

Publications that have used the PARCA-R
(Updated 7th September 2020)

A) PARCA-R Technical and Interpretive Manual

Johnson S, Bountziouka V, Linsell L, Brocklehurst P, Marlow N, Wolke D, Manktelow B. Parent Report of Children's Abilities – Revised (PARCA-R). Technical and Interpretive Manual. University of Leicester, Leicester, 2019.

To download a free copy of the PARCA-R manual visit our website at www.parca-r.info

B) PARCA-R Validation studies

Blaggan S, Guy A, Boyle EM, Spata E, Manktelow BN, Wolke D, Johnson S. [A parent questionnaire for developmental screening in infants born late and moderately preterm](#). Pediatrics 2014;134(1):e55-62.

Cuttini M, Ferrante P, Mirante N, Chiandotto V, Fertz M, Dall'Oglio AM, Coletti MF, Johnson S. [Cognitive assessment of very preterm infants at 2-year corrected age: performance of the Italian version of the PARCA-R parent questionnaire](#). Early Human Development 2012;88(3):159-63.

Johnson S, Marlow N, Wolke D, Davidson L, Marston L, O'Hare A, Peacock J & Schulte J. [Validation of a parent report measure of cognitive development for very preterm infants](#). Developmental Medicine and Child Neurology 2004;46(6):389-97.

Johnson S, Wolke D, Marlow N; Preterm Infant Parenting Study Group. [Developmental assessment of preterm infants at 2 years: validity of parent reports](#). Developmental Medicine and Child Neurology 2008;50(1):58-62.

Martin AJ, Darlow BA, Salt A, Hague W, Sebastian L, Mann K, et al. [Identification of infants with major cognitive delay using parental report](#). Developmental Medicine and Child Neurology 2012;54(3):254-259.

Martin AJ, Darlow BA, Salt A, Hague W, Sebastian L, McNeill N, Tarnow-Mordi W. [Performance of the Parent Report of Children's Abilities-Revised \(PARCA-R\) versus the Bayley Scales of Infant Development III](#). Archives of Disease in Childhood 2013;98(12):955-8.

Picotti E, Bechtel N, Latal B, Borradori-Tolsa C, Bickle-Graz M, Grunt S, Johnson S, Wolke D, Natalucci G. [Performance of the German version of the PARCA-R questionnaire as a developmental screening tool in two-year-old very preterm infants](#). PLOS ONE 2020;15(9):e0236289.

Vanhaesebrouck S, Theyskens C, Vanhole C, Allegaert K, Naulaers G, de Zegher F, Daniëls H. [Cognitive assessment of very low birth weight infants using the Dutch version of the PARCA-R parent questionnaire](#). Early Human Development 2014;90(12):897-900.

C) PARCA-R Standardisation

Johnson S, Bountziouka V, Brocklehurst P, Linsell L, Marlow N, Wolke D, Manktelow BN. [Standardisation of the Parent Report of Children’s Abilities-Revised \(PARCA-R\): a norm-referenced assessment of cognitive and language development at age 2 years](#). The Lancet Child Adolescent Health 2019;3(1):709-712.

D) Studies that have used the PARCA-R as an outcome measure

Dorling J, Abbott J, Berrington J, Bosiak B, Bowler U, Boyle E, Embleton N, Hewer O, Johnson S, Juszczak E, Leaf A, Linsell L, McCormick K, McGuire W, Omar O, Partlett C, Patel M, Roberts T, Stenson B, Townend J for the SIFT Investigators Group. [Controlled Trial of Two Incremental Milk Feeding Rates in Preterm Infants](#). New England Journal of Medicine 2019;381(15):1434-1443.

Brocklehurst P, Field D, Greene K, Juszczak E, Kenyon S, Linsell L, Mabey C, Newburn M, Plachcinski R, Quigley M, Steer P, Schroeder L, Rivero-Arias O. [Computerised interpretation of the fetal heart rate during labour: a randomised controlled trial \(INFANT\)](#). NIHR Health Technology Assessment 2018;22(9):1-186.

Edwards D, Redshaw M, Kennea et al. [Effect of MRI on preterm infants and their families: a randomised trial with nested diagnostic and economic evaluation](#). Arch Dis Child Fetal Neonatal Ed 2018;103:F15–F21.

Field D, Juszczak E, Linsell L, Azzopardi D, Cowan F, Marlow N, et al. [Neonatal ECMO study of temperature \(NEST\): a randomized controlled trial](#). Pediatrics 2013;132(5):e1247-1256.

