

**Manitoulin-Sudbury District Services Board
POLICY & PROCEDURES MANUAL**

Section: G. Emergency Medical Services	Effective Date: March 1, 2010
Topic: 8. Occupational Health and Safety	Replaces: New
Subject: 3.3. Alternative Lifting Equipment	
Policy No. G.8.3.3	Page 1 of 3

PURPOSE

To outline safe workplace process in the use of alternative lifting and patient transfer devices

APPLICATION

Paramedics, EMAs, Management

PROCEDURE

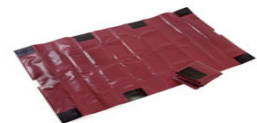
Rationale for use

Devices to reduce friction force when transferring a partial- or non-weight bearing patient, such as a draw sheet, slider board or transfer cot with handles (Manta Rescue Aid/AutoPulse Soft Transport Stretcher), between two horizontal surfaces such as a bed to a stretcher. The Manta Rescue Aid can also be used to evacuate patients or cover patients during window extractions. It is also ideal for rescue from confined areas.

Description

Manta Rescue Aid

- Pockets at both ends hold backboard, patient's feet and head
- Fire retardant
- Holes at each end allow for water drainage



Product Specifications:

- 78" x 45" (222 cm x 115 cm)
- Load Capacity: 800 lb. (363 kg)

AutoPulse Soft Transport Stretcher

- Latex Free, vinyl material with continuous reinforced nylon straps.
- No-slip grip rubberized and pre-molded handles allow for safer transport and prevent transporter fatigue.

Product Specifications:

- 30 in.x 70 in. (76.2 cm x 177.8 cm)
- 2,000+ pound load capacity.

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Procedure for Use

Lateral Transfer

- Best used in combination with slippery sheets, low friction mattress covers, or slide boards; boards or mats with vinyl coverings and rollers; gurneys with transfer devices; and air-assist lateral sliding aid or flexible mattress inflated by portable air supply.

Application

- Unroll and place along side of patient
- Tuck one half under the patient.
- Place the patient's arms on top of the patient as injuries permit
- Roll patient onto first half of sheet
- Pull second half from under patient.

Points to Remember:

- More than one caregiver is needed to perform this type of transfer or repositioning. Additional assistance may be needed depending upon patient status, e.g., for heavier or non-cooperative residents.
- Some devices may not be suitable for bariatric residents.
- When using a draw sheet combination use a good hand-hold by rolling up draw sheets or use other friction-reducing devices with handles such as slippery sheets.
- Narrower slippery sheets with webbing handles positioned on the long edge of the sheet may be easier to use than wider sheets.
- When using boards or mats with vinyl coverings and rollers use a gentle push and pull motion to move resident to new surface.
- Look for a combination of devices that will increase patient's comfort and minimize risk of skin trauma.
- Ensure transfer surfaces are at same level and at a height that allows caregivers to work at waist level to avoid extended reaches and bending of the back.
- Count down and synchronize the transfer motion between caregivers.
- Use proper lifting procedures.

For more detailed instructions, please refer to your in-service training, document references and user's manual.

Storage:

After each usage it is to be stored safely and according to our existing policy "Securing Equipment" (Policy and Procedure G. 8.4.3.).

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Cleaning:

These devices may be cleaned with any standard household detergent in water and rinsed in hot running water. If disinfection is required, the devices may be disinfected according to "Disinfection of Vehicles and Patient Care Equipment", (Policy & Procedures G.6.2.)

REFERENCE

Ferno Canada, Manta® Rescue Aid, 2003
 Found at: http://www.ferno.com/product_detail.aspx?prodID=9FD841A4-49D5-4F13-AFC9-CD0DB0BA5F21

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Emergency Health Services, Occupational Health Services, 1991, *A Lifting Training Program for Emergency Medical Attendant*

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U.S. Department of Labor, Occupational Safety and Health Administration, 2009, *Ergonomics for the Prevention of Musculoskeletal Disorders*, Viewed Sept 11, 2009
http://www.osha.gov/ergonomics/guidelines/nursinghome/final_nh_guidelines.html

Manitoulin-Sudbury District Services Board, *Securing Equipment*, Policy and Procedure G. 8.4.3.

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