



### Hydraulic 400 Lb Lift

- Elevating lift, hydraulic
- Base opens with an easy hand lever
- Lift comes with a FREE full-body sling packaged inside box



#### SPECIFICATIONS

Weight capacity: 400 lb (181 kg)  
 Cradle type: 6 point

#### WARRANTY

3 years

ITEM NUMBER	DESCRIPTION
<b>MDS88200D</b>	400 lb (181 kg) Hydraulic Lift

## Safety

Patient lift devices are used for patients who are non-weight-bearing, partially weight-bearing, disabled physically, developmentally, or have other physical limitations. Transfers may be to and from beds, chairs, floor to bed, lateral transfers, bathing, and toileting.



MDS600EL

### Powered Elevating Floor Lift

- Base legs on powered lifts spread with a reliable, easy-to-operate foot pedal
- Low-profile, base legs easily move under beds and other furniture
- Controls are easy-to-operate and common between lifts
- 6-point sling cradles provide flexibility for maximum comfort and safety

#### SPECIFICATIONS

Cradle type: 6 point  
 Battery voltage: 24V DC  
 Average lifts/charge: 80-100

#### WARRANTY

3 years for mechanical/electrical components  
 1 year for battery

ITEM NUMBER	DESCRIPTION
<b>MDS400EL</b>	400 lb (181 kg) Elevating Floor Lift
<b>MDS600EL</b>	600 lb (272 kg) Elevating Floor Lift



#### MDSELSCALE

For use on elevating floor lift models (MDS400EL, MDS600EL)

#### Points to remember when using:

- May require 2 or more caregivers.
- Choose a lift that has a variety of slings, lift-height range, battery portability, hand-held control, emergency shut-off, manual override and boom pressure sensitive switch.
- Having multiple slings allows one sling to remain in place while patient is in bed or chair for only a short period, reducing the number of times the caregiver lifts and positions resident.
- Ensure the lifting device is in good working order before use and is rated for the load weight to be lifted.
- Battery-powered lifts are preferred to crank or pump type devices to allow a smoother movement for the resident, less physical exertion, and risk of musculoskeletal injury to the caregiver.



A \$1,000 Value Comprehensive

## Safe 'n Easy Lifting Program

is included with the purchase of two or more powered lifts/stand assists!  
 See page 10 for details.

# Technical Specification Chart and Reference Guide



A **\$1,000 Value** Comprehensive  
**Safe 'n Easy  
Lifting Program**  
is included with the purchase of two  
or more powered lifts/stand assists!  
*See page 10 for details.*



	Stand Assist MDS400SA	Stand Assist MDS600SA
<b>Weight Capacity</b>	400 lbs (181 kgs)	600 lbs (272 kgs)
<b>Finish</b>	White Powder Coat Finish	White Powder Coat Finish
<b>Cradle Type</b>	6 Point	6 Point
<b>Battery Voltage</b>	24V DC	24V DC
<b>Average Lifts/Charge</b>	80-100	80-100
<b>Base Spreader Type</b>	Foot Pedal	Foot Pedal
<b>Overall Ht. Of Base</b>	4.6" (11.7 cm)	4.6" (11.7 cm)
<b>Outside Width of Base (open/closed)</b>	37"/26.5" (94 cm/67 cm)	37"/26.5" (94 cm/67 cm)
<b>Inside Width of Base (open/closed)</b>	32.5"/22" (82.5 cm/56 cm)	32.5"/22" (82.5 cm/56 cm)
<b>Overall Length</b>	40" (102 cm)	40" (102 cm)
<b>Can Lift from Floor?</b>	N/A	N/A
<b>Overall Lift Height</b>	N/A	N/A
<b>Total Unit Weight</b>	117 lbs (53 kgs)	122 lbs (55 kgs)
<b>Includes Sling?</b>	No	No
<b>Includes Scale? (MDELSCALE)</b>	N/A	N/A
<b>Includes Charger Bag?</b>	Yes	Yes

\* Can be converted to 4.6" (11.7 cm) with optional caster kit.  
For additional assistance, contact your Medline sales representative.



