

Publications from Sitaram Bhartia Institute of Science and Research

(2022)

Indexed Publications

International

1. Vasudevan A, Thomas T, Kurpad A, Sachdev HS. Prevalence of and Factors Associated With High Blood Pressure Among Adolescents in India. *JAMA Netw Open*. 2022 Oct 3;5(10):e2239282. doi: 10.1001/jamanetworkopen.2022.39282.
2. Sachdev HS, Osmond C, Kurpad AV, Thomas T. Intergenerational nutrition benefits of India's national school feeding program: Reality or a bridge too far? *Nature Communications*. 2022;13:6351.
3. Ramesh S, Abraham RA, Sarna A, Sachdev HS, Porwal A, Khan N, Acharya R, Agrawal PK, Ashraf S, Ramakrishnan L. Prevalence of metabolic syndrome among adolescents in India: a population-based study. *BMC Endocr Disord*. 2022 Oct 24;22(1):258. doi: 10.1186/s12902-022-01163-8.
4. Ghosh S, Thomas T, Kurpad A, Sachdev HS. Is iron status associated with markers of non-communicable disease in adolescent Indian children? *Eur J Clin Nutr*. 2022; Online First 24 October, 2022 <https://doi.org/10.1038/s41430-022-01222-2>
5. Kurpad AV, Sachdev HS. Micronutrient supplements in pregnancy: an urgent priority. *Lancet Glob Health* 2022;10:e1563.
6. Wadhvani N, Dangat K, Randhir K, Poddar A, Joshi P, Pisal H, Kadam V, Bakshi R, Chandhiok N, Lalwani S, Mehendale S, Wagh G, Gupte S, Sachdev HS, Fall C, Joshi S. Longitudinal Assessment of Calcium and Magnesium Levels in Women with Preeclampsia. *Biol Trace Elem Res*. 2022 Oct 10. doi: 10.1007/s12011-022-03440-y. Epub ahead of print. PMID: 36214957.
7. Dangat K, Gupte S, Wagh G, Lalwani S, Randhir K, Madiwale S, Pisal H, Kadam V, Gundu S, Chandhiok N, Kulkarni B, Joshi S, Fall C, Sachdev HS. Gestational weight gain in the REVAMP pregnancy cohort in Western India: Comparison with international and national references. *Front. Med*. 2022;9:1022990. doi: 10.3389/fmed.2022.1022990
8. Ghosh S, Kurpad AV, Sachdev HS, Thomas T. A risk-based approach to measuring population micronutrient status from blood biomarker concentrations. *Front. Nutr*. 2022;9:991707. doi: 10.3389/fnut.2022.991707
9. Ghosh S, Thomas T, Pullakhandam R, Nair KM, Sachdev HS, Kurpad AV. A proposed method for defining the required fortification level of micronutrients in foods: An example using iron. *Eur J Clin Nutr*. 2022 Sep 8. doi: 10.1038/s41430-022-01204-4. Epub ahead of print. PMID: 36076065.

10. Pullakhandam R, Kulkarni B, Ghosh S, Thomas T, Kurpad AV, Sachdev HS. No Justification for Pharmacological Doses of Zinc in Public Health Nutrition. *J Nutr*. 2022 Aug 8:nxac155. doi: 10.1093/jn/nxac155. Epub ahead of print. PMID: 35939361.
11. Thankachan P, Selvam S, Narendra AR, Mishra HN, Sachdev HS, Thomas T, Kurpad AV. There should always be a free lunch: the impact of COVID-19 lockdown suspension of the mid-day meal on nutriture of primary school children in Karnataka, India. *BMJ Nutrition, Prevention & Health* 2022;e000358. DOI: 10.1136/bmjnph-2021-000358
12. Pullakhandam R, Ghosh S, Kulkarni B, Reddy GB, Rajkumar H, Kapil U, Kurpad AV, Sachdev HS. Response to Comments from Brown et al. *Eur J Clin Nutr*. 2022 Jul 11. doi: 10.1038/s41430-022-01162-x. Epub ahead of print. PMID: 35817883.
13. Pullakhandam R, Ghosh S, Kulkarni B, Reddy GB, Rajkumar H, Kapil U, Kurpad AV, Sachdev HS. Response to Correspondence from McDonald et al. *Eur J Clin Nutr*. 2022 May 19. doi: 10.1038/s41430-022-01161-y. Epub ahead of print. PMID: 35590099.
14. Sachdev HS, Reddy GB, Pullakhandam R, Ghosh S, Rajkumar H, Kurpad AV. Flawed analyses and historical data inflate vitamin A deficiency in India to misdirect policy. *Eur J Clin Nutr*. 2022 May 19. doi: 10.1038/s41430-022-01164-9. Epub ahead of print. PMID: 35590098.
15. Kurpad AV, Sachdev HS. Commentary: Time for precision in iron supplementation in children. *Int J Epidemiol*. 2022;1–3; <https://doi.org/10.1093/ije/dyac102>. Online ahead of print version.
16. Kurpad AV, Sachdev HS. Precision in prescription: multiple micronutrient supplements in pregnancy. *Lancet Glob Health* 2022;10:e780-1.
17. Requejo J, Diaz T, Park L, Strong K, Lopez G; Children in All Policies, Data and Learning Working Group (includes Sachdev HS). Child health and wellbeing dashboards: accountability for children's rights. *Lancet*. 2022 May 4:S0140-6736(22)00738-3. doi: 10.1016/S0140-6736(22)00738-3. Epub ahead of print. PMID: 35525257.
18. Victora CG, Hartwig FP, Vidaletti LP, Martorell R, Osmond C, Richter LM, Stein AD, Barros AJD, Adair LS, Barros FC, Bhargava SK, Horta BL, Kroker-Lobos MF, Lee NR, Menezes AMB, Murray J, Norris SA, Sachdev HS, Stein A, Varghese JS, Bhutta ZA, Black RE. Effects of early-life poverty on health and human capital in children and adolescents: analyses of national surveys and birth cohort studies in LMICs. *Lancet* 2022; Published Online April 27, 2022; [https://doi.org/10.1016/S0140-6736\(21\)02716-1](https://doi.org/10.1016/S0140-6736(21)02716-1).
19. Kishore S, Thomas T, Sachdev H, Kurpad AV, Webb P. Modeling the potential impacts of improved monthly income on child stunting in India: a subnational geospatial perspective. *BMJ Open*. 2022 Apr 5;12(4):e055098.
20. Palika R, Dasi T, Ghosh S, Peter R, Parasannanavar DJ, Pradhan AS, Kurpad AV, Sachdev HS, Kulkarni B, Pullakhandam R. Efficacy of iron-folic acid treatment for reducing anemia prevalence and improving iron status in women of reproductive age: A one-year longitudinal study. *Clinical Nutrition ESPEN* 2022. Online first 23 March, 2022; <https://doi.org/10.1016/j.clnesp.2022.03.016>

