

Supplement

Table 1 - Comparison of the expected raw score of neonates from the original UK sample with the groups with and without cranial asymmetry assessed at hospital discharge

	Normative sample* (n = 224)	Group with positional cranial asymmetry (n = 32)	Group without positional cranial asymmetry (n = 18)
Posture	202 (90.0)	16 (50.0)	5 (27.8)
Arm recoil	206 (92.0)	29 (90.6)	15 (83.3)
Arm traction	222 (99.0)	18 (56.2)	9 (50.0)
Leg recoil	204 (91.0)	25 (8.1)	15 (83.3)
Leg traction	215 (96.0)	27 (84.4)	15 (83.3)
Popliteal angle	202 (90.0)	30 (93.7)	18 (100.0)
Head control 1	211 (94.0)	30 (93.7)	16 (88.9)
Head control 2	215 (96.0)	31 (96.9)	18 (100.0)
Pull to sit	204 (91.0)	24 (75.0)	8 (44.4)
Ventral suspension	204 (91.0)	6 (18.7)	5 (27.8)
Flexor tone 1	222 (99.0)	32 (100.0)	12 (66.7)
Flexor tone 2	222 (99.0)	32 (100.0)	17 (94.4)
Leg extensor tone	206 (92.0)	31 (96.9)	18 (100.0)
Cervical extensor tone 1	211 (94.0)	25 (78.1)	15 (83.3)
Cervical extensor tone 2	224 (100.0)	31 (96.9)	15 (83.3)
Tendon reflexes	222 (99.0)	32 (100.0)	18 (100.0)
Sucking	206 (92.0)	32 (100.0)	18 (100.0)
Palmar grip	208 (93.0)	23 (71.9)	16 (88.9)
Plantar grip	220 (98.0)	32 (100.0)	17 (94.4)
Plantar placement	222 (99.0)	29 (90.6)	14 (77.8)
Moro reflex	222 (99.0)	18 (56.2)	15 (83.3)
Quantitative movement	206 (92.0)	2 (6.2)	4 (22.2)
Qualitative movement	208 (93.0)	0 (0)	1 (5.6)
Head elevation in prone	202 (90.0)	15 (46.9)	9 (50.0)
Abnormal foot and hand postures	217 (97.0)	31 (96.9)	18 (100.0)
Tremor	224 (100.0)	32 (100.0)	18 (100.0)
Fear	211 (94.0)	28 (87.5)	14 (77.8)
Eye appearance	206 (92.0)	31 (96.9)	18 (100.0)
Auditory orientation	224 (100.0)	27 (84.4)	11 (61.1)
Visual orientation	206 (92.0)	15 (40.6)	10 (55.6)
Alertness	217 (97.0)	24 (75.0)	14 (77.8)
Irritability	208 (93.0)	24 (75.0)	15 (83.3)
Consolability	220 (98.0)	30 (93.7)	17 (94.4)
Crying	206 (92.0)	27 (84.4)	15 (83.3)

Note: Bold values indicate the proportion of preterm newborns with raw scores below expectations. Data shown in n (%). *Normative data from: Lawford HLS, Nuamah MA, Liley HG, Lee AC, Kumar S, Adjei AA, Bora S. Neonatal neurological examination in a resource-limited setting: What defines normal? Eur J Paediatr Neurol. 2020;29:71-80. <https://doi.org/10.1016/j.ejpn.2020.08.010>