Hydraulic Elevating Lift <b>MDS88200D</b>	Powered Elevating Lift <b>MDS400EL*</b>	Powered Elevating Lift <b>MDS600EL*</b>
400 lbs (181 kgs)	400 lbs (181 kgs)	600 lbs (272 kgs)
Gray Hammertone Finish	White Powder Coat Finish	White Powder Coat Finish
6 Point	6 Point	6 Point
N/A	24V DC	24V DC
N/A	80-100	80-100
Arm Lever	Foot Pedal	Foot Pedal
5.5" (14 cm)	4.6" (11.7 cm)	6" (15.2 cm)*
31.5"/26" (80 cm/66 cm)	38"/26.5" (7 cm/67 cm)	43"/26" (109 cm/66 cm)
28.5"/23" (72 cm/58 cm)	33.5"/22" (85 cm/56 cm)	38"/21.5" (96.5 cm/55 cm)
42" (107 cm)	41" (104 cm)	50" (127 cm)
Yes	Yes	Yes
73" (185 cm)	65" (165 cm)	71" (180 cm)
85 lbs (39 kgs)	115 lbs (52 kgs)	137 lbs (62 kgs)
Yes	No	No
No	Yes (optional)	Yes (optional)
N/A	Yes	Yes

\* Many customers purchase MDS600EL since it lifts 6" (15.2 cm) higher than the MDS400EL and has 10" (25.4 cm) more room between the patient and actuator. MDS400EL is recommend only if you have very limited space in your facility.

# Slings

Supporting the patient during transferring and lifting procedures



### How to Determine a Patient's Sling Size

1. Measure dimension around the shoulders (see **A** in diagram)
2. Measure dimension around the chest, under arms (see **B** in diagram)
3. Weigh the patient
4. Review the sling specifications chart below for appropriate sling size.

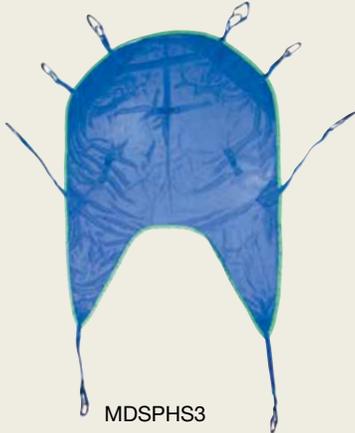
### Sling Specifications Chart

	Small	Medium	Large	Bariatric	
	<b>A - Circumference in inches around the shoulders</b>				
	U-Shaped Universal Slings	28"-45" (71-114 cm)	37"-57" (94-145 cm)	47"-67" (119-170 cm)	57"-80" (145-203 cm)
	<b>B - Circumference in inches around the chest</b>				
	Toileting Slings	26"-42" (66-107 cm)	30"-48" (76-122 cm)	38"-60" (97-152 cm)	58"-73" (147-185 cm)
	Stand Assist Slings	28"-42" (71-107 cm)	30"-48" (76-122 cm)	36"-60" (91-152 cm)	50"-79" (127-201 cm)
<b>Body Weight</b>					
Full-Body Slings	N/A	100-180 lbs. (45-82 kgs)	160-280 lbs. (73-127 kgs)	200-600 lbs. (91-272 kgs)	
Above dimensions are guidelines and may vary by user					

## U-Shaped Slings

Designed for comfort and created to be easy-to-use, the u-shaped sling is a secure, easy-to-fit general purpose sling. U-shaped slings have the advantage of being easy to put under and remove from patients.

### Washable For 6-Point Cradles Only



#### Mesh Slings/No Head Support

ITEM NUMBER	DESCRIPTION
<b>MDSM2</b>	400 lb (181 kg) Medium
<b>MDSM3</b>	400 lb (181 kg) Large

#### Mesh Slings With Head Supports

ITEM NUMBER	DESCRIPTION
<b>MDSMHS1</b>	400 lb (181 kg) Small
<b>MDSMHS2</b>	400 lb (181 kg) Medium
<b>MDSMHS3</b>	400 lb (181 kg) Large

#### Padded Fabric Sling/With Head Support

ITEM NUMBER	DESCRIPTION
<b>MDSPHS1</b>	400 lb (181 kg) Small
<b>MDSPHS2</b>	400 lb (181 kg) Medium
<b>MDSPHS3</b>	400 lb (181 kg) Large
<b>MDSPHS4</b>	600 lb (272 kg) Bariatric

#### Padded Fabric Slings/No Head Support

ITEM NUMBER	DESCRIPTION
<b>MDSP2</b>	400 lb (181 kg) Medium
<b>MDSP3</b>	400 lb (181 kg) Large
<b>MDSP4</b>	600 lb (272 kg) Bariatric