Field D, Spata E, Davies T, Manktelow B, Johnson S, Boyle E, Draper ES. [Evaluation of the use of a parent questionnaire to provide later health status data: the PANDA study](#). Archives of Disease in Childhood Fetal and Neonatal Edition 2016;101(4):F304-8.

Brocklehurst P, Farrell B, King A, Juszczak E, Darlow B, Haque K, Salt A, INFANT Collaborative Group. [Computerised interpretation of fetal heart rate during labour \(INFANT\): a randomised controlled trial](#). Lancet 2017;389(10080):1719-1729.

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Johnson S, Evans TA, Draper ES, Field DJ, Manktelow BN, Marlow N, Matthews R, Petrou S, Seaton SE, Smith LK, Boyle EM. [Neurodevelopmental outcomes following late and moderate prematurity: a population-based cohort study](#). Archives of Disease in Childhood Fetal and Neonatal Edition 2015;100(4):F301-8.

Johnson S, Matthews R, Draper ES, Field DJ, Manktelow BN, Marlow N, Smith LK, Boyle EM. [Early Emergence of Delayed Social Competence in Infants Born Late and Moderately Preterm](#). Journal of Developmental and Behavioral Pediatrics 2015;36(9):690-9.

Johnson S, Waheed G, Manktelow BN, Field D, Marlow N, Draper ES, Boyle EM. [Differentiating the preterm phenotype: Distinct profiles of cognitive and behavioral development following late and moderately preterm birth](#). Journal of Pediatrics 2018;193:85-92.

Marlow N, Greenough A, Peacock JL, Marston L, Limb ES, Johnson AH, et al. [Randomised trial of high frequency oscillatory ventilation or conventional ventilation in babies of gestational age 28 weeks or less: respiratory and neurological outcomes at 2 years](#). Archives of Disease in Childhood Fetal and Neonatal Edition 2006;91(5):F320-326.

Marlow N, Morris T, Brocklehurst P, Carr R, Cowan F, Patel N, Petrou S, Redshaw M, Modi N, Doré CJ. [A randomised trial of granulocyte-macrophage colony-stimulating factor for neonatal sepsis: childhood outcomes at 5 years](#). Archives of Disease in Childhood Fetal and Neonatal Edition 2015;100(4):F320-6.

Marlow N, Morris T, Brocklehurst P, Carr R, Cowan FM, Patel N, et al. [A randomised trial of granulocyte-macrophage colony-stimulating factor for neonatal sepsis: outcomes at 2 years](#). Archives of Disease in Childhood Fetal and Neonatal Edition 2013;98(1):F46-53.

E) Recommendations in clinical guidelines and standards of care

International Consortium for Health Outcomes Measurement (ICHOM). [Preterm and Hospitalized Newborn Health Data Collection Reference Guide. Version 1.0.0](#). International Consortium for Health Outcomes Measurement, August 2020.

European Foundation for the Care of Newborn Infants (EFCNI). [European Standards of Care for Newborn Health](#). Germany 2018.

National Institute for Health and Care Excellence (NICE). [Developmental follow-up of children and young people born preterm. Quality Standard \(QS169\)](#). NICE 2018

National Institute for Health and Care Excellence (NICE). [Developmental follow-up of children and young people born preterm](#). Full Guideline (NG-72). NICE 2017

Kallioinen M, Eadon H, Murphy MS, Baird G on behalf of the Guideline Committee. [Developmental follow-up of children and young people born preterm: summary of NICE guidance](#). BMJ 2017;358:j3514.

European Foundation for the Care of Newborn Infants (EFCNI). [Caring for Tomorrow. EFCNI White Paper on Maternal and Newborn Health and Aftercare Services](#). Germany 2012.

British Association of Perinatal Medicine. Report of a BAPM/RCPCH Working Group: Classification of health status at 2 years as a perinatal outcome. London: BAPM; 2008.

F) Other publications in which the PARCA-R is cited

Johnson S & Bountziouka V for the PARCA-R Study Group. [Using the PARCA-R to assess children's cognitive and language development at two years of age](#). Infant 2020; 16(4): 159-63.

Leven L, Grant A, Russell S. [Neurodevelopmental follow-up: Multidisciplinary team working to standardise the delivery, uptake and recording of two-year assessments](#). In National Neonatal Audit Programme 2019 Annual Report on 2018 data. Royal College of Paediatrics and Child Health 2019.