Transfer Assessment Instrument 4.0 – Independent Transfers

This tool is designed to objectively unassisted transfers. The tool breaks down the transfer into three components: wheelchair setup, body set up, and flight/landing. Scoring differs based on whether the user is transferring from a manual or power wheelchair. Each section of the tool should be completed before advancing to the next phase. It is written in user-centered language but can be utilized by end users, their caregivers, and clinicians. Space is allotted to score a transfer to and from a surface (2 total transfers), however only one transfer is necessary to use the tool.

Select Wheelchair Type: [ ] Power wheelchair  [ ] Manual wheelchair

Do you use a sliding board when transferring? [ ] Yes  [ ] No

Phase I: Wheelchair Setup

Set up your wheelchair to transfer to another surface (bed, mat table, couch), then answer the following questions.

1. Using a ruler (if available), measure the distance from the front corner of your wheelchair to the object to which you are transferring. What is the distance?
   - a. Less than 3 inches [score 1]
   - b. 3-5 inches [score 0.5]
   - c. Greater than 5 inches [score 0]

2. What is the angle between your wheelchair and the mat?
   Use an angle measurement tool if possible (see appendix).
   - a. 0-19 degrees [score 0 mwc, score 1 pwc]
   - b. 20-45 degrees [score 1 mwc, score 0 pwc]
   - c. 46-90 degrees [score 0]

3. Did you lock the brakes on your wheelchair?
   - a. Yes, I engaged the brakes (manual wheelchair) [score 1]
   - b. Yes, I turned my wheelchair off (power wheelchair) [score 1]
   - c. No [score 0]
   - d. Not applicable, my wheelchair does not have brakes [score N/A]
4. Did you remove the armrest from your chair?
   a. Yes [score 1]
   b. No, but my wheelchair does have armrests [score 0]
   c. Not applicable, my wheelchair does not have armrests [score N/A]
   d. Not possible, my wheelchair has armrests but they cannot be removed (bolted in, welded) [score N/A]

5. Did you remove the clothing/sides guards or postural supports (thigh guides, lateral supports) from your chair?
   a. Yes [score 1]
   b. No [score 0]
   c. No, however my clothing/sideguards don’t go any higher than my wheel [score N/A]
   d. Not applicable, my wheelchair does not have clothing/side guards [score N/A]
   e. Not possible, my wheelchair has clothing/side guards but they cannot be removed (bolted in, welded) [score N/A]

6. Was your transfer set up to be level (top of cushion is level with the surface you are transferring to)? Use a ruler (if possible) to measure the difference in height between the top of the front corner your cushion and the surface you are transferring to. What is the distance?
   a. My cushion height is within 1 inch of the surface [score 1]
   b. My cushion is more than 1 inch higher [score 0]
   c. My cushion is more than 1 inch lower [score 0.5]
   d. Not possible to adjust height of wheelchair/transfer destination [score N/A]
Phase II: Body Setup
Position your body for the transfer, adjusting your hips and legs as you normally would, then answer the following questions

7. Where are your feet?
   a. Both on footplate [score 0 mwc, 1 pwc]
   b. One on footplate, one on the ground [score 0.5]
   c. Both up on the surface I am transferring to [score 1]
   d. One up on the surface I am transferring to and one on the ground/footplate [score 0.5]
   e. Both on the floor [score 1]
   f. One on floor (I am a single limb amputee) [score 1]
   g. One on footplate (I am a single limb amputee) [score 0 mwc, 1 pwc]
   h. Not touching any surface (I am a double limb amputee) [score N/A]

8. Did you scoot to your hips to the front of your seat, so at least 1/3 of your thigh was off the surface?
   a. Yes [score 1]
   b. No [score 0]
   c. Not possible, I am unable to maintain my balance in this position [score N/A]