#### Padded Fabric Slings/No Head Support

ITEM NUMBER	DESCRIPTION
<b>MDSHC70002</b>	Medium 500 lb (227 kg) (best fit 99-210 lbs, 45-95 kg)
<b>MDSHC70001</b>	Large 500 lb (227 kg) (best fit 198-350 lbs, 89-159 kg)
<b>MDSHC70000</b>	X-Large 600 lb (272 kg) (best fit 270-600 lbs, 122-272 kg)

#### Padded Fabric Slings With Head Support

ITEM NUMBER	DESCRIPTION
<b>MDSHC70012</b>	Medium 500 lb (227 kg) (best fit 99-210 lbs, 45-95 kg)
<b>MDSHC70011</b>	Large 500 lb (227 kg) (best fit 198-350 lbs, 89-159 kg)
<b>MDSHC70010</b>	X-Large 600lb weight capacity (best fit 270-600 lbs)

### Disposable For 6-Point Cradles Only

Disposable slings are great for reducing cross-contamination. They are intended for single patient use. Disposable slings are not to be laundered, they are to be disposed of before they begin to show signs of wear.



#### U-Shaped Disposable Slings/No Head Support

ITEM NUMBER	DESCRIPTION
<b>MDSD2</b>	600 lb (272 kg) Medium, 10 per pkg
<b>MDSD3</b>	600 lb (272 kg) Large, 10 per pkg

#### U-Shaped Disposable Slings with Head Support

ITEM NUMBER	DESCRIPTION
<b>MDSDHS1</b>	600 lb (272 kg) Small, 10 per pkg
<b>MDSDHS2</b>	600 lb (272 kg) Medium, 10 per pkg
<b>MDSDHS3</b>	600 lb (272 kg) Large, 10 per pkg

## Full Body Slings

Designed with comfort and safety in mind, these slings feature a unique, fully padded fabric that forms a soft yet supportive surface. The full-body slings have a four point hookup. Full body slings have the primary advantage of fewer loops to connect to the cradle, as well as versatility to be used with either 4-point or 6-point lift cradles.

### Washable For 4-Point or 6-Point Cradles

#### Full Body Solid Fabric Slings

ITEM NUMBER	DESCRIPTION
<b>MDSR112</b>	450 lb (204 kg) Medium
<b>MDSR113</b>	450 lb (204 kg) Large
<b>MDSR117</b>	450 lb (204 kg) X-Large

#### Full Body Mesh Slings

ITEM NUMBER	DESCRIPTION
<b>MDSR110</b>	450 lb (204 kg) Medium
<b>MDSR111</b>	450 lb (204 kg) Large
<b>MDSR140</b>	600 lb (272 kg) XX-Large

#### Full Body Mesh Slings with Commode Opening

ITEM NUMBER	DESCRIPTION
<b>MDSR114</b>	450 lb (204 kg) Medium
<b>MDSR115</b>	450 lb (204 kg) Large
<b>MDSR116</b>	450 lb (204 kg) X-Large
<b>MDSR141</b>	600 lb (272 kg) XX-Large



MDSR113

## Padded Toileting Slings

Specifically designed for toileting and hygiene functions, the large opening around the seat of the sling facilitates dressing and undressing for toileting. These slings also feature a unique, fully padded fabric that forms a soft yet supportive surface. The stretch-resistant material means the slings will hold their shape for extended support and easy positioning. Patient must have head and neck control to use this sling. This sling can be used in combination with Medline's stand assist or elevating floor lift.

#### Padded Toileting Slings

ITEM NUMBER	DESCRIPTION
<b>MDSTO1</b>	400 lb (181 kg) Small
<b>MDSTO2</b>	400 lb (181 kg) Medium
<b>MDSTO3</b>	400 lb (181 kg) Large
<b>MDSTO4</b>	600 lb (272 kg) Bariatric



MDSTO3

## Stand Assist Slings

For use with Medline’s stand assist lifts, these slings provide the extra support the patient needs to stand. The best feature of the Medline stand assist sling is the extra padding in the lumbar and under-arm areas for improved patient comfort.

### Washable

#### Stand Assist Padded Slings

ITEM NUMBER	DESCRIPTION
<b>MDSSA1</b>	400 lb (181 kg) Small
<b>MDSSA2</b>	400 lb (181 kg) Medium
<b>MDSSA3</b>	400 lb (181 kg) Large
<b>MDSSA4</b>	600 lb (272 kg) Bariatric



MDSSA3

#### Optional Accessory: Stand Assist Buttock Straps (Use with Stand Assist Padded Sling)

ITEM NUMBER	DESCRIPTION
<b>MDSBSS</b>	400 lb (181 kg) Standard
<b>MDSBSB</b>	600 lb (272 kg) Bariatric



MDSBSS

### Disposable

Disposable slings are great for reducing cross-contamination. They are intended for single patient use. Disposable slings are not to be laundered, they are to be disposed of before they begin to show signs of wear.



