



7e. Hoist transfer - using ceiling track hoist - 2 workers

How to use this form:

This procedure must be reviewed for appropriateness in the immediate workplace by the supervisor/manager in consultation with the staff doing the task.

Staff contributing to the review of the procedure for the immediate workplace:

Date:



Identified risks for this task	Risk controls
<ol style="list-style-type: none"> 1. Bending, twisting and over reaching. 2. Incorrect selection of hoist sling. 3. Unfamiliar with operating procedures for the hoist. 4. Poor maintenance of equipment 5. Poor communication between workers. 6. Worker not trained in manual handling principles and techniques which support the safe application of this procedure. 7. Worker not trained/instructed in this safe work procedure. 	<ol style="list-style-type: none"> 1. Apply the principles and techniques of manual handling as per this safe work procedure. 2. Select prescribed sling as per Client Manual Handling Plan. 3. Refer to manufacturer’s instructions for operating the hoist. 4. Regular maintenance of all equipment, i.e. hoist and sling. Worker should immediately complete an OHS Hazard Report Form and/or maintenance request if the equipment is unsafe to use. 5. Use effective team communication as per this procedure. 6. Workers should receive training/instruction in the principles of manual handling to safely perform this task. 7. Workers must receive appropriate on site training/instruction in this procedure prior to performing this task.
<p>Ongoing review requirements</p> <ul style="list-style-type: none"> • Review the relevance and currency of this procedure to the client as part of the client review process. • If an injury/incident occurs relating to this particular task. • If changes are made to the workplace that may affect implementation of this procedure. 	<p>Reviewed by:</p> <p>Reason for review:</p> <p>Review date:</p> <p>Manager’s Signature:</p> <p>Date:</p>

Please turn over for Task Steps...



7e. Hoist transfer - using ceiling track hoist - 2 workers

TASK STEPS

This procedure applies to the following transfers: wheelchair to /from commode chair, wheelchair to/from bed. This procedure may vary depending on the style of hoist and sling being used.

Preparation

1. Workers to ensure that:
 - the battery has been charged;
 - the sling is in good working order, and appropriate for the client and hoist;
 - they are familiar with the operating procedures of the hoist.
2. Check location and position of the chair/bed to be transferred into. Ensure access to the front and side of the chair or both sides of the bed.
3. Secure brakes on the chair or bed being transferred out of.
4. Inform client of what you are going to do.
5. Remove tray tables and lateral supports from wheelchairs or lower bed rails to allow access for positioning the sling.
6. Nominate team leader (known as Worker 1) and assisting worker, Worker 2.

Throughout this procedure apply the following techniques of manual handling:

1. Maintain the three natural curves of the spine.
2. Soften (the knees), Sink (the hips), Stabilise (pelvic floor and lower abdominals).
3. Action in the lower body.
4. Keep the task close.

Please turn over for Task Steps continued...

Doing the task

Positioning the Sling on the Chair

Option 1 – Leaning the Client Forward

1. Worker 1 positions the sling on the top of the chair, behind the client, ready to slide into position when the client is lent forward. If not possible, locate the sling within easy reach.
2. Workers stand close to and facing the side of the chair. The workers back hips are in line with the clients shoulders.
3. Workers assume a wide stance, maintain the three natural curves of the spine as the workers “soften” their knees and “sink” at the hips.
4. Workers positions their back hands onto the back of the client’s shoulder blade that is closest to them.
5. Workers position their front hand onto the front of the client’s shoulder that is closest to them.
6. The Workers are in a side lunge position and transfer their weight onto their back legs.
7. Worker 1 uses the cues “READY, BRACE, MOVE”. On “MOVE”, each worker transfers their weight onto their front foot as they lean the client forward. Ask the client, if they are able, to assist by leaning forward.
8. Worker 2 supports the client leaning forward.
9. Worker 1 places the centre of the sling in line with the client’s spine, ensuring the bottom edge of the sling is 5cm below the sacrum.
10. Both Workers lean the client back onto the sling by reversing the side lunge from their front to back legs.
11. Check that the sling is evenly positioned on both sides. Lean the client forward to reposition the sling if required.