9. Where is your leading arm (see images) once you position it to transfer?
   a. On the surface I am transferring to behind my hip [score 0]
   b. On the surface I am transferring to between my hip and knee [score 1]
   c. On the surface I am transferring to past my knee [score 1]
   d. It is in my lap, I don’t use this arm during my transfer [score N/A]
10. Identify the type of surface you transferred **FROM**. Then, check the box of the type of hand position that most closely represents the hand position you used for your **push off hand** when your hips were moving between surfaces. **CHECK ALL THAT APPLY.**

**Wheelchair**

- Armrest
- Wheel
- Cushion edge/frame
- Fist on cushion
- Flat on cushion
- Bent fingers on cushion

**Score:** 1 1 1 0 0 0.5

**Firm Surface**

- Fist on surface
- Surface edge
- Flat on surface
- Fingers bent on surface

**Score:** 0 1 0 0.5

**Soft Surface (Bed/Couch)**

- Edge of soft surface
- Flat on soft surface
- Fist on soft surface
- Bent fingers soft surface

**Score:** 1 0 0 0.5

**Chair**

- Chair Arm
- Edge of Chair
- Flat on Chair
- Fist on Chair
- Bent fingers on chair

**Score:** 1 1 0 0 0.5

**Bathroom**

- Edge of Toilet Seat
- Horizontal Grab Bar
- Vertical Grab Bar

**Score:** 1 1 if <6" from BOS 1 if <6" from BOS

**Scoring**

<table>
<thead>
<tr>
<th>Transfer 1</th>
<th>Transfer 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Total Score:</td>
<td>A) Total Score:</td>
</tr>
</tbody>
</table>

| B) Total Positions Used: | B) Total Positions Used: |

| Score = A/B | Score = A/B |

**Not Used**

- Hand on lap

**Score:** N/A
12. Identify the type of surface you transferred **TO**. Then, check the box of the type of hand position that most closely represents the hand position you used for your **leading hand** when your **hips were moving between surfaces**. **CHECK ALL THAT APPLY.**

<table>
<thead>
<tr>
<th>Wheelchair</th>
<th>Armrest</th>
<th>Wheel</th>
<th>Cushion edge/frame</th>
<th>Fist on cushion</th>
<th>Flat on cushion</th>
<th>Bent fingers on cushion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Score:</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sliding Board</th>
<th>Edge sliding board</th>
<th>Fingers curled under slide board</th>
<th>Flat on sliding board</th>
<th>Fist on sliding board</th>
<th>Bent fingers on board</th>
</tr>
</thead>
<tbody>
<tr>
<td>Score:</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Firm Surface</th>
<th>Fist on surface</th>
<th>Surface edge</th>
<th>Flat on surface</th>
<th>Fingers bent on surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Score:</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soft Surface (Bed/Couch)</th>
<th>Edge of soft surface</th>
<th>Flat on soft surface</th>
<th>Fist on soft surface</th>
<th>Bent fingers soft surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Score:</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chair</th>
<th>Chair Arm</th>
<th>Edge of Chair</th>
<th>Flat on Chair</th>
<th>Fist on Chair</th>
<th>Bent fingers on chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Score:</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

**Scoring**

<table>
<thead>
<tr>
<th>Transfer 1</th>
<th>Transfer 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Total Score:</td>
<td>A) Total Score:</td>
</tr>
<tr>
<td>B) Total # Positions Used:</td>
<td>B) Total # Positions Used:</td>
</tr>
</tbody>
</table>

Score = \( \frac{A}{B} \)
Phase III: Flight

Complete your transfer between surfaces, then answer the questions on the following pages.