#### Single Patient Stand Assist Slings

ITEM NUMBER	DESCRIPTION
<b>MDSDSA662</b>	Medium, 400 lb (181 kg) Torso 29"-48" (74-122 cm)
<b>MDSDSA663</b>	Large, 400 lb (181 kg) Torso 36"-60" (91-152 cm)
<b>MDSDSA664</b>	Bariatric, 600 lb (272 kg) Torso 50"-79" (127-201 cm)

### 7 Keys to Success

1. Have the right equipment:  
Partial weight-bearing patients — Sit-to-stand assist  
Non weight-bearing patients — Elevating floor lift
2. Ensure adequate equipment levels for staff use
3. Implement a safe patient handling policy
4. Identify a safe lifting program champion
5. Train caregivers on both the policy and equipment
6. Assess the patient’s weight-bearing ability on a regular basis
7. Encourage full reporting and tracking of all injury incidents

# SoloLift and SoloVest

## Lifts for the developmentally disabled population

### SoloLift

- Supports all patients, up to 350 lbs., even those with no weight-bearing ability.
- Enables a single caregiver to transfer a patient to and from a wheelchair, chair, toilet, gait trainer, bed, or the floor.
- Creates many new opportunities for easier and more dignified transfers by lifting patients in a natural sit-to-stand arc, from above the waist, using the specialized SoloVest.

#### SPECIFICATIONS

Overall Length: 48" (122 cm)  
 Overall Width: 31" (79 cm) min – 52" (132 cm) max  
 Overall Height: 39" (99 cm) min – 72½" (185 cm) max  
 SoloLift Weight: 140 lbs (64 kgs)  
 SoloVest Weight: 5 lbs (2.3 kgs)

ITEM NUMBER	DESCRIPTION
<b>MDSR711</b>	Frame, SoloLift, R711
<b>MDSR712</b>	Frame, SoloLift, with Scale, R712
<b>MDSR706</b>	Cord, Power Supply, R706

### Ordering Your SoloLift and SoloVest:

1. Determine which size SoloVest is appropriate by measuring girth.
2. Select the frame model (with or without scale), which includes two leg straps, two batteries, and a battery charger.
3. Order power supply cord.



### SoloVest

- With no straps below the waist, preparing the patient for transfer is easier, and clothing remains accessible for toileting.
- Foam padding ensures comfort and skin protection around the patient's arms and upper torso.
- Tightens with just two straps secured by automotive-grade snap-in buckles.

ITEM NUMBER	DESCRIPTION
<b>MDSR703</b>	SoloVest, 350 lb (159 kg), Small (green) Girth: 22"-34" (56-86 cm), R703
<b>MDSR701</b>	SoloVest, 350 lb (159 kg), Medium (Lt. Blue) Girth: 28"-40" (71-102 cm), R701
<b>MDSR702</b>	SoloVest, 350 lb (159 kg), Large (Dark Blue) Girth: 36"-60" (91-152 cm), R702



Caregiver must consider patient's girth when selecting appropriate SoloVest.

#### Important:

User's weight and height must not exceed maximum 350 lbs / 76" (159 kg/193 cm).

# Gait Pacer

- Prompts mount anywhere; no tools required
- Simple two-handed height adjusts in 1" increments
- Innovative casters with separate swivel lock, brake, variable drag and one-way ratchet control
- Fits easily in car trunks and through 32" door frames
- Easy rear access for transfers from SoloLift
- Patient's can face either way (posterior or anterior)

ITEM NUMBER	DESCRIPTION
	<b>MEDIUM, LARGE AND X-LARGE GAIT PACERS AND ACCESSORIES</b>
<b>MDSK521</b>	Frame, Medium For Gait Pacer
<b>MDSK531</b>	Frame, Large For Gait Pacer
<b>MDSK544</b>	Frame, XL, For Gait Pacer
<b>MDSK518</b>	Tray, Communication, K518
<b>MDSK524</b>	Prompt, Chest, Medium, K524
<b>MDSK532</b>	Set, Prompt, Large Arm, K532
<b>MDSK533</b>	Positioner, Hip, K533
<b>MDSK534</b>	Prompt, Chest, Large, K534
<b>MDSK535</b>	Set, Prompt, Thigh, K535
<b>MDSK542</b>	Pad, Positioner, Hip, K542
<b>MDSK546</b>	Set, Prompt, Ankle, K546
<b>MDSK526</b>	Set, Prompt, Ankle, Med, F/Gait Pacer
<b>MDSK536</b>	Set, Prompt, Ankle, Large, F/Gait Pacer

