

Key Publications of the division

1. Antimicrobial Resistance Collaborators. Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. *Lancet* 2022 :S0140-6736(21)02724-0
2. Madathil S, Thomas D, Chandra P, Agarwal R, Sankar MJ, Thukral A, Deorari A. 'NOPAIN-ROP' trial: Intravenous fentanyl and intravenous ketamine for pain relief during laser photocoagulation for retinopathy of prematurity (ROP) in preterm infants: A randomised trial *BMJ Open* 2021 Sep 16;11(9) e046235
3. Correa ARE, Naini K, Mishra P, Dadhwal V, Agarwal R, Shukla R, Kabra M, Gupta N. Utility of fetal whole exome sequencing in the etiological evaluation and outcome of nonimmune hydrops fetalis *Prenat Diagn* 2021 Oct;41(11) 1414-1424
4. Thomas D, Madathil S, Thukral A, Sankar MJ, Chandra P, Agarwal R, Deorari A. Diagnostic Accuracy of WINROP, CHOP-ROP and ROPScore in Detecting Type 1 Retinopathy of Prematurity *Indian Pediatr* 2021 Oct 15;58(10) 915-921
5. Mantoo MR, Deorari AK, Jana M, Agarwal R, Sankar MJ, Thukral A. Preterm White Matter Injury: A Prospective Cohort Study *Indian Pediatr* 2021 Oct 15;58(10) 922-927
6. Sharma A, Kulkarni S, Thukral A, Sankar MJ, Agarwal R, Deorari AK, Mohapatra S, Velpandian T, Bajpai M. Aqueous chlorhexidine 1% versus 2% for neonatal skin antisepsis: a randomised non-inferiority trial *Arch Dis Child Fetal Neonatal Ed* 2021 Nov;106(6) 643-648
7. Priyadarshi M, Thukral A, Sankar MJ, Verma A, Jana M, Agarwal R, Deorari AK. 'Lip-to-Tip' study: comparison of three methods to determine optimal insertion length of endotracheal tube in neonates *Eur J Pediatr* 2021 May;180(5) 1459-1466
8. Kainth D, Yadav DP, Gupta S, Swarnkar B, Verma A, Agarwal R, Sethuraman G. Successful Treatment of Collodion Baby with Acitretin: A Report of Two Cases *Indian J Pediatr* 2021 Jan;88(1) 95-96
9. Chinnappan A, Sharma A, Agarwal R, Thukral A, Deorari A, Sankar MJ. Fortification of Breast Milk With Preterm Formula Powder vs Human Milk Fortifier in Preterm Neonates: A Randomized Noninferiority Trial *JAMA Pediatr* 2021 Aug 1;175(8) 790-796
10. Das RR, Sankar MJ, Agarwal R. Bed sharing versus no bed sharing for healthy term neonates *Cochrane Database Syst Rev* 2021 Apr 8;4(4) CD012866
11. Immediate "Kangaroo Mother Care" and Survival of Infants with Low Birth Weight. WHO Immediate KMC Study Group. *N Engl J Med* 2021 May 27;384:2028-38.
12. Sahoo T, Anand P, Verma A, Saksena M, Sankar MJ, Thukral A, Agarwal R, Deorari A, Paul VK. J Perina. Outcome of extremely low birth weight (ELBW) infants from a birth cohort (2013-2018) in a tertiary care unit in North India. *tol.* 2020 Feb 14. doi: 10.1038/s41372-020-0604-6.
13. Sahoo T, Thukral A, Sankar MJ, Gupta SK, Agarwal R, Deorari AK, Paul VK. Delayed cord clamping in Rh-alloimmunised infants: a randomised controlled trial. *Eur J Pediatr.* 2020 Jan 23. doi: 10.1007/s00431-020-03578-8. [Epub ahead of print]
14. Kumar P, Chawla D, Thukral A, Deorari A, Shukla R, Gilbert C. Development of a quality improvement package for reducing sight-threatening retinopathy of prematurity. *Indian J Ophthalmol.* 2020 Feb;68(Supplement):S115-S120. doi: 10.4103/ijo.IJO_2087_19.
15. Non-immune Hydrops in Neonates: A Tertiary Care Center Experience. Madathil S, Anand P, Deorari AK, Agarwal R, Thukral A, Sankar MJ, Verma A. *Indian Pediatr.* 2020 Feb 5. pii: S097475591600137. [Epub ahead of print]
16. Shridhar G, Chaurasia S, Sankar MJ et al. Stepwise Interventions for Improving hand-hygiene in a level 3 academic neonatal intensive care unit in north india: a Quality Improvement Initiative. *J Perinatol* 2020 [accepted]

17. Sankar J, Singh M, Kumar K, Sankar MJ, Kabra SK, Lodha R. 'Intermittent' versus 'continuous' ScvO₂ monitoring in children with septic shock: a randomised, non-inferiority trial. *Intensive Care Med.* 2020;46:82-92
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19. Sethi A, Priyadarshi M, Agarwal R. Mineral and bone physiology in the foetus, preterm and full-term neonates *Semin Fetal Neonatal Med* 2020 Feb;25(1) 101076
20. Sethi A, Sankar MJ, Kulkarni S, Thukral A, Chandra P, Agarwal R. Low dose fentanyl infusion versus 24% oral sucrose for pain management during laser treatment for retinopathy of prematurity-an open label randomized clinical trial *Eur J Pediatr* 2020 Feb;179(2) 285-292
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