13. When you **finished** the transfer, where was your **leading hand** (see image) in relation to your hips?
   a. Close to my hip [score 1]
   b. More than 6 inches from my hip [score 0]

<table>
<thead>
<tr>
<th>Close to hip</th>
<th>&gt;6 inches from hip</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
</tbody>
</table>

14. When you transferred between surfaces which way were you leaning?
   a. I was leaning backward, towards the surface I was transferring to [score 0]
   b. My body remained upright [score 0]
   c. I was leaning forward, away from the surface I was transferring to [score 1]
   d. I'm not sure [score 0]

<table>
<thead>
<tr>
<th>Leaned Forward</th>
<th>Stayed upright</th>
<th>Leaned Backward</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
</tr>
</tbody>
</table>

14. When you transferred between surfaces did you (please circle all that apply):
   a. Perform the movement in one smooth and fluid motion [score 1]
   b. Use multiple ‘scoots’ to complete my transfer [score 1]
   c. Land or rest on the tire [score -1 mwc, N/A pwc]
   d. Perform the movement in an abrupt manner where you had to change directions or body positions in rapid manner to avoid falling (unintentionally landing on an undesired surface) [score -0.5]
   e. Experienced a near fall (unintentionally landing on an undesired surface) [score -1]
   f. Experience a fall (unintentionally landing on an undesired surface) [score -1]

15. When you landed on the target surface (please circle all that apply):
   a. No excessive movement occurred (no loss of balance) [score 1]
   b. Experienced excessive movement (loss of balance) but did not unintentionally land on an undesired surface (experience a fall) [score -0.5]
   c. Experienced excessive movement (loss of balance) and some part of your body unintentionally landed on an undesired surface (experience a fall) [score -1]
16. When you transfer do you:
   a. Always lead with the same arm [score 0]
   b. Alternate which arm you lead with [score 1]

Assistive Technology

17. I use assistive technology (such as a transfer board or lift):
   a. Never, I am strong enough to perform the transfer without a struggle [score 1]
   b. Never, however I sometimes feel that I struggle to complete the transfer [score 0]
   c. Sometimes when I feel tired or weak [score 1]
   d. Sometimes, due to pain [score 1]
   e. Sometimes for safety or to preserve my arms [score 1]
   f. All of the time because of fatigue or strength limitations [score 1]

18. If a sliding is used, when using the board do you:
   a. Perform the transfer as multiple ‘lifts’/‘scoots’, picking up your hips and placing them over several steps [score 1]
   b. Slide your hips along the board [score 0]

To calculate total score for Independent Transfers:

1. Sum all scores for Transfer 1 items (Box A)
2. Count # N/A items for Transfer 1 (Box B)
3. Calculate a score for Transfer 1 (Box C):
   a. 100% x A (19-B)

   Ignore remaining steps if only 1 transfer completed

4. Sum all scores for Transfer 2 items (Box D)
5. Count # N/A items for Transfer 2 (Box E)
6. Calculate a score for Transfer 2 (Box F):
   a. 100% x D (19-E)

7. Calculate the total score:
   a. C + F / 2
Transfer Assessment Instrument 4.0 – Assisted Transfers, No Mechanical Lift

This tool is designed to objectively evaluate both assisted and unassisted transfers. Individuals should complete a transfer to and from a surface (2 total transfers) for scoring. The tool breaks down the transfer into three components: wheelchair setup, body set up (BOS), and flight/landing. Scoring differs based on whether the user is transferring from a manual or power wheelchair. Each section of the tool should be completed before advancing to the next phase. It is written in user-centered language but can be utilized by end users, their caregivers, and clinicians.

Select Wheelchair Type: ☐ Power wheelchair ☐ Manual wheelchair

Phase I: Wheelchair Setup

Set up your wheelchair to transfer to another surface (bed, mat table, couch), then answer the following questions.