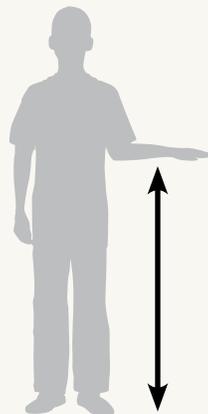


### Frame Colors



### How to order:

1. Determine the size needed based on the patient's size (see chart below).
2. Select frame and color.
3. Choose the accessories you need based on frame size selected.



Measure the vertical distance from the bent elbow to the floor while the user is standing upright. Choose the gait trainer that allows for growth.

#### Important:

Make sure the chest prompt width is adequate, allowing for growth. User's weight must not exceed the maximum working load. Small and medium prompts are recommended for most users of the medium Pacer.

ITEM DIMENSIONS	MEDIUM	LARGE	X-LARGE
Arm Proper Height	24"-34" (61-86 cm)	31"-46" (79-117)	34"-50" (86-127 cm)
Overall Width x Length	26" x 32" (66 x 81 cm)	27½" x 38" (70 x 97)	32"x45" (81 x 114 cm)
Chest Prompt Height (Top Edge)	28"-38" (71-97 cm)	35"-50" (89-127)	39"-54" (99-137 cm)
Frame Height	21"-26" (53-66 cm)	28"-38" (71-97)	31½"-41½" (80-105 cm)
Folded	32" x 26" x 17" (81 x 66 x 43 cm)	38" x 27½" x 17½" (97 x 70 x 44 cm)	45" x 32" x 18" (114 x 81 x 46 cm)
Frame Weight	15 lbs (7 kg)	27½ lbs (12.5 kg)	45 lbs (20 kg)
Max. Working Load	150 lbs	200 lbs	275 lbs
Chest Prompt Circumference	22"-40" (56-102 cm)	28"-50" (71-127 cm)	28"-50" (71-127 cm)

# Transfer Boards

- Smooth and strong, allowing for quick and effective patient transfers
- Made of high density polyethylene
- Easy to clean



## Full Length

Optional: Three 2" (5 cm) web nylon restraint straps with side release plastic buckles ensure safe and secure transfers

ITEM NUMBER	DESCRIPTION
<b>PVCM600A</b>	71" L x 23½" W (180 cm L x 60 cm W) 8 carrying handles 500 lb (227 kg) weight capacity



## Half Length

Optional: Two 2" (5 cm) web nylon restraint straps with side release plastic buckles ensure safe and secure transfers

ITEM NUMBER	DESCRIPTION
<b>PVCM600H</b>	31" L x 23" W (79 cm L x 58 cm W) 6 carrying handles 500 lb (227 kg) weight capacity



## Narrow Full-Length

Optional: Three 2" (5 cm) web nylon restraint straps with side release plastic buckles ensure safe and secure transfers

ITEM NUMBER	DESCRIPTION
<b>PVCM600N</b>	71" L x 15¾" W (180 cm L x 40 cm W) 8 carrying handles 500 lb (227 kg) weight capacity



## Wide Full-Length

Optional: Three 2" (5 cm) web nylon restraint straps with side release plastic buckles ensure safe and secure transfers

ITEM NUMBER	DESCRIPTION
<b>PVCM600W</b>	71" L x 35½" W (180 cm L x 90 cm W) 8 carrying handles 500 lb (227 kg) weight capacity

# PolyGlide Transfer Sheets

## Helps reduce the potential of patient and caregiver injury

- PolyGlide transfer sheets minimize manual patient handling during lateral transfers and repositioning, thereby increasing patient comfort.
- For the caregivers, transfer sheets reduce the effort required during lateral transfers and repositioning and hence minimizes potential caregiver back injuries.

## Autoclavable for Use in the O.R.!

- Can be autoclaved providing sterility for O.R. use.
- Long lasting PolyGlide transfer sheets can be washed up to 150 times without losing the Anti-Bacterial finish.\*

## Provides barrier protection

- Constructed of Polyester and Taffeta with a Silicon finish.
- PolyGlide transfer sheets have a Micro Barrier and finish.

## Promotes safe handling procedures

- Optional storage bag can be attached to bed or stretcher making sheets easy to access, which may increase compliance.