Please turn over for Task Steps continued...

Option 2 – Using a Slide Sheet

1. Fold a small slide sheet over the base section of the sling.
2. Workers stand on either side of the chair facing the client. Position the slide sheet and sling behind the clients shoulders or back and push it down so it holds in position.
3. Both Workers grasp the hoist sling at the inside edge of the leg straps close to the side of the client's body.
4. Slide the sling down behind the client by pushing one side down and then the other – alternating sides.
5. Workers stand parallel to the sides of the chair and slide the leg straps down beside the client's thighs on either side.
6. Position the leg straps as follows.



Positioning the Leg Straps

1. Both Workers stand in front of the client and position a leg strap each.

Option 1:

A half kneel can be adopted and the client's foot rested on your knee to raise the leg and allow the leg strap to slip under the thigh easily. Ensure leg straps are of even length once positioned.

Option 2:

Position the clients knee/thigh between the Workers' thighs to hold the leg whilst positioning the leg strap under the thigh.



Please turn over for Task Steps continued...

Pushing the Leg Strap Under the Client's Thighs

2. Push the leg strap under the client's thigh in accordance with the following options.

Option 1:

Position one hand on the inside of the leg strap which is on the outside of the client's thigh. Hold the other end of the leg strap which is on the inside of the client's thigh. Push the strap on the outside of the client's thigh down under the thigh as you pull the strap on the inside of the thigh up and out.

Option 2:

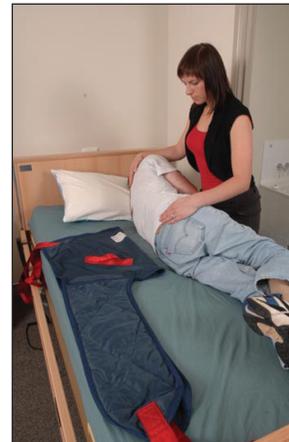
Standing at the side of the client, pull the leg strap along the side of the client's thigh. This will ensure the sling is positioned under their buttocks. Fold the lower part of the leg strap back forming a 'pocket' next to the lower thigh. To position the leg strap place your hand in the 'pocket' and push the leg strap under the thigh close to their knee. Remove your hand, position yourself at the front of the client and adjust leg strap by pulling the leg strap at the inner thigh.

3. Move to the other side and repeat with the other leg strap.
4. Check the leg straps are evenly positioned.
5. Wrap the sling around the outside of the clients' thighs and cross between their legs if using a two point spreader bar.



Positioning the Sling on the Bed

1. Adjust the bed height to be level with the shortest Workers groin height.
2. Workers stand on each side of the bed between the client's hips and shoulders.
3. Worker 1 folds the sling in half lengthwise with the handles outside the fold.
4. Worker 2 rolls client towards themselves therefore away from worker 1 (see 8b Rolling a client on a bed - 2 Workers)



Please turn over for Task Steps continued...

5. Worker 1 places the centre of the sling in line with the client's spine, approx 5 cm away from the body.
6. Position the bottom edge of the sling 5 cm below the sacrum, level with the bottom edge of the buttocks
7. Roll the client onto their back (see 8b Rolling a client on a bed - 2 Workers).
8. Roll the client towards worker 1 (see 8b Rolling a client on a bed - 2 Workers).
9. Worker 2 pulls the top half of the sling through so the sling is open on the bed.
10. Roll the client onto their back. The sling is open on the bed underneath the client with the handles closest to the mattress.
11. Check that the sling is evenly positioned on both sides. Adjust the sling by rolling the client and repositioning as necessary.
12. Wrap the leg straps around the outside of the clients' thighs and cross between their legs if using a two point spreader bar.
13. To make wrapping the leg straps easier, the client's foot can be slid towards their buttock. This creates a gap under the client's thigh for the Worker to position the sling under.



