

Maine CITE welcomes you to today's webinar!

AT Devices for **All** Bodies

Severely Obese People, Little People, Very Tall People

The webinar will begin soon.

Melissa H. Bliss, MS OTR/L

Serving all ages and all abilities!

Maine CITE and partners provide:

- Information and assistance
- Assistive technology training
- Device demonstrations
- Device short-term loans
- Device reuse

Partners include:

- Spurwink ALLTECH
- Pine Tree Society
- Gallant Therapy Services
- University of Maine
Farmington



Title slide

AT Devices for All Bodies

Severely Obese People, Little People, Very Tall People

Melissa H. Bliss, MS OTR/L

Webinar Objectives

- Understand terminology related to body stature: Severe Obesity, Little People, Very Tall People
- Learn about environmental barriers for a variety of body statures
- Identify some of the assistive technology (AT) for mobility, activities of daily living (ADL), and quality of life for all body types

Overview of Body Types



Challenges



Role of Assistive Technology

#1. Improve Quality of Life!

Mobility

Activities of Daily Living

Home and Work

Accessibility

Challenges to Independent Mobility

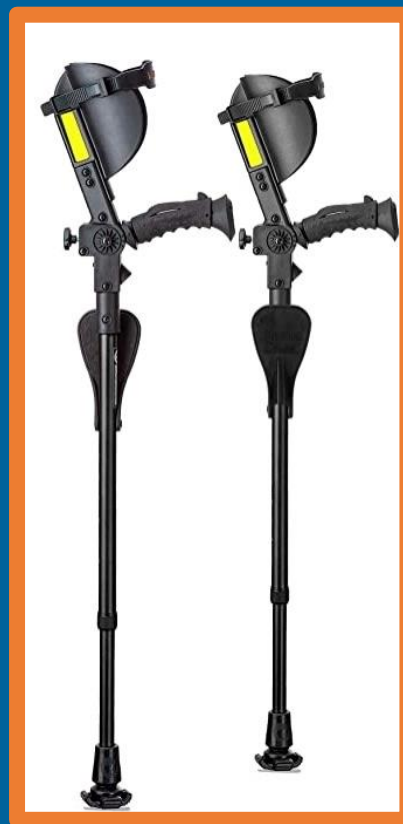
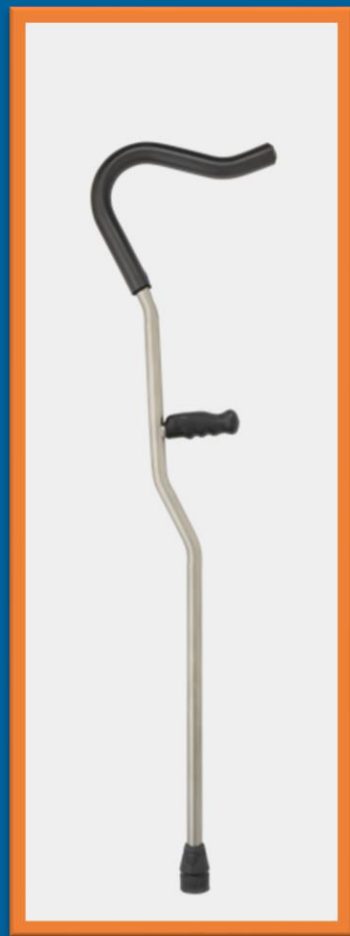
Pain and orthopedic problems can affect walking and standing.

AT to the Rescue!

- Canes, crutches and walkers
- Manual wheelchairs
- Power wheelchairs and scooters



Canes and Crutches



Walkers and Rollators



Manual Wheelchair Heights and Weight Capacities

Examples of various sizes offered by Invacare:

- Patriot Super Low: 14” seat height, 250 lb weight capacity
- 9000XDT IVC Heavy-Duty/Tall: 21.5” height, 350lb weight capacity
- Topaz Bariatric: can be configured for up to 30” wide and 1000 lb weight capacity

Power Wheelchairs and Scooters

Examples

- Pride Jazzy 1450 (24" x 24" seat, weight cap. 650 lbs).
- Pride Mobility Maxima 4-Wheel Mobility Scooter (weight cap. 500 lbs)
- Go Go Elite 3-Wheeled Scooter (11" seat-to-floordeck height)

Home Modifications

Ramps



Home Modifications

- Look for wider doorways: 36" or greater.
- Padded doorframes if you're taller than 6'5"
- Remove ceiling fans and low-hanging light fixtures
- Install railings and grab bars at appropriate heights for every body.