\* Recommended washing is 149 to 167° F and drying from 122 to 149° F. Chlorine bleach is not recommended, but hydrogen peroxide or peracetic acid can be used instead. This product does not protect users or others, from disease causing bacteria.



Positioning



Turning



Putting patient to bed



Lateral Transferring



FSS6072BH



FSS6072RH

## PolyGlide Transfer Sheets

ITEM NUMBER	DESCRIPTION
<b>FSS6072BH</b>	PolyGlide transfer sheet standard with handles, blue, 500 lb capacity, 60" x 72" (152 x 183 cm)
<b>FSS6072RH</b>	PolyGlide transfer sheet standard with handles, burgundy, 700 lb capacity, 60" x 72" (152 x 183 cm)
<b>FSSBAGB</b>	PolyGlide transfer sheet bag, blue

# Durable Stretchers

Keeping you prepared for any situation in the ER, OR, ICU



## Height Adjustable Hydraulic Stretcher

### 450 lb (204 kg) Weight Capacity

Dual Foot Pedal Control Trendelenburg and Reverse Trendelenburg; 28" x 76" (71 x 193 cm) patient surface. Includes: All surface carpet casters; Four wheel central wheel locks; Power assist fowler back rest, 0-90 degrees; Non-marring bumper; Swing down tuck away side rails; Zero transfer gap; Hinged 3" (8 cm) mattress pad; Beachwood/Beige powder coat finish; Fully welded litter top, prevents fluid accumulation; Height Adjustment From 24" to 34" (61 to 86 cm).

ITEM NUMBER	DESCRIPTION
<b>MPH08S890</b>	450 lb (204 kg) weight capacity



## Bariatric Transport Stretcher

### 1,000 lb (454 kg) Weight Capacity

Rugged reinforced frame and litter top; Three position vertical side rails; Foot pedal control hydraulic fowler back rest; Four wheel central locking; Full perimeter non-marring bumper; Four IV receptacles; 4" (10 cm) high density mattress pad; Litter top usable patient surface measures 37" x 80" (94 x 203 cm); Overall bumper to bumper width 40" (102 cm) for door way access; Litter top to floor height measures 29<sup>3</sup>/<sub>8</sub>" (75 cm); Beachwood/Beige powder coat finish.

ITEM NUMBER	DESCRIPTION
<b>MPH08S1190132</b>	1,000 lb (454 kg) weight capacity



## Transport Stretcher

### 750 lb (340 kg) Weight Capacity

Comes with 3" (8 cm) blue mattress, fold down IV poles, 5th wheel steering, tuck-away side rails, quick release O2 holder, dual sided mounted hydraulic raise/lower foot pedals, pneumatic assist positive and negative trendelenburg, pneumatic assist fowler backrest, brake steer foot pedals, 8" (20 cm) mobility casters.

ITEM NUMBER	DESCRIPTION
<b>PED750NPC1G</b>	750 lb (340 kg) weight capacity



MPH08S1050

### General Transport Stretcher

#### 350 lb (159 kg) Weight Capacity

Designed for general patient transport; fully welded frame and litter top; shipped set-up no assembly is required; Four IV receptacles; Full perimeter non-marring bumper; All surface casters; Two locking casters; chrome plated frame, beachwood/beige powder coat litter top.

**Optional Accessories:** Swing down side rails; Mattress pad; Manual fowler back rest

ITEM NUMBER	DESCRIPTION
<b>MPH08S1050</b>	350 lb (159 kg) weight capacity

### General Transfer and Transport Stretcher

#### 350 lb (159 kg) Weight Capacity

Designed for general patient transport; Three position vertical side rails; Fully welded frame and litter top; shipped set-up no assembly is required; Four IV receptacles; Full perimeter non-marring bumper; All surface casters; Two locking casters; chrome plated frame, beachwood/beige powder coat litter top

**Optional Accessories:** Mattress pad; Manual fowler back rest

ITEM NUMBER	DESCRIPTION
<b>MPH08S1150</b>	350 lb (159 kg) weight capacity

## Mobile In-Bed Scale

Highly recommended for ICU, surgical recovery and geriatric areas

A hydraulic lift raises patients just inches from bed, while LCD indicator provides a quick weight readout.