1. Using a ruler (if available), measure the distance from the front corner of your wheelchair to the object to which you are transferring. What is the distance?
   a. Less than 3 inches [score 1]
   b. 3-5 inches [score 0.5]
   c. Greater than 5 inches [score 0]

2. What is the angle between your wheelchair and the mat?
   Use an angle measurement tool if possible (see appendix).
   a. 0-19 degrees [score 0 mwc, score 1 pwc]
   b. 20-45 degrees [score 1 mwc, score 0 pwc]
   c. 46-90 degrees [score 0]

3. Did you lock the brakes on your wheelchair?
   a. Yes, I engaged the brakes (manual wheelchair) [score 1]
   b. Yes, I turned my wheelchair off (power wheelchair) [score 1]
   c. No [score 0]
   d. Not applicable, my wheelchair does not have brakes [score N/A]
4. Did you remove the armrest from your chair?
   a. Yes [score 1]
   b. No, but my wheelchair does have armrests [score 0]
   c. Not applicable, my wheelchair does not have armrests [score N/A]
   d. Not possible, my wheelchair has armrests but they cannot be removed (bolted in, welded) [score N/A]

5. Did you remove the clothing/sides guards or postural supports (thigh guides, lateral supports) from your chair?
   a. Yes [score 1]
   b. No [score 0]
   c. No, however my clothing/sideguards don’t go any higher than my wheel [score N/A]
   d. Not applicable, my wheelchair does not have clothing/side guards [score N/A]
   e. Not possible, my wheelchair has clothing/side guards but they cannot be removed (bolted in, welded) [score N/A]

6. Was your transfer set up to be level (top of cushion is level with the surface you are transferring to)? Use a ruler (if possible) to measure the difference in height between the top of the front corner your cushion and the surface you are transferring to. What is the distance?
   a. My cushion height is within 1 inch of the surface [score 1]
   b. My cushion is more than 1 inch higher [score 0]
   c. My cushion is more than 1 inch lower [score 0.5]
   d. Not possible to adjust height of wheelchair/transfer destination [score N/A]
Phase II: Body Setup

Position your body for the transfer, adjusting your hips and legs as you normally would, then answer the following questions

7. Where are your feet?
   a. Both on footplate [score 0 mwc, 1 pwc]
   b. One on footplate, one on the ground [score 0.5]
   c. Both up on the surface I am transferring to [score 1]
   d. One up on the surface I am transferring to and one on the ground/footplate [score 0.5]
   e. Both on the floor [score 1]
   f. One on floor (I am a single limb amputee) [score 1]
   g. One on footplate (I am a single limb amputee) [score 0 mwc, 1 pwc]
   h. Not touching any surface (I am a double limb amputee) [score N/A]

8. Did you scoot to your hips to the front of your seat, so at least 1/3 of your thigh was off the surface?
   a. Yes [score 1]
   b. No [score 0]
   c. Not possible, I am unable to maintain my balance in this position [score N/A]

9. Where is your leading arm (see images) once you position it to transfer?
   a. On the surface I am transferring to behind my hip [score 0]
   b. On the surface I am transferring to between my hip and knee [score 1]
   c. On the surface I am transferring to past my knee [score 1]
   d. It is in my lap, I don’t use this arm during my transfer [score N/A]
Phase III: Flight
Complete your transfer between surfaces, then answer the questions on the following pages

10. Identify the type of surface you transferred FROM. Then, check the box of the type of hand position that most closely represents the hand position you used for your push off hand when your hips were moving between surfaces. CHECK ALL THAT APPLY.

<table>
<thead>
<tr>
<th>Wheelchair</th>
<th>Armrest</th>
<th>Wheel</th>
<th>Cushion edge/frame</th>
<th>Fist on cushion</th>
<th>Flat on cushion</th>
<th>Bent fingers on cushion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Firm Surface</th>
<th>Fist on surface</th>
<th>Surface edge</th>
<th>Flat on surface</th>
<th>Fingers bent on surface</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soft Surface (Bed/Couch)</th>
<th>Edge of soft surface</th>
<th>Flat on soft surface</th>
<th>Fist on soft surface</th>
<th>Bent fingers soft surface</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chair</th>
<th>Chair Arm</th>
<th>Edge of Chair</th>
<th>Flat on Chair</th>
<th>Fist on Chair</th>
<th>Bent fingers on chair</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bathroom</th>
<th>Edge of Toilet Seat</th>
<th>Horizontal Grab Bar</th>
<th>Vertical Grab Bar</th>
<th>Hand on lap</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Scoring

