

References

1. van Baar AL, van Wassenae AG, Briët JM, Dekker FW, Kok JH. Very preterm birth is associated with disabilities in multiple developmental domains. *J Pediatr Psychol* 2005; 30: 247–55
2. de Kieviet JF, Piek JP, Aarnoudse-Moens CS, Oosterlaan J. Motor development in very preterm and very low-birth weight children from birth to adolescence: a meta-analysis. *JAMA* 2009; 302: 2235–42.
- Kaya Kara et al. Neuromotor and sensory development in infants 53 *Turk Pediatri Ars* 2020; 55(1): 46–53
3. Nosarti C, Giouroukou E, Healy E, et al. Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. *Brain* 2008; 131: 205–17.
4. Wickremasinghe AC, Rogers EE, Johnson BC, Shen A, Barkovich AJ, Marco EJ. Children born prematurely have atypical sensory profiles. *J Perinatol* 2013; 33: 631–5.
5. Blencowe H, Cousens S, Chou D, et al. Born too soon: the global epidemiology of 15 million preterm births. *Reprod Health* 2013; 10 Suppl 1: S2.
6. Platt MJ. Outcomes in preterm infants. *Public Health* 2014; 128: 399–403.
7. Platt MJ, Cans C, Johnson A, et al. Trends in cerebral palsy among infants of very low birthweight (<1500 g) or born prematurely (<32 weeks) in 16 European centres: a data base study. *Lancet* 2007; 369: 43–50.
8. Grunau RE, Holsti L, Peters JW. Long-term consequences of pain in human neonates. *Semin Fetal Neonatal Med* 2006; 11: 268–75.
9. Ullenhag A, Persson K, Nyqvist KH. Motor performance in very preterm infants before and after implementation of the newborn individualized developmental care and assessment programme in a neonatal intensive care unit. *Acta Paediatr* 2009; 98: 947–52.
10. Mitchell AW, Moore EM, Roberts EJ, Hachtel KW, Brown MS. Sensory processing disorder in children ages birth-3 years born prematurely: a systematic review. *Am J Occup Ther* 2015; 69: 6901220030.
11. Pineda RG, Neil J, Dierker D, et al. Alterations in brain structure and neurodevelopmental outcome in preterm infants hospitalized in different neonatal intensive care unit environments. *J Pediatr* 2014; 164: 52–60.e2.
12. Victoria NC, Murphy AZ. Exposure to Early Life Pain: Long Term Consequences and Contributing Mechanisms. *Curr Opin Behav Sci* 2016; 7: 61–8.
13. Darcy AE, Hancock LE, Ware EJ. A descriptive study of noise in the neonatal intensive care unit. Ambient levels and perceptions of contributing factors. *Adv Neonatal Care* 2008; 8: 165–75.
14. Cabral TI, Pereira da Silva LG, Tudella E, Simoes Martinez CM. Motor development and sensory processing: A comparative study between preterm and term infants. *Res Dev Disabil* 2015; 36: 102–7.
15. Cabral TI, da Silva LG, Martinez CM, Tudella E. Analysis of sensory processing in preterm infants. *Early Hum Dev* 2016; 103: 77–81.
16. May-Benson TA, Koomar JA, Teasdale A. Incidence of pre-, peri-, and post-natal birth and developmental problems of children with sensory processing disorder and children with autism spectrum disorder. *Front Integr Neurosci* 2009; 3: 31.

17. Machado A, Oliveira SR, Magalhaes LC, Miranda DM, Bouzada MCF. Sensory processing during childhood in preterm infants: a systematic review. *Rev Paul Pediatr* 2017; 35: 92–101.
18. Armstrong DC, Redman-Bentley D, Wardell M. Differences in function among children with sensory processing disorders, physical disabilities, and typical development. *Pediatr Phys Ther* 2013; 25: 315–21.
19. Bar-Shalita T, Vatine JJ, Parush S. Sensory modulation disorder: a risk factor for participation in daily life activities. *Dev Med Child Neurol* 2008; 50: 932–7.
20. Celik HI, Elbasan B, Gucuyener K, Kayihan H, Huri M. Investigation of the relationship between sensory processing and motor development in preterm infants. *Am J Occup Ther* 2018; 72: 7201195020p1–7.
21. Ryckman J, Hilton C, Rogers C, Pineda R. Sensory processing disorder in preterm infants during early childhood and relationships to early neurobehavior. *Early Hum Dev* 2017; 113: 18–22.
22. Crozier SC, Goodson JZ, Mackay ML, et al. Sensory Processing Patterns in Children Born Very Preterm. *Am J Occup Ther* 2016; 70: 7001220050p1–7.
23. Peterson BS, Vohr B, Staib LH, et al. Regional brain volume abnormalities and long-term cognitive outcome in preterm infants. *JAMA* 2000; 284: 1939–47.
24. Spittle A, Orton J, Anderson PJ, Boyd R, Doyle LW. Early developmental intervention programmes provided post hospital discharge to prevent motor and cognitive impairment in preterm infants. *Cochrane Database Syst Rev* 2015: CD005495.
25. Orton J, Spittle A, Doyle L, Anderson P, Boyd R. Do early intervention programmes improve cognitive and motor outcomes for preterm infants after discharge? A systematic review. *Dev Med Child Neurol* 2009; 51: 851–9.
26. Chorna O, Solomon JE, Slaughter JC, Stark AR, Maitre NL. Abnormal sensory reactivity in preterm infants during the first year correlates with adverse neurodevelopmental outcomes at 2 years of age. *Arch Dis Child Fetal Neonatal Ed* 2014; 99: F475–9.
27. Burns YR, Ensbey RM, Norrie MA. The Neuro-sensory Motor Developmental Assessment Part 1: Development and Administration of the Test. *Aust J Physiother* 1989; 35: 141–9.
28. Burns YR, Ensbey RM, Norrie MA. The Neuro-Sensory Motor Developmental Assessment Part II: Predictive and Concurrent Validity. *Aust J Physiother* 1989; 35: 151–7.
29. Dean E, Dunn W, Little L. Validity of the Sensory Profile 2: A Confirmatory Factor Analysis. *Am J Occup Ther* 2016; 70: 1:30. Dean W, Daniels D. Initial development of the Infant/Toddler Sensory Profile. *J Early Interv* 2002; 25: 27–41.
31. Raniero EP, Tudella E, Mattos RS. Pattern and rate of motor skill acquisition among preterm infants during the first four months corrected age. *Rev Bras Fisioter* 2010; 14: 396–403.
32. Pin TW, Darrer T, Eldridge B, Galea MP. Motor development from 4 to 8 months corrected age in infants born at or less than 29 weeks' gestation. *Dev Med Child Neurol* 2009; 51: 739–45.
33. Olsen JE, Allinson LG, Doyle LW, et al. Preterm and term-equivalent age general movements and 1-year neurodevelopmental outcomes for infants born before 30 weeks gestation. *Dev Med Child Neurol* 2018; 60: 47–53