Offset Hinges

Home Modifications

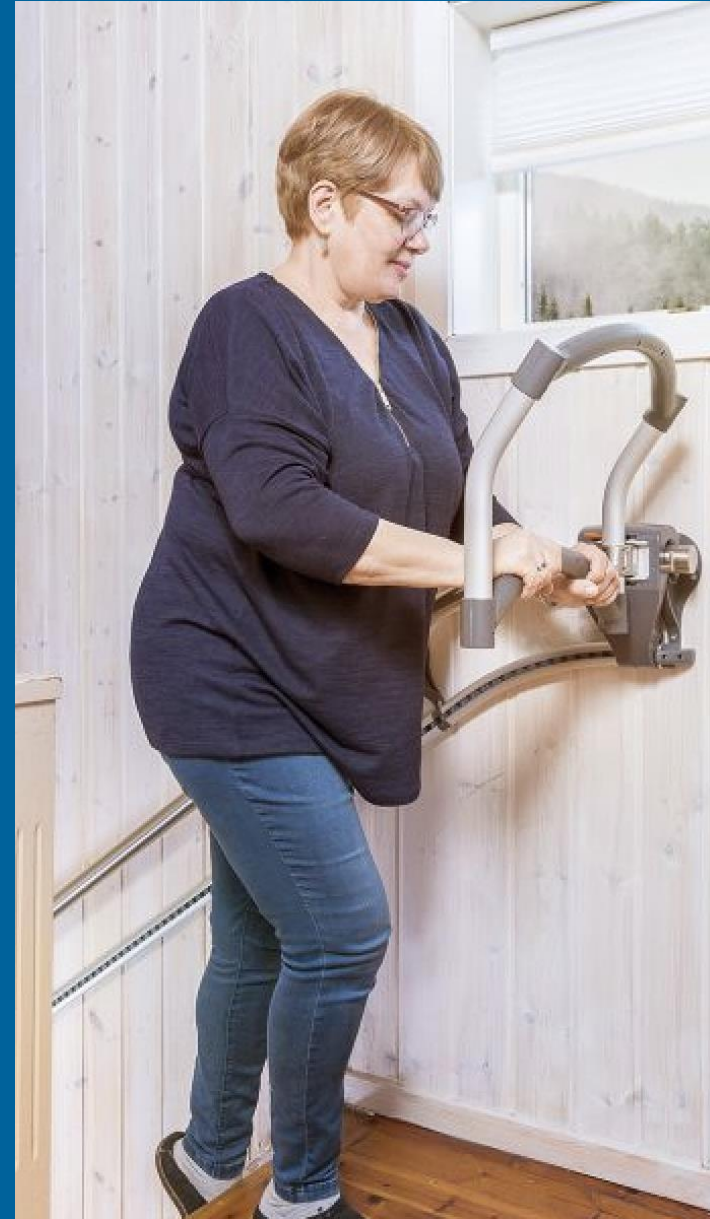
- Remote control blinds and curtains
- Side by side refrigerators
- Front-loading washer/dryer
- Lever-style door handles, with fabric strap extenders



Home Modifications

Stair Climbing
Aids:

“AssiStep”



Low Tech AT



Low Tech AT



Low Tech AT

Luggage Handle Extender



Bouncy Band

AT for Activities of Daily Living

Transfers for
ADLs



ADL: Bathing



ADL: Bathtub Alternatives



CleanCut Convertible Bathtub
Accessibility Kit

ADL: Personal Care



ADL: Toileting



ADL: Toileting



AT for Mobility

Increasing Your
Safety Leads to
Greater
Independence!

