

Supplemental Digital Content 4: Functional Symmetry Observation Scale Version 2 Individual Score Descriptors – Final Draft

Item	Definition	Score Values and Descriptors			
		1 <i>No symmetry: Consistent use of one and the same side of the body</i>	2 <i>Occasional symmetry: Occasional use of both sides with obvious bias toward one side</i>	3 <i>Frequent symmetry: Frequent use of both sides with minor bias toward one side</i>	4 <i>Consistent symmetry: Consistent, equal use of both sides of the body</i>
1.Head rotation	Habitual posture or active rotation of the head/neck	Consistent head rotation of any degree to one and only one side, and inability to cross midline to opposite side	Head rotation across midline with obvious bias toward one side or occasional attainment of midline head posture	Head rotation across midline with minor bias toward one side or frequent but not consistent attainment of midline head posture	Consistent, equal use of both sides of the body, demonstrating symmetry in posture and movement to both sides
2.Head lateral flexion and lateral head righting	Habitual posture and active lateral head movement toward vertical in antigravity positions	Consistent head lateral flexion to one and the same side or consistently asymmetrical lateral head righting	Head lateral flexion and lateral head righting occasionally observed to either side with obvious bias toward one side	Head lateral flexion and lateral head righting frequently observed to either side with minor bias toward one side	
3.Trunk incurvation in frontal plane	Elongation on one side of the trunk and shortening on the other, with or without rotation	Consistent trunk incurvation in one and the same direction	Occasional trunk incurvation to either side with obvious bias toward one side or occasional trunk symmetry	Frequent trunk incurvation to either side with minor bias toward one side or frequent but not consistent trunk symmetry	
4.Arm use	Reaching movements and using arms for support	Consistent use of one and the same arm to reach or asymmetrical arm support	Occasional reaching with either arm or occasional symmetry in arm support with obvious bias toward one side	Frequent use of either arm or frequent symmetry in arm support with minor bias toward one side	
5.Hand use	Hand(s)/toy(s)/food to mouth; object manipulation, and exploration of surfaces and objects	Consistent use of one and the same hand only	Occasional use of either hand with obvious bias toward one side	Frequent use of either hand with minor bias toward one side	
6.Lower extremity use	Kicking, antigravity movement, support, and alignment	Consistent asymmetry in lower extremity use	Occasional symmetry in lower extremity use with obvious bias toward one side	Frequent symmetry in lower extremity use with minor bias toward one side	
7.Movement transitions	Transitioning from the observed position to any other	Consistent transitions or transition attempts to one and the same side	Occasional transitions or attempts to transition to either side with obvious bias toward one side	Frequent transitions or attempts to transition to either side with minor bias toward one side	
8a.Supine or prone/quadruped mobility	Supine scooting or pivoting prone, belly crawling, and creeping	Consistent asymmetry in movement or direction of travel	Occasional symmetry in movement or direction of travel with obvious bias toward one side	Frequent symmetry in movement or direction of travel with minor bias toward one side	
8b.Sitting or upright mobility	Sitting mobility or cruising & walking with/without external support				