

**CONNECTICUT VALLEY HOSPITAL  
PHYSICAL THERAPY SERVICES**

**PT Equipment Procedure #29**

**Re: Marisa Lift**

**Date: March 20, 2000**

**Revised: October 19, 2008**

- Description:** The Marisa Lift (made by Arjo) is a battery-operated device designed to lift a dependent patient for the purpose of transfer. A Marisa Lift allows staff to transfer a patient from bed to chair, chair to bed, chair/bed to/from toilet, floor to bed/chair (see below for descriptions of specific transfers).
- Indications:** The Marisa Lift is indicated when transferring a **dependent patient or one who is unable to bear weight**. Special circumstances, which may indicate use of Marisa, include but are not limited to: transferring a patient to a high bed and transferring a patient who has fallen to the floor into a chair. The maximum weight capacity of the Marisa Lift is 420 lbs. do not exceed.
- Procedure:**
- 1.) Explain procedure to patient.
  - 2.) Have correct size sling ready: green = large, blue = extra large  
All slings have a maximum weight capacity of 420 lbs.
  - 3.) Have the correct type of sling ready: toileting slings, mesh bathing slings, unpadded slings, regular slings.
  - 4.) At least two staff members must be present for Marisa Lift use.
- To lift from a chair:
- A. Jib should be mounted in the upper position.
  - B. Place sling around patient so that base of spine is covered; head support is behind the head. Pull each leg piece under the thigh so that it emerges on the inside of the thigh.
  - C. Positioning handle should face away from the patient.
  - D. Chassis legs many have to be opened to go around chair/wheelchair by applying foot pressure on the right side foot pedal.
  - E. Attach shoulder clips of the sling to spreader bar.
  - F. Press down on positioning handle and attach leg strap attachment clip.

- G. Raise the patient by operating handset control while lifting the positioning handle until patient is reclined in sling.
- H. Transport patient to destination.
- I. When lowering patient into chair, push down on positioning handle to put him/her into proper sitting position.
- J. Remove sling from under patient after transfer.

To raise from the bed:

- A. Jib should be mounted in the upper position.
- B. Place sling under patient by rolling him/her toward operator of lift, then folding sling in half and placing it behind patient's back. Patient should be centered on sling with head support covering the neck when rolled onto back.
- C. Approach bed with open part of spreader bar toward patient's head. Chassis legs will go under bed (adjust chassis leg width as necessary).
- D. Attach shoulder strap attachment clips (positioning handle may be used).
- E. Attach sling leg pieces. Operator may have to lift one leg at a time and press down on positioning handle to do so.
- F. Lift patient by using handset control; transport to destination.
- G. Lower into chair as described above. (I)
- H. Remove sling from under patient after transfer.

To raise from the floor:

- A. Jib must be mounted in the lower position.
- B. Place sling around patient as before, using rolling or sitting up method.
- C. Open chassis legs and position patient's legs over chassis and apply chassis brakes.
- D. Lower spreader bar to patient's level.
- E. Attach shoulder strap attachment clips.
- F. Raise hip and knee into maximum flexion, push down on positioning handle and connect leg strap attachment clips.
- G. Raise patient from floor using hand held control and transport to destination (chair or bed).
- H. Remove sling from under patient after transfer.

At the toilet:

- A. Jib must be mounted in the upper position.

- B. Be sure to use special toileting sling.
- C. Loosen garments prior to lifting sling on patient.
- D. Apply sling in the same manner described above in “to lift from chair” or “to lift from bed.”
  - \* Note: for toileting, both patient’s arms are positioned outside sling, over the padded areas but under the head section support straps.
- E. Lift patient and transport to toilet.
- F. Remove garments and lower patient to toilet.
- G. Return patient to bed/chair and remove sling.

At the Century Tub:

- A. Jib must be mounted in the upper position.
- B. Use mesh-bathing sling.
- C. Loosen garments prior to fitting sling on patient.
- D. Apply sling in same manner as above “to chair” or “to bed.”
- E. Attach slips of sling to spreader bar.
- F. Lift patient and transport to tub.
- G. Remove garments and lower patient into tub.
- H. Detach clips of sling during bath time and move Marisa Lift aside.
- I. Once tub bath is complete, attach clips of sling, remove patient from tub, dry and clothe patient and return him/her to chair/bed as described above.
- J. Remove sling from under patient after transfer.

Safety Tips:

- 1. Care must be taken when lowering spreader bar to patient when hooking up sling.
- 2. Always check that the sling attachment clips are fully in position before and during lift.
- 3. Do not use special toilet sling, except for toileting.
- 4. Recharge and replace battery pack daily.

Cleaning and Maintenance of Marisa Lifts in the Physical Therapy Area:

- 1. Clean Marisa Lift as per Physical Therapy Cleaning Procedures.
- 2. Each Marisa Lift receives Biomedical Testing annually in January of each year.