

APPENDIX



TORONTO REHABILITATION INSTITUTE-HAND FUNCTION TEST



Instructions: Please perform all tasks of the test. Each task is attempted by the participants until they are able to accomplish the task or until they stop trying. Each of the objects 1-11 are scored using the following scoring system:

0. No movement elicited/subject unable to reach for the object.
1. Subject able to reach for the object but unable to grasp the object.
2. Subject able to reach and grasp (using passive grasp) but unable to lift the object successfully completely off the supporting surface.
3. Subject able to reach and grasp (using active grasp) but unable to lift the object successfully completely off the supporting surface.
4. Subject able to reach, grasp, and lift the object completely off the supporting surface (using passive grasp) but no manipulation.
5. Subject able to reach, grasp, and lift the object completely off the supporting surface (using active grasp) but no manipulation.
6. Subject able to reach, grasp, lift the object completely off the supporting surface and manipulate the object (using passive grasp) appropriately.
7. Subject able to reach, grasp, lift the object completely off the supporting surface and manipulate the object (using active grasp) appropriately/normal grasp.

OBJECTS 1-10 OBJECT MANIPULATION COMPONENT	Score	Score
	R Hand	L Hand
1. Mug		
2. Paper		
3. Book		
4. Ziploc bag		
5. Pop can		
6. Dice		
7. Sponge		
8. Credit card		
9. Mobile phone		
10. Pencil		
SUBTOTAL FOR OBJECTS 1-10		
11. RECTANGULAR WOODEN BLOCKS	Score	Score
	R Hand	L Hand
100 g block; high friction surface		
100 g block; wooden surface		
100 g block; low friction surface		

(continued)

200 g block; high friction surface		
200 g block; wooden surface		
200 g block; low friction surface		
300 g block; high friction surface		
300 g block; wooden surface		
300 g block; low friction surface		
SUBTOTAL FOR RECTANGULAR BLOCKS		

12. INSTRUMENTED CYLINDER

Cannot hold
Measurement torque (units)

R Hand	L Hand

13. INSTRUMENTED CREDIT CARD

Cannot hold
Measurement force (units)

R Hand	L Hand

14. WOODEN BAR

Cannot hold
Bar displacement in thumb direction
Bar displacement in little finger direction

R Hand	L Hand

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