

Online Supplement

Supplementary Table 1. Pre-Toileting Performance Assessment Test (Pre-TPAT)

Test Items	Criteria for scoring		
	0	1	2
Transferring from a wheelchair to bed			
1. Transfer from a wheelchair to a bed	Unable	*Able with some assistance	Able
2. Transfer from a chair to a bed positioned at a 90° angle	Unable	*Able with some assistance	Able
3. Transfer from a chair to a bed positioned at a 180° angle	Unable	*Able with some assistance	Able
Sitting balance			
4. Touch legs with both hands	Unable	Able by holding railing	Able
5. Place both hands under the right hip	Unable	Able with hand on one side	Able with both hands
6. Place both hands under the left hip	Unable	Able with hand on one side	Able with hands on both sides
Standing up			
7. Stand up from a position with the knees bent at a 90° angle and the legs pushed back 5 cm	Unable	Able by holding railing	Able
8. Stand up from a position with the knees bent at a 90° angle	Unable	Able by holding railing	Able
9. Stand up from a position with the knees bent at a 90° angle	Unable	Able by holding railing	Able

and the legs positioned 5 cm forward

Standing with arm movement

10. Remove clothespin placed on the right anterior superior iliac spine with both hands	Unable	Able with hand on one side	Able with hands on both sides
11. Remove clothespin placed on the left anterior superior iliac spine with both hands	Unable	Able with hand on one side	Able with hands on both sides
12. Reach with both hands down to the head of the fibula from the anterior superior iliac spine on the same side as the hand	Unable	Able with hand on one side	Able with hands on both sides

Stand on two weight scales placed side by side and maintain the standing balance position

13. Maintain standing position	$X > 10$	$X \leq 10$	Stable
14. As far as possible, shift weight to the right while maintaining a standing position. The left foot may rest on the scale.	Value when weight is shifted to the left $< 1/2 \times Y$	Value when weight is shifted to the right $\geq 1/2 \times Y$ and $X \leq 10$	Value when weight is shifted to the right $\geq 2/3 \times Y$ and $X \leq 10$
15. As far as possible, shift weight to the left while maintaining the standing position. The right foot may rest on the scale.	Value when weight is shifted to the left $< 1/2 \times Y$	Value when weight is shifted to the right $\geq 1/2 \times Y$ and $X \leq 10$	Value when weight is shifted to the left $\geq 2/3$

* Definition of “able with some assistance with the transfer” is that lifting assistance is not required. † X (kg) = absolute value of the range shown on the weight scale (e.g., if the range is between -5 kg and +5 kg, the absolute value is +10 kg). Y (kg) = body weight