<table>
<thead>
<tr>
<th>Transfer 1</th>
<th>Transfer 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Total Score:</td>
<td>A) Total Score:</td>
</tr>
<tr>
<td>B) Total # Positions Used:</td>
<td>B) Total # Positions Used:</td>
</tr>
<tr>
<td>Score = A/B</td>
<td>Score = A/B</td>
</tr>
</tbody>
</table>

Score = A/B
11. Identify the type of surface you transferred **TO**. Then, check the box of the type of hand position that most closely represents the hand position you used for your leading hand when your hips were moving between surfaces. **CHECK ALL THAT APPLY.**

**Scoring**

<table>
<thead>
<tr>
<th>Transfer 1</th>
<th>Transfer 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**A)** Total Score:  
**B)** Total # Positions Used: 
Score = A/B
12. When you **finished** the transfer, where was your **leading hand** (see image) in relation to your hips?
   a. Close to my hip  [score 1]
   b. More than 6 inches from my hip  [score 0]

<table>
<thead>
<tr>
<th>Close to hip</th>
<th>&gt;6 inches from hip</th>
</tr>
</thead>
</table>

13. When you transferred between surfaces which way were you leaning?
   a. I was leaning backward, towards the surface I was transferring to  [score 0]
   b. My body remained upright  [score 0]
   c. I was leaning forward, away from the surface I was transferring to  [score 1]
   d. I’m not sure  [score 0]

<table>
<thead>
<tr>
<th>Leaned Forward</th>
<th>Stayed upright</th>
<th>Leaned Backward</th>
</tr>
</thead>
</table>

14. When you transferred between surfaces did you (please circle all that apply):
   a. Perform the movement in one smooth and fluid motion  [score 1]
   b. Use multiple ‘scoots’ to complete my transfer  [score 1]
   c. Land or rest on the tire  [score -1 mwc, N/A pwc]
   d. Perform the movement in an abrupt manner where you had to change directions or body positions in rapid manner to avoid falling (unintentionally landing on an undesired surface)  [score -0.5]
   e. Experienced a near fall (unintentionally landing on an undesired surface)  [score -1]
   f. Experience a fall (unintentionally landing on an undesired surface)  [score -1]

15. When you landed on the target surface (please circle all that apply):
   a. No excessive movement occurred (no loss of balance)  [score 1]
   b. Experienced excessive movement (loss of balance) but did not unintentionally land on an undesired surface (experience a fall)  [score -0.5]
   c. Experienced excessive movement (loss of balance) and some part of your body unintentionally landed on an undesired surface (experience a fall)  [score -1]
17. When you transfer do you:
   a. Always lead with the same arm [score 0]
   b. Alternate which arm you lead with [score 1]

**Assistive Technology**

18. I use assistive technology (such as a transfer board or lift):
   a. Never, I am strong enough to perform the transfer without a struggle [score 1]
   b. Never, however I sometimes feel that I struggle to complete the transfer [score 0]
   c. Sometimes when I feel tired or weak [score 1]
   d. Sometimes, due to pain [score 1]
   e. Sometimes for safety or to preserve my arms [score 1]
   f. All of the time because of fatigue or strength limitations [score 1]

19. If a sliding is used, when using the board do you:
   a. Perform the transfer as multiple ‘lifts’/‘scoots’, picking up your hips and placing them over several steps [score 1]
   b. Slide your hips along the board [score 0]

**Transfer Helper**

20. During my transfer, I felt (please circle all that apply):
   a. Confident that I would reach my intended destination without Incident [score 1]
   b. In control of the situation [score 1]
   c. Fearful that I would fall [score -0.5]
   d. A lack of control over how the transfer was performed [score -0.5]
   e. Pain or discomfort above and beyond what I feel in a resting position [score -0.5]