ITEM NUMBER	DESCRIPTION
<b>MPH07IB02</b>	400 lb (181 kg) weight capacity In-bed scale
<b>MPH07IB06</b>	600 lb (272 kg) weight capacity In-bed scale



MPH07IB02



High Position Height of 26"

*Shown with optional Soft-Touch Rails and Staff Control Custom Head and Footboard.*

## Alterra 1232 Bed

### Safety and comfort for the resident

**Minimize the risk of caregiver injury** — The Alterra 1232's maximum height of 26" makes it easy to care for residents without straining, helping to reduce the risk of back injuries.

**Eliminate wall damage** — The bed moves from its lowest (7.25") to highest (26") height without any horizontal movement, and includes a wall guard eliminating wall damage.

**Be better prepared for power failures** — Battery backup keeps bed functioning during power outages or emergency situations.

**Improve Safety for fall-risk residents** — Ideal for fall-risk or Alzheimer's patients with a low height of 7.25".

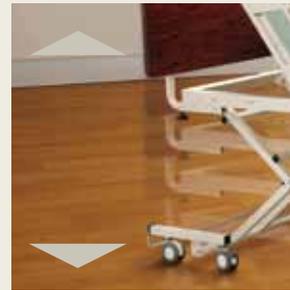
### Ideal for Nursing Homes, Skilled Nursing Facilities and Hospices

The Alterra 1232 is built with the resident in mind, with the following features designed for safety and comfort:

- A smooth, quiet performance is delivered by four ultra-quiet, dependable DC motors.
- Multiple positioning options are made possible by the bed's motors, which control the bed's height, knee hinge and reclining head deck. Residents are able to choose the perfect position for watching TV, reading, socializing or just resting.
- Repositioning and rolling over are made easier by the bed's soft-touch rails. When lowered, the rails are lower than the height of a standard mattress, making transfer on and off a stretcher hassle-free.
- Strength and comfort are afforded by the bed's unique grid/rib deck that prevents the structure from sagging.
- The easy-to-operate hand pendant makes experiencing all of the Alterra 1232's features quick and hassle-free.
- Convenient T-cable allows the hand pendant to be operated from either side of the bed.
- Head and footboards are secured by stability knobs.



Low Position Height of 7¼"



The Alterra 1232 eliminates potential wall damage by moving straight up and down.



The Alterra 1232's battery back-up is mounted on the bed frame and keeps bed functional during a power outage or emergency situations.



The Alterra 1232's wall guard is placed near the head section to prevent wall damage.



Mattress retainers keep the mattress in place for safer transfer in and out of bed.



Stability knobs ensure that the head and footboards are properly secured.

**SPECIFICATIONS**

Height Range: 7¼" to 26" (18-66 cm)  
 Bed Deck Dimensions: 80" (203 cm) long, 34½" (88 cm) wide  
 Overall Length: 87½" (222 cm)  
 Weight Capacity: 450 lbs (204 kgs)  
 Movement Styles: head, knee hinge, hi-low  
 Deck Style: combination grid/rib  
 Rolling Position: move at any height  
 Motors: 4 DC  
 Casters: 8 total, 4 locking  
 Horizontal Movement: No

**WARRANTY**

4 years for electrical components  
 15 years for bed frame  
 Lifetime for welds

ITEM NUMBER	DESCRIPTION
<b>FCE1232QO</b>	Alterra 1232 Bed Package (includes Alterra 1232 hi-low bed, head section assist rails, head/footboards in quartered oak finish, mounting hardware, 4 mattress retainers) HCPCS Code: E0266
<b>FCE1232B</b>	Alterra 1232 hi-low bed only HCPCS Code: E0293

# Alterra 1233 Bed

## Additional Width for Added Comfort

**Ideal for Nursing Homes, Assisted Living Facilities, Skilled Nursing Facilities and Hospices**

Our Alterra 1233 offers all of the same great features of the Alterra 1232 but adds increased comfort for residents with an extra-wide sleeping surface.

This bed is sure to please people – such as private-pay residents – who are looking for comfortable, roomy beds similar to the beds they enjoyed in their own homes.