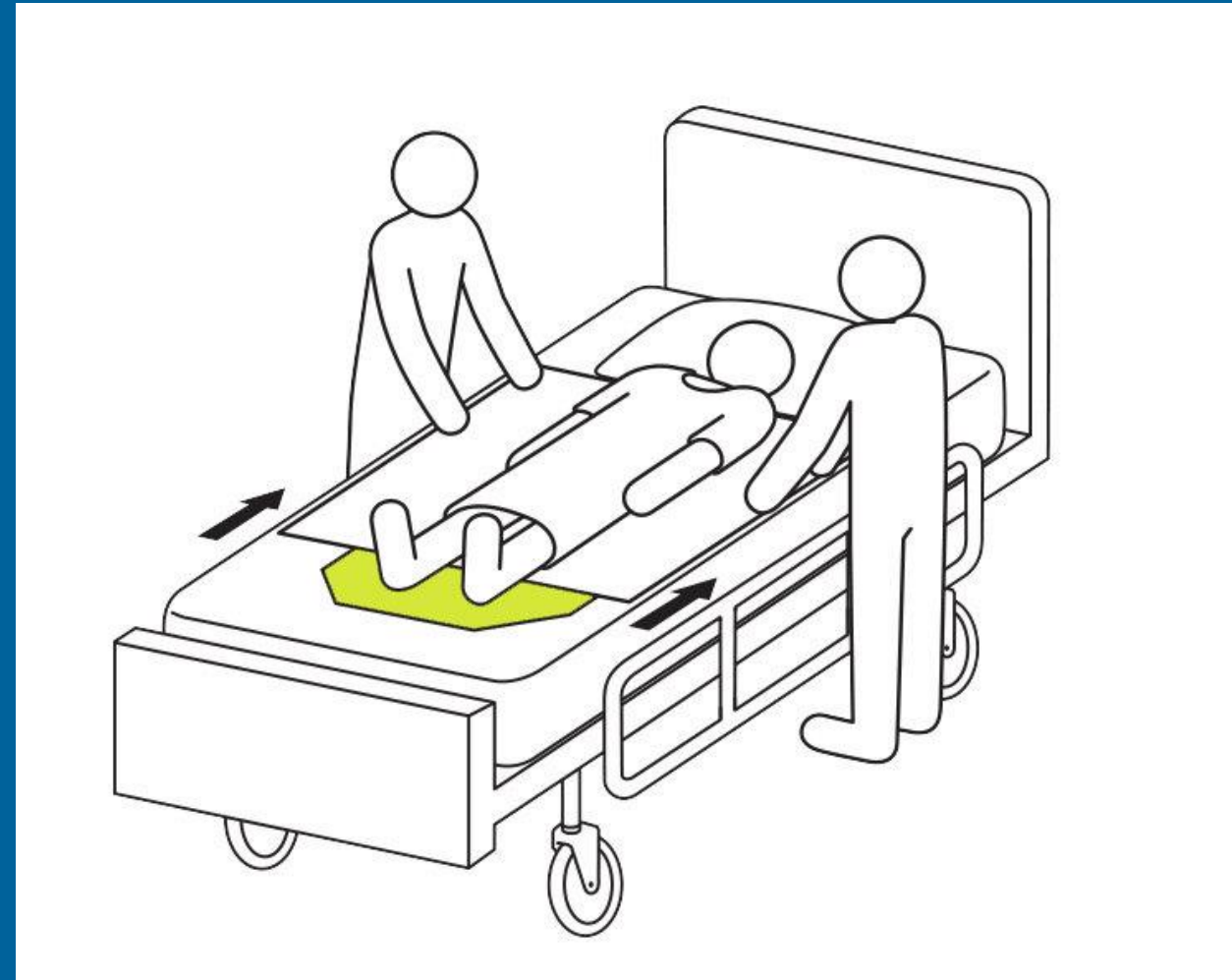
AT for Mobility: Low Tech Devices



AT for Mobility: “Boosting”

Slide Sheets

Friction-Reducing Devices



AT for Mobility: Repositioning and Turning



AT for Mobility: Patient Lifts

- For People Who Cannot or Should Not Stand
- Using a mechanical patient lift reduces pressure forces by up to 60%
- patients report feeling safer and more comfortable than compared to a manual transfer.
- Some floor and ceiling lifts accommodate bigger weights and heights