21. When communicating with your assistant: (please circle all that apply):
   a. Do you feel comfortable correcting the assistant if something is performed incorrectly [score 1]
   b. Do you feel uncomfortable speaking up when something is done incorrectly [score 0]
   c. Information is passed between you and the assistance in a clear, polite and effective manner [score 1]
   d. Communication between you and your caregiver is unclear and miscommunication often occurs [score -1]

22. When your assistant provides you with help he/she:
   a. Pulls on my arm, either at my wrist, forearm or upper arm when moving me from one position or surface to another [score 0]
   b. Does not pull on my arms and places his/her hand on either my torso, hips, buttocks or legs when moving me from one position or surface to another [score 1]
To calculate total score for Assisted without Mechanical Lift:

1. Sum all scores for Transfer 1 items (Box A)
2. Count # N/A items for Transfer 1 (Box B)
3. Calculate a score for Transfer 1 (Box C):
   a. 100% x A (24-B)

4. Sum all scores for Transfer 2 items (Box D)
5. Count # N/A items for Transfer 2 (Box E)
6. Calculate a score for Transfer 2 (Box F):
   a. 100% x D (24-E)

7. Calculate the total score:
   a. C + F / 2
Transfer Assessment Instrument 4.0 – Assisted Transfers with Mechanical Lift

This tool is designed to objectively evaluate both assisted and unassisted transfers. Individuals should complete a transfer to and from a surface (2 total transfers) for scoring. Each section of the tool should be completed before advancing to the next phase. It is written in user-centered language but can be utilized by end users, their caregivers, and clinicians.

Select Wheelchair Type: □ Power wheelchair □ Manual wheelchair

1. During the transfer, I felt (please circle all that apply):
   a. Confident that I would reach my intended destination without incident [score 1]
   b. In control of the situation [score 1]
   c. Fearful that I would fall [score -0.5]
   d. A lack of control over how the transfer was performed [score -0.5]
   e. Pain or discomfort above and beyond what I feel in a resting position [score -0.5]

2. When communicating with your assistant during the transfer (please circle all that apply):
   a. Did you feel comfortable correcting the assistant if something is performed incorrectly [score 1]
   b. Did you feel uncomfortable speaking up when something is done incorrectly [score 0]
   c. Information was passed between you and the assistant in a clear, polite and effective manner [score 1]
   d. Communication between you and your caregiver was unclear and miscommunication occurred [score -1]

3. When your assistant provided you with help, he/she:
   a. Pulled on my arm, either at my wrist, forearm or upper arm when moving me from one position or surface to another [score 0]
   b. Did not pull on my arms and placed his/her hand on either my torso, hips, buttocks or legs when moving me from one position or surface to another [score 1]

4. During the transfer, my hands were:
   a. On my lap [score 1]
   b. Holding on to a sling or hoyer bar [score 1]
   c. Hanging at my side [score 1]

5. Regarding the sling during the transfer:
   a. It was securely positioned and no or very minimal adjustments are necessary mid-flight [score 1]
   b. Moderate adjustments were necessary mid-flight to prevent a fall [score -0.5]
   c. It was positioned poorly and the transfer had to be aborted mid-flight to prevent a fall [score -0.5]
   d. It was positioned poorly and a fall occurred mid-flight [score -1]
To calculate total score for Assisted with Mechanical Lift:

1. Sum all scores for Transfer 1 items (Box A)
2. Calculate a score for Transfer 1 (Box B):
   b. \(100\% \times \frac{A}{7}\)

3. Sum all scores for Transfer 2 items (Box C)
4. Calculate a score for Transfer 2 (Box D):
   c. \(100\% \times \frac{A}{7}\)

5. Calculate the total score:
   b. \(B + \frac{D}{2}\)