Connecting the Sling to the Hoist on the Chair

1. Position the hoist over the chair.
2. Lower the spreader bar so that the sling can be attached easily
3. Cross the leg straps and attach the sling to the hoist, shorter loops at the head and longer loops on the leg straps.
4. Avoid reaching and twisting in order to maintain an upright spine. Move to the body part on which you are working.



Please turn over for Task Steps continued...

Connecting the Sling to the Hoist on the Bed

1. Position the hoist over the bed using the control.
2. Lower the hoist so that the centre of the spreader bar is approximately halfway between the client's belly button and the bottom of the sternum.
3. The spreader bar should be going across the width of the client's body.
4. Lower the spreader bar so that the sling can be attached easily.
5. Cross the leg straps and attach the sling to the hoist, shorter loops at the head end and long loops on the leg straps.
6. Avoid reaching and twisting in order to maintain an upright spine. Move along the bed to the body part on which you are working.



Operating the Hoist

1. Raise the hoist until the client's buttocks clear the bed or chair. Raise the hoist so the client remains within comfortable reach of the Workers. Lower the bed if further clearance is needed.
2. The client is suspended in the sling.
3. Ensure that the client's head, shoulders, hips, buttocks and thighs are appropriately supported by the sling. The level of support will differ depending on the style of sling used; however ensure the sling is appropriately positioned before moving the client away from the chair or bed.



Please turn over for Task Steps continued...

Moving the Client along the hoist tracking

Option 1 – Using hand control.

1. Use the hand control to move the client along the track. Guide the client by their hips and/or shoulders as required.

Option 2 – Manually moving the client

1. Ensure the client is positioned at a height where you can guide them by their hips and/or shoulders.
2. Push the client along the track in a forward direction to avoid twisting. Use both arms, elbows close to the body, shoulders relaxed. Move your lower body to initiate and continue the movement.
3. Move the client the shortest possible distance.



Positioning Client on the Chair

Refer to (10a Positioning in a Chair Using a Hoist – 1 or 2 Workers).

Positioning Client on the Bed

1. Position the hoist over the bed so the client will land in the correct position.
2. Turn the client so they are in a long sitting position over the bed.
3. Ensure bed brakes are on.
4. Lower the client, avoid twisting and over reaching.
5. Lower the hoist until the client is lying on the bed and the sling loops are slack. Keep it attached to the hoist.
6. Check the position of the client. Reposition the client using the hoist and sling if necessary.
7. Disconnect the sling, raise and store the hoist.



Please turn over for Task Steps continued...

Removing the Sling

1. The sling may be left in place if completing drying/dressing tasks prior to transferring the client into the wheelchair (except if it is wet).
2. To remove the sling, slide the leg straps out from under the client's legs.
3. Roll the client away from Worker 1 (see 8b Rolling a client on a bed – 2 Workers).
4. Once the client is in side lying, Worker 1 folds the sling into the centre of the bed, close to the client's spine.
5. Guide the client back onto their back (see 8b Rolling a client on a bed – 2 Workers).
6. Roll the client towards Worker 1 (see 8b Rolling a client on a bed – 2 Workers).
7. Worker 2 removes the sling.
8. Guide the client back onto their back as per rolling procedure.



Concluding tasks

1. Ensure the client is comfortable and position any lap belts, chest straps, bed rails etc.
2. Store hoist and sling appropriately.

Variations - use of Pivot Frame Hoists

- On some ceiling track hoists a pivot frame yoke may be used instead of a two point spreader bar. Follow the procedures as above except for the following.

Positioning of the Pivot Frame

- The centre of the pivot frame is positioned in line with the client's midline when in a lying position. Ensure the sling is clipped onto the pivot frame attachments securely.

Disconnecting the Sling from the hoist

- Pull the strap on the sling clip to disconnect the sling from the hoist

Connecting the Leg Straps of a Pivot Frame Sling to the Hoist

- Do not cross the leg straps of a pivot frame sling between the client's thighs prior to connecting to the hoist.