AT for Mobility: Floor Lifts and Ceiling Track Lifts



AT for Mobility: Limb Slings



AT for Mobility: Sit to Stand Lifts



Dressing: Low Tech



Dressing: Clothing Designed for All Bodies



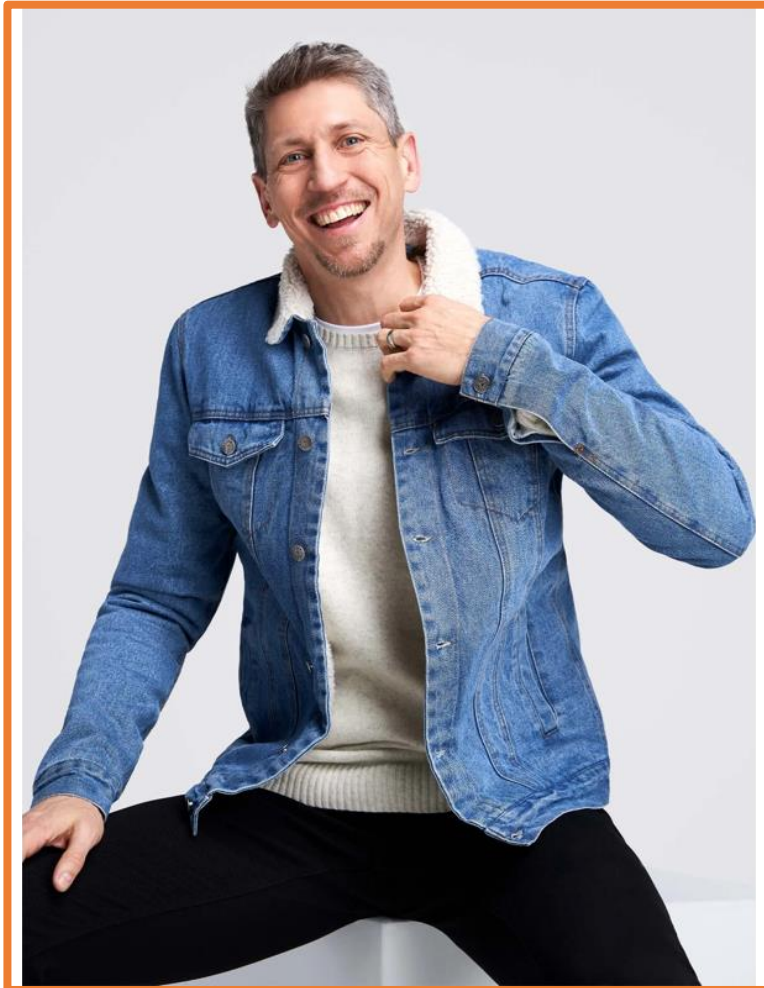
silverts.com

Dressing: Clothing Designed for Little People



(Links for designers are on the LPA website.)