Same comfort and features of 1232 but with a width of 39"

**SPECIFICATIONS**

- Height Range: 7¼" to 26" (18-66 cm)
- Bed Deck Dimensions: 80" (203 cm) long, 39" (99 cm) wide
- Overall Length: 87½" (222 cm)
- Weight Capacity: 450 lbs (204 kgs)
- Movement Styles: head, knee hinge, hi-low
- Deck Style: combination grid/rib
- Rolling Position: move at any height
- Motors: 4 DC
- Casters: 8 total, 4 locking
- Horizontal Movement: No

**WARRANTY**

- 4 years for electrical components
- 15 years for bed frame
- Lifetime for welds

ITEM NUMBER	DESCRIPTION
<b>FCE1233B</b>	Alterra 1233 extra-wide hi-low bed only

### 7 Keys to Success

1. Have the right equipment:  
Partial weight-bearing patients — Sit-to-stand assist  
Non weight-bearing patients — Elevating floor lift
2. Ensure adequate equipment levels for staff use
3. Implement a safe patient handling policy
4. Identify a safe lifting program champion
5. Train caregivers on both the policy and equipment
6. Assess the patient's weight-bearing ability on a regular basis
7. Encourage full reporting and tracking of all injury incidents

# Instructions for Ordering Alterra Beds

## 1 Pick the Right Bed

ITEM NUMBER	DESCRIPTION
FCE1232B	<b>Alterra 1232</b> hi-low bed only (Refer to page 28 and 29)
FCE1233B	<b>Alterra 1233</b> extra-wide hi-low bed only (Refer to page 30)
FCE1100B	<b>Alterra 1100</b> full-electric bed only
FCE1000B	<b>Medline Manual 1000</b> manual bed only

## 2 Choose Your Head/Footboard & Mounting Hardware

ITEM NUMBER	DESCRIPTION
FCE1232RHFQO	<b>Head/footboard in quartered oak finish</b> with mounting hardware and mattress retainers for FCE1232B, FCE1100B and FCE1000B beds.
FCE1232RHFQOS	<b>Head/footboard in quartered oak finish with staff control mounted on the footboard</b> , staff control connecting cables, mounting hardware and mattress retainers for FCE1232B bed.

**Custom Head/Footboards** Please see "Custom Head/Footboards Options" (to the right) to order custom head and footboards *with* or *without* a staff control.

Examples of How to Build Your Custom-Finish Head/Footboard Item Numbers:



Add suffix "S" to the item numbers to order the **staff control** (example: FCE01RHFS).  
 Add suffix "W" to the item numbers to order the **extra-wide bed** panels (example: FCE01RHFW).  
 Add suffix "WS" to the item numbers to order the **extra-wide bed with staff control** (example: FCE01RHFSW).

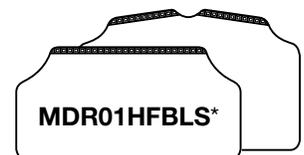
FCE1232HDW	<b>Mounting hardware for head/footboards</b> for FCE1232B, FCE1233B, FCE1100B and FCE1000B beds.
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## 3 Select Assist Rails & Accessories

ITEM NUMBER	DESCRIPTION
FCE1232RSRN	<b>Soft-touch assist rails</b> for FCE1232B, FCE1233B, FCE1100B and FCE1000B beds. These assist rails can be mounted either on the head section or on the foot section of the bed deck. <b>HCPCS Code: E0305</b>
FCE1232RSR	<b>Head section assist rails</b> for FCE1232B, FCE1233B, FCE1100B and FCE1000B beds. <b>HCPCS Code: E0305</b>
FCE1232RSRXT	<b>Extra-tall rails</b> for FCE1232B, FCE1233B, FCE1100B and FCE1000B beds. These assist rails can be mounted either on the head section or on the foot section of the bed deck.
FCE1232ABN	<b>Assist bar</b> for FCE1232B, FCE1233B, FCE1100B and FCE1000B beds.
FCE1232TPZ	<b>Trapeze adapter kit</b> for FCE1232B, FCE1233B, FCE1100B and FCE1000B beds. <i>Note: Trapeze (MDS80615T) not included</i>
FCE1232EXT	<b>Bed extenders to make bed 84" long</b> for FCE1232B, FCE1100B and FCE1000B
FCE123276FS	<b>Foot section to make bed deck 76" long</b> for FCE1232B, FCE1100B and FCE1000B

Items listed above are compatible with all beds except for the Medline Bariatric bed.

### Custom Head/Footboard Design Options



### Custom Head/Footboard Finish Options

Natural Maple

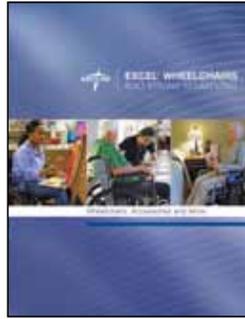
Quartered Oak

Wild Cherry

Provincial Cherry

Gunstock Walnut

\*Custom finish head/footboards for: FCE1232B, FCE1233B, FCE1100B and FCE1000B beds. FCE1232HDW must be ordered with this item.



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