Function in Sitting Test

Function in Sitting Test	SS	APC	RPC
1. Anterior Nudge			PM SP
2. Posterior Nudge			PM SP
3. Lateral Nudge			PM SP
4. Static Sitting	PM		
5. Shake Head "no"		PM SP	
6. Sitting Eyes Closed	SP		
7. Sitting Lift Foot		РМ	
8. Turn for Object Behind		PM	
9. Reach Forward		PM	
10. Lateral Reach		PM	
11. Pick Object off the Floor		PM	
12. Posterior Scoot		PM	
13. Anterior Scoot		PM	
14. Lateral Scoot		PM	

Diagnosis	MDC/MCID
Stroke	MDC = 5.63 MCID = 3.5
Spinal Cord Injury	MDC = 4

Considerations

- Patient begins with ½ femur length on bed/mat, knees and hips flexed to 90 degrees
- Feet flat on surface

Equipment Needs

- Stopwatch
- Tape Measure
- Small light weight object
- Stool or step
- Chair for therapist positioning



ANPT Movement System

Diagnoses for Balance
Dysfunction Knowledge
Translation Task Force
Handout created by: Christina
Burke, PT, DPT, NCS; Heidi Moyer,
PT, DPT, GCS; Ana Sanchez Junkin,
PT, DPT, NCS; Suzanne Trojanowski,
PT, DPT, NCS; Wendy Kriekels, PT,
DPT, NCS, Arco Paul, PT, PhD, NCS

KEY

Items suggestive of deficits in the areas indicated in the table.

SS = Steady state

APC = Anticipatory postural control

RPC = Reactive postural control

BC = Balance confidence

PV = Perception of verticality

PM = Postural movement strategies

SP = Sensory processing

MT = Multi-tasking

References:

- 1.Gill-Body KM, Hedman LD, Plummer L, et al. Movement System Diagnoses for Balance Dysfunction: Recommendations From the Academy of Neurologic Physical Therapy's Movement System Task Force. *Phys Ther*. 2021;101(9):pzab153. doi:10.1093/ptj/pzab153
- 2. Abou L, Sung J, Sosnoff JJ, Rice LA. Reliability and validity of the function in sitting test among non-ambulatory individuals with spinal cord injury. *J Spinal Cord Med*. 2020;43(6):846-853. doi:10.1080/10790268.2019.1605749
- 3. Alzyoud J, Medley A, Thompson M, Csiza L. Responsiveness, minimal detectable change, and minimal clinically important difference of the sitting balance scale and function in sitting test in people with stroke. *Physiother Theory Pract*. 2022;38(2):327-336. doi:10.1080/09593985.2020.1756016
- 4. Gorman SL, Radtka S, Melnick ME, Abrams GM, Byl NN. Development and validation of the Function In Sitting Test in adults with acute stroke. *J Neurol Phys Ther*. 2010;34(3):150-160. doi:10.1097/NPT.0b013e3181f0065f