Dressing: Clothing Designed for Tall People



AT for Everyday Living



AT for Everyday Living

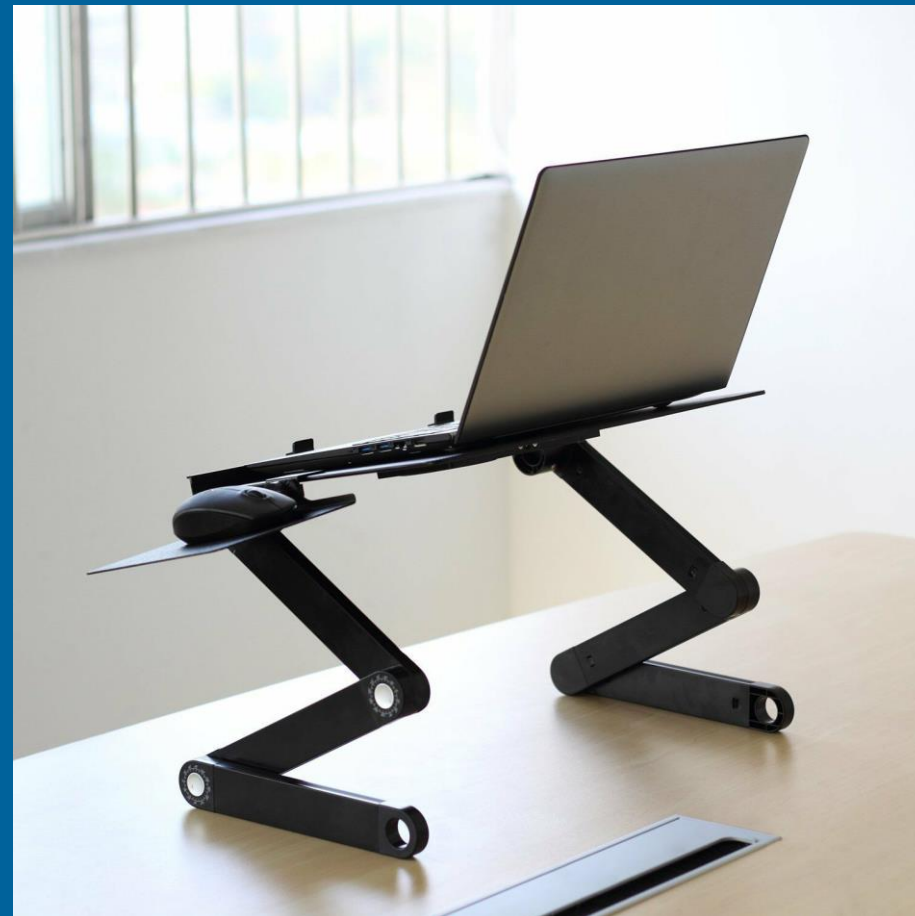


AT for Everyday Living

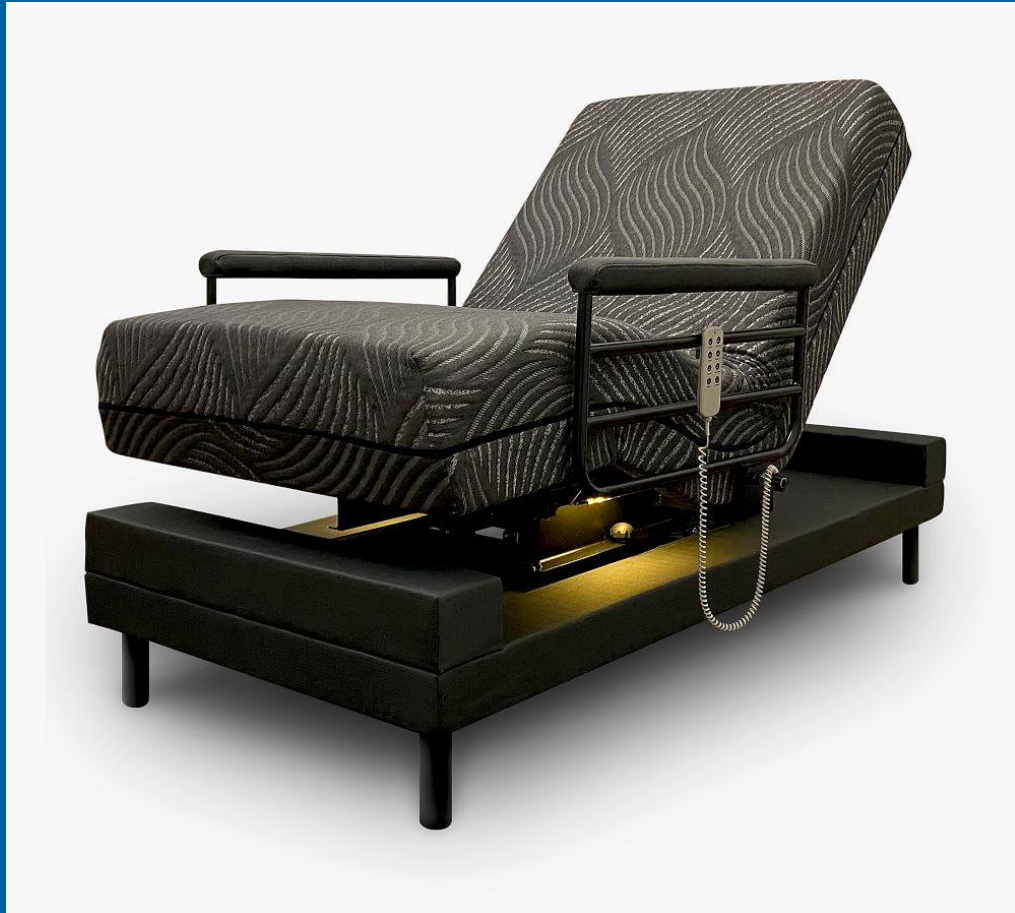
ErgoChair: very adaptable office chairs

- Head rests
- Arm supports
- Foot plates and rests
- Coccyx cutouts and zones
- Split seats
- Gel, Memory Foam and air cushion pressure relief

AT for Everyday Living



AT for Everyday Living






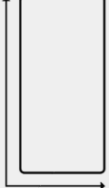


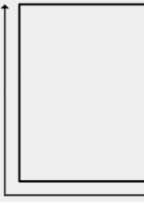
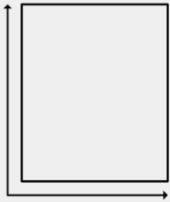
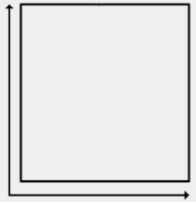
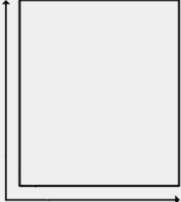
AT for Everyday Living

Bed Size Solutions:

Tall Paul's Tall Mall

“Extend-a-Bed”
to 90” long

Bed Size Chart

				
Crib	Small Single	Twin	Twin XL	Full
52 x 28 in	75 x 30 in	75 x 38 in	80 x 38 in	75 x 54 in
				
Full XL	Queen	Olympic Queen	King	California King
80 x 54 in	80 x 60 in	80 x 66 in	80 x 76 in	84 x 72 in

Driving

- Pedal Extenders for Gas and Brake Pedals
- Manual controls
- Thick back cushions
- On/off switch for deactivating the air bag, (as authorized by The National Highway Traffic Safety Administration)



Reach out! We are here to help!



Maine CITE

Assistive Technology for all ages and all abilities

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