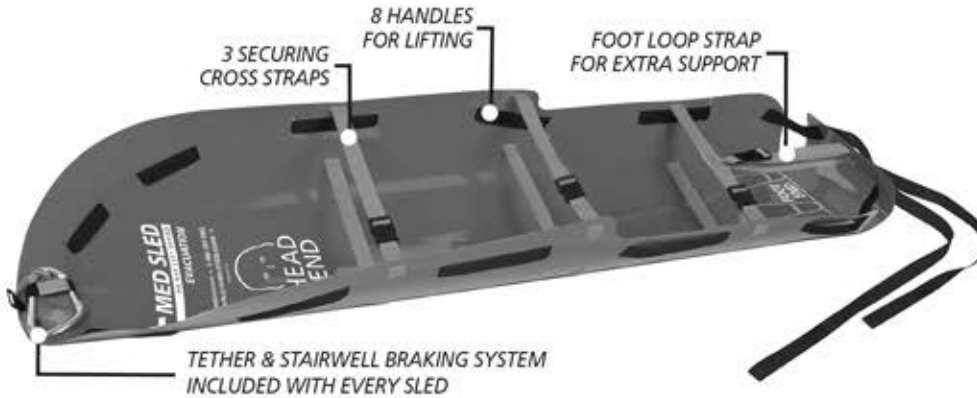


# **MED SLED**

NO ONE LEFT BEHIND

## EVACUATION

### MS28, MS36, MS48 INSTRUCTIONS



When using the Med Sled® Evacuation Sled to transport humans every precaution should be used to secure the person to the sled properly ensuring they remain on the sled during transport. The directions below outline the proper way of using and securing a patient to the sled. ARC Products takes no responsibility for injuries sustained in an emergency rescue situation.

NOTE: For the safety of the staff/clinicians performing the evacuation of patients utilizing the Med Sled® Evacuation Sled, Med Sled® follows national protocol recommendations that staff work in a "buddy system" (team of two). If the evacuation scenario does not allow this, patient evacuations on the Med Sled® Evacuation Sled can be completed by a single person.

- 1 When transporting a patient from a hospital bed, lock wheels of bed.
- 2 Pull sheets from both sides and cover patient in bedding. Include pillows for head.
- 3 Unroll sled and approach patients upper body. (See Figure 1.)
  - a. If sled begins to roll back up, fasten or tighten the foot cross strap.
- 4 Put patient on sled.
  - a. Roll Patient on their side away from door and slide Med Sled® Evac Sled under head and shoulders then slide remaining sled under buttocks and legs.
  - b. Make sure sled is completely on the bed's mattress.
  - c. Roll patient back onto sled and slide bedding and patient to middle of sled.
  - d. Add any external devices between patient's legs and along sides. IV bags, oxygen, etc.
  - e. Secure patient to sled by fastening all three cross straps. Tighten snugly. (See Figure 2.)
  - f. Ensure ankle strap is tightened until sides meet foot pad.
- 5 Foot loop strap should be used at all times. (See Figure 3.)
  - a. Strap should be above patient's feet from cross strap to foot pad.
  - b. Cross strap should be connected and tight.
  - c. Tighten foot loop strap until foot pad touches sled sides.
- 6 Taking sled off bed:
  - a. If power exists, lower bed to lowest position.
  - b. For non-attached mattresses you can grab entire mattress at foot end and rotate mattress toward door.
    1. Make sure sled is in middle of mattress.
    2. Standing on inside of mattress, guide sled down mattress in a "slide" fashion. (See Figure 4.)
  - c. For attached mattresses, tables or gurneys, spin sled so the foot of sled is extended off the end side of mattress toward the door.
    1. Position people on each side, holding perimeter tether near head of evacuee.
    2. Push foot end to floor. As sled slides off mattress, use a single knee or leg drop to lower head of sled to the floor.



FIG. 1



FIG. 2

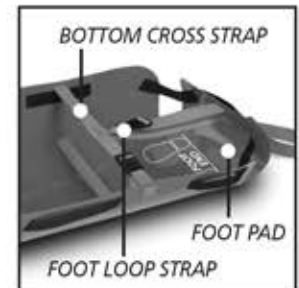


FIG. 3



FIG. 4

(continued on back)

(continued from front)

- 7 Grab end strap and pull toward door. The Med Sled® Evac Sled will easily slide down mattress to floor.
- 8 One or Two employees will pull patient toward emergency exit from the foot strap. (See Figure 5.)
- 9 Open exit door and pull patient to top of steps feet first. (See Figure 6a.)
  - a. Patient should be pulled over the first step no further than the knees.
- 10 Approach head of sled and secure large spring hook (carabineer) to the OUTSIDE railing bracket connected to wall. (See Figure 5a.) Connect spring hook to railing bracket. (See Figure 6b.) Do not hook to railing below bracket as hook will slide down with patient. Firmly grab loose tether and take out slack, making sure the tether is wrapped once completely around spring hook.
  - a. Employee on lower landing is now ready to pull foot strap. (See Figure 6c.)
  - b. Upper landing employee lets out tether as the sledding action lowers patient. The spring hook provides a friction breaking system.
- 11 At bottom landing upper employee unhooks spring hook and walks it to lower landing while taking up tether slack.
  - a. Both employees turn patient on landing to repeat process.
- 12 **Cleaning and Rerolling your Sled** - Follow medical protocols for bodily fluids on the sled up to and including disposal if contamination is involved.

When reusing, rewind the braking tether and attach spring hook and tether to front of sled with Velcro. Re roll the sled tightly starting at the foot of the sled. The final roll should be less than 9" in diameter. Wrap the cinch strap around and Velcro. Slide back into carry bag.

Care should be taken to keep the product dry, out of direct sunlight and extreme climate/environmental conditions.

### Indications

Extraction of a patient from a building to an alternative care site, waiting ambulance or wheeled stretcher

### Contraindication

Maximum load for the Med Sled® evacuation devices is 992 lbs. (450 kg.) This limit must not be exceeded

### Complications

Pressure points, misalignment of the spine, pain and discomfort

#### PRODUCT WARNINGS

- Never leave patient unattended.
- Not intended for persons under 100 lbs. or 48" without proper inserts or youth sled.
- If sled is torn or damaged discontinue use.
- Sled may slide on uneven surfaces.

#### CAUTION

- Med Sled® recommends 2 qualified persons to operate. If situation does not allow, 1 person can operate the device safely.
- Risk of falling in the use of this product.
- Danger of serious physical injury if said product is not used or maintained properly.
- Safety straps produce danger of strangulation.

### Instructions for taking EQUIPMENT with the patient

- a. If the patient is on oxygen (O2), put the O2 tank between the patient's legs, valve up towards groin. We can put a pillow under the tank to protect the patient.
- b. Secure under the cross straps.
- c. IV bags are placed between the arm and torso, close to the pit of the arm.
- d. Monitors and pumps will be secured under cross strap, between the patient's legs and resting on pillow or blanket. If the pump or monitor has a handle, the cross strap can be placed through the handle.
- e. Bariatric Sleds (MS48) work best for Critical, or Post OP that maybe connected to equipment. The MS48 is 12" wider than the standard sled.



FIG. 5



FIG. 6a



FIG. 6b  
Closeup of hook  
attached to  
railing bracket



FIG. 6c