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Abstract :



Dr Ramesh Agarwal (ra. aiims@gmail.com)

MD DM Neonatology

Associate Professor, WHO Collaborating Centre for Training and Research in Newborn Care

Division of Neonatology, Department of Pediatrics, AIIMS, New Delhi

Salient activities:

- a) Chief Coordinator and co-PI of ICMR Centre for Advanced Research in Newborn Health conducting multicentric research on sepsis, follow up of high risk neonates and vitamin D supplementation issues
- b) Systematic reviews on neonatal issues
- c) Involved in helping researchers in the country to develop multisite research projects
- d) Coordinated NNPD, NNPD HRRC and NPD SEAR projects (16 centre multicentric study in India and 6 centre multi-country study in South East Asia)
- e) Member of WHO Expert Group on Management of Neonatal Seizures and LBW feeding guidelines
- f) Faculty, Stanford India Biodesign program (technology innovation for health care). Also work with IIT Chennai for innovation in healthcare technology. Hold patent for meconium connector.

Publications in indexed journals:

Total: 90

Since July 2009: 24

Theses chief guide: 11/ These co-guide: 32

Patent: 1; Innovations: 6 (applied for patent)

Main publications

- Agarwal R, Virmani D, Jaipal ML, Gupta S, Gupta N, Sankar MJ, Bhatia S, Agarwal A, Devgan V, Deorari A, Paul VK; Investigators of LBW Micronutrient Study Group, Departments of Pediatrics and Endocrinology. Vitamin D Status of Low Birth Weight Infants in Delhi: A Comparative Study. *J Trop Pediatr.* 2012 Apr 23. (corresponding author)
- Rana N, Mishra S, Bhatnagar S, Paul V, Deorari AK, Agarwal R. Efficacy of zinc in reducing hyperbilirubinemia among at-risk neonates: a randomized, double-blind, placebo-controlled trial. *Indian J Pediatr.* 2011; 78: 1073-8. (corresponding author)
- Jain A, Agarwal R, Chawla D, Paul V, Deorari A. Tele-education vs classroom training of neonatal resuscitation: a randomized trial. *J Perinatol.* 2010 Dec;30(12):773-9. (corresponding author)
- Dalal SS, Chawla D, Singh J, Agarwal RK, Deorari AK, Paul VK. Limb splinting for intravenous cannulae in neonates: a randomised controlled trial. *Arch Dis Child Fetal Neonatal Ed.* 2009 Nov;94(6):F394-6. (corresponding author)
- Mishra S, Chawla D, Agarwal R, Deorari AK, Paul VK, Bhutani VK. Transcutaneous bilirubinometry reduces the need for blood sampling in neonates with visible jaundice. *Acta Paediatr.* 2009 Dec;98(12):1916-9. (corresponding author)