21. Sachdev HS. Impact of supplementation with milk—cereal mix during 6–12 months of age in Delhi, India. *Am J Clin Nutr*. 2022; doi: <https://doi.org/10.1093/ajcn/nqac032>.
22. Pullakhandam R, Ghosh S, Kulkarni B, Reddy GB, Rajkumar H, Kapil U, Deb S, Kurpad AV, Sachdev HS. Reference cut-offs to define low serum zinc concentrations in healthy 1–19-year-old Indian children and adolescents. *Eur J Clin Nutr* (2022). <https://doi.org/10.1038/s41430-022-01088-4>. Epub ahead of print 9 February 2022.
23. Gupta A, Sachdev HS, Kapil U, Prakash S, Pandey RM, Sati HC, Sharma LK, Lal PR. Characterization of anemia amongst school going adolescent girls in rural Haryana, India. *Public Health Nutrition*, 2022;1-26. doi:10.1017/S1368980022000210. Epub ahead of print 24 January 2022.

National

1. Kurpad AV, Ghosh S, Thomas T, Sachdev HS. Advocacy for large-scale food fortification ignores pertinent evidence and safety concerns. *Indian J Public Health* 2022;66(4):534-5.
2. Naga Rajeev L, Saini M, Kumar A, Osmond C, Sachdev HS. Comparison of Weight-for-height and BMI-for-Age for Estimating Overnutrition Burden in Under-five Populations with High Stunting Prevalence. *Indian Pediatr*. 2022 November 11, 2022: PII: S097475591600470 Epub ahead of print.
3. Indrayan A, Vishwakarma G, Malhotra R K, Gupta P, Sachdev H P, Karande S, Asthana S, Labani S. The development of QERM scoring system for comprehensive assessment of the Quality of Empirical Research in Medicine - Part 1. *J Postgrad Med* 2022;68:221-30
4. Devi S, Sachdev HS, Kurpad AV. Mysteries of dosing Vitamin B12 and much more! *Indian Pediatr*. 2022;59:677-8.
5. Kurpad AV, Sachdev HS. Childhood and adolescent anemia burden in India: The way forward. *Indian Pediatr*. 2022 August 26, 2022: PII: S097475591600447 Epub ahead of print.
6. Naga Rajeev L, Saini M, Kumar A, Sachdev HS. Dissimilar Associations Between Stunting and Low Ponderosity Defined through Weight for Height (Wasting) or Body Mass Index for Age (Thinness) in Under-five Children. *Indian Pediatr*. 2022 Jul 12:S097475591600441. Epub ahead of print. PMID: 35822490.
7. Agrawal S, Naik J, Sachdev HS, Kurpad AV, Shivakumar N. Is an Aggressive Potassium Repletion Required for Children with Uncomplicated Severe Acute Malnutrition? *Indian J Pediatr*. 2022 Jul 8. doi: 10.1007/s12098-022-04313-x. Epub ahead of print. PMID: 35804286.
8. Tarik M, Ramakrishnan L, Sinha S, Sachdev HPS, Tandon N, Roy A, Bhargava SK. The Relationship of Birth Size and Postnatal Growth with Cellular Senescence in Adults: Data from the New Delhi Birth Cohort. *Indian J Pediatr*. 2022 Jun 15. doi: 10.1007/s12098-022-04174-4. Epub ahead of print. PMID: 35704216.
9. Chevru V, Kilpady CA, Kamath AA, Joseph S, Das R A, Sachdev HS, Banapurmath CR, Thomas T, Kurpad AV, