

Supplementary table 7: Scoring and administration of assessment tools

Assessment Tool	Scoring	Interpretation of scores	Other
Bayley-III ³¹	Motor score - gross (varying items) and fine motor (varying items) subscales. Binary score with reverse/discontinue rules	Raw scores Composite scores Centile ranks Age equivalents Growth scores	Lends itself to multidisciplinary team testing.
BOT-2 ¹²	Fine manual (15 items) manual coordination (12 items) body coordination (16 items) strength and agility (10 items) subscales. Scoring differs for subtests	Raw scores Age adjusted standard scores Composite scores Centile ranks Age equivalents Descriptive categories. Complex conversions	Administration Easel includes instructions, diagrams and photos of test procedure
MABC-2 ²⁹	Manual dexterity (3 items), aiming & catching (2 items) and balance (3 items) subscales.	Raw scores component scores centile ranks total test score traffic light system. Simple conversion	Also Available: MABC-2 Checklist (screening tool) and intervention manual
MAND ³²	Fine motor (5 items) Gross motor (5 items)	Raw scores Scaled scores converted to an NDI. Factor scores. Complex conversions	Case studies included in manual for hyperactivity, encephalitis, mild head trauma, CP and muscular dystrophy
NSMDA ³³	Functional grade given for each subscale, which is combined to create an overall score.	Indicates: normal range, minimal dysfunction, mild problems, moderate, severe or profound disability	Sections for comment on strengths, behavioural state during testing, musculoskeletal system and recommendations.
PDMS-2 ³⁴	GM: Stationary (30 items), locomotion (89 items), object manipulation (24 item). FM: grasping(26 items) , visual-motor integration (72 items)	Raw scores, Age equivalent, centile rank. Standard scores (subtests) Composite quotient. Complex conversions.	Motor activities program (intervention ideas)
TGMD-2 ¹⁵	Locomotion (6 items) and Object Control (6 items). Separate male/female norms for object control subset	Raw scores, standard scores, percentile rank, age equivalent, Gross Motor Quotient. Simple conversion.	Simple to administer

Bayley-III, Bayley Scale of Infant and Toddler Development 3rd edition ³¹; BOT-2, Bruininks-Oseretsky Test of Motor Proficiency 2nd edition ¹²; MABC-2, Movement Assessment Battery for Children 2nd edition ²⁹; MAND, McCarron Assessment of Neuromuscular Development ³²; NSMDA, Neurological Sensory Motor Developmental Assessment ³³; PDMS-2, Peabody Developmental Motor Scales 2nd edition ³⁴; TGMD-II, Test of Gross Motor Development 2nd edition ¹⁵; GM, Gross Motor; FM, Fine Motor; NDI, Neurodevelopmental Index

