






SWP-SPH-RECOVERY FROM FLOOR-AIR-ASSISTED DEVICE

Description of Task: Recovery of patient from floor using air assisted mechanical device			
Position/Job: 2 or more Healthcare Workers (HCW's)		Department/Unit: All patient care areas	
Potential Hazards		Personal Protective Equipment Required	
	<i>Risk for Injury (check all that apply)</i>	<i>Specify Type, Manufacturer, Model</i>	
<input type="checkbox"/>	Biological (puncture/spill/splash/exposure)	<input type="checkbox"/>	Head Protection:
<input type="checkbox"/>	Caught In/Under/Between Wall, Equipment	<input type="checkbox"/>	Eye Protection:
<input type="checkbox"/>	Chemical/Hazardous Substance/Medication	<input type="checkbox"/>	Hearing Protection:
<input type="checkbox"/>	Contact with Hot/Cold Object/Substance	<input type="checkbox"/>	Face Protection:
<input type="checkbox"/>	Contact with Sharp Object (not biological)	<input type="checkbox"/>	Hand Protection:
<input type="checkbox"/>	Electrical	<input type="checkbox"/>	Foot Protection:
<input type="checkbox"/>	Falling or moving equipment/material	<input type="checkbox"/>	Respirator/Fit Test:
<input type="checkbox"/>	Moving machinery / parts	<input type="checkbox"/>	Body Protection:
<input checked="" type="checkbox"/>	MSI-Awkward / sustained postures	<input type="checkbox"/>	Hi Visibility Apparel:
<input checked="" type="checkbox"/>	MSI-Forceful exertions	<input type="checkbox"/>	Other:
<input type="checkbox"/>	MSI-Repetitive motions	Equipment and/or tools required to perform task Air Supply Air-assisted Devices: <ul style="list-style-type: none"> • Mattress (e.g. Hover Matt™) • Riser (e.g. Hover Jack™) Disposable Cover Sheet Access to electrical outlet Sliders, training in how to insert sliders, extension straps if available (patient not in accessible area)	
<input type="checkbox"/>	Noise		
<input type="checkbox"/>	Surfaces/Objects causing slips, trip or falls		
<input checked="" type="checkbox"/>	Task requires more than 1 worker		
<input checked="" type="checkbox"/>	Violent, Aggressive or Reactive Behaviours	For machine operation tasks complete the following	
<input type="checkbox"/>	Working Alone or in Isolation	Machine Description and Safety Features: N/a	
<input type="checkbox"/>	Working at Heights		
<input checked="" type="checkbox"/>	Other: Signs and symptoms of a musculoskeletal injury (MSI) can include pain, burning, swelling, stiffness, numbness/tingling, and/or loss of movement or strength in a body part. Report these to your supervisor.		
Patient/Client/Resident Related Tasks - be knowledgeable of patient specific hazards (CARE Alert, Falls Risk, Patient Handling Assessment, Isolation Precautions, etc.)		Set-up and maintenance of this equipment is only to be performed by trained/authorized staff following the manufacturer's manual.	
Training and Proficiency:			
Staff who perform this task must be trained as indicated below in this safe work procedure prior to performing it. Training must be documented. This SWP must be available to staff.			
<input type="checkbox"/> Read Procedure and Sign		<input type="checkbox"/> Other Required Training:	

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<input checked="" type="checkbox"/> Demonstrated Competency			
Responsibilities			
Manager/Supervisor or Designate: Ensure all staff are trained and that duties are performed in accordance to training, established health and safety regulations, guidelines, policies and procedures (e.g. following safe work procedures).		Staff performing task: Perform task in accordance to training, established health and safety regulations, guidelines, policies and procedures (e.g. following safe work procedures). Follow process for reporting hazards, injuries, occurrences and patient safety events.	
Approved by	Original Effective Date	Revised Effective Date	Reviewed Date
Provincial Workplace Safety & Health Working Group	April 2022	April 2022	January 2022
This safe work procedure was created by Provincial MSIP Safe Work Procedure group, and will be reviewed any time the task, equipment or materials change and at a minimum of every three years from the last revision date.			
Notes/Other Considerations:			
Considerations: <ol style="list-style-type: none"> 1. Additional HCWs may be required to assist with certain procedures (e.g. log roll and operating air supply) or patients of size. 2. Inspection of the air-assisted devices and air supply unit should be done by HCW with every use. 3. For patients on Additional Precautions (isolation/blood or body fluids exposure), a single patient use air-assisted device or a disposable water proof cover sheet would be recommended and can remain in the patient environment after cleaning for reuse on the same patient. 4. Use a wheeled cart/device to store and transport all equipment. 			
Contraindications: The Air Assisted Device should not be used for moving patients with suspected unstable fractures of the spine unless used in conjunction with a spinal board.			
PATIENT IN ACCESSIBLE AREA			
1	Remove the air-assisted device from the storage cart and lay the mattress flat beside the patient. Position mattress correctly by using head and foot indicators on the top side of the mattress.		
2	Release the buckles on the mattress and lay straps open.		

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3	<p>HCWs positioned on either side of patient in half kneel with back straight. HCW#1 pushes/rolls patient towards HCW#2 by shifting weight up and forward. Other HCWs available assist with pushing patient. HCW#2 maintains patient in place while HCW#1 positions mattress under patient. Repeat on opposite side to pull mattress through.</p>	
4	Fasten the buckles loosely across the patient. Monitor strap tension throughout inflation procedure.	
5	Place riser flat on the floor next to patient as per manufacturer's instructions. Ensure the deflation valves are closed tightly and release two buckles on riser and lay straps open.	
6	<p>Connect the hose to the mattress and inflate.</p>	  
7	<p>Attach extension straps or substitute (e.g. blanket, scrub pants etc.) to handles of mattress and transfer patient onto riser.</p> <p><u>Option 1:</u> HCWs positioned on either side of air-assisted devices. HCW #1 stands with wide base of support and one foot in front of the other and holds straps to guide mattress onto the riser using weight shift. Using a half kneel position with back straight, HCW#2 pushes mattress onto riser using a weight shift.</p> <p><u>Option 2:</u> HCWs positioned on outside edge of riser standing with wide base of support and one foot in front of the other. Both HCWs hold straps and guide mattress onto riser using weight shift.</p> <p>If extension straps are not available, HCWs are positioned on either side of air-assisted devices in a half kneel with back straight. Using weight shift, HCW #2 pushes mattress while HCW #1 guides mattress onto riser.</p>	



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8	Turn off the air supply to deflate the mattress and disconnect the hose. Remove extension straps or substitute.
9	Secure the two devices (mattress and riser) together by looping the straps of the riser through the handles of the mattress. Fasten buckles of riser loosely across the patient. <div style="display: flex; justify-content: space-around;">   </div>
10	HCWs kneel with back straight on either side of the patient to ensure the patient remains centered during inflation of the riser.
11	Connect the air supply to the riser and inflate starting at the valve closest to the floor (Valve #1). Fasten valve cap once chamber is filled with air. Continue inflating remainder of valves in order from lowest to highest. Assess for correct patient positioning throughout process. Turn off the air supply. <div style="display: flex; justify-content: space-around;">   </div>
12	Position stretcher/bed and riser side by side. Whenever possible, move stretcher/bed. If riser must be moved along floor, use long strap at the head end or the grab handles attached to the ends or sides.
13	Ensure brakes are on the bed or stretcher. Minimize space between surfaces. Use hard board to bridge gap if necessary.
14	HCW #1 stands beside air-assisted devices. HCW #2 stands on opposite side of bed/stretcher.
15	Unfasten the buckles of the riser only. Reconnect the air supply to the mattress and inflate. Ensure air supply is closest to receiving surface.
16	HCW#1 pushes mattress onto receiving surface on an angle starting at the foot end. Once handles of mattress are within easy reach, HCW #2 guides mattress onto receiving surface. If difficult to reach, use extension straps to reduce reaching.
17	Once the patient is safely on the bed/stretcher, deflate the mattress and riser and remove mattress from under patient.

SWP-SPH-RECOVERY FROM FLOOR-AIR- ASSISTED DEVICE

PATIENT NOT IN ACCESSIBLE AREA	
1	<p>Location of patient fall will determine number of HCWs based on space. Insert sliders under patient as able. Place pillow under patient's head on top of sliders. Insert extension straps (or substitute) through loops of both sliders at one end.</p> 
2	<p>HCWs stand with wide base of support, one foot in front of the other. Grasp extension strap or substitute (e.g. blanket, scrub pants etc.). Keeping back straight, weight shift backwards to slowly slide patient to accessible area.</p> 
3	<p>Place mattress on floor. HCWs slide patient onto mattress. Additional HCW holds mattress in place where possible. Remove sliders</p>
4	<p>Continue from step 4 - PATIENT IN ACCESSIBLE AREA</p>
Related Materials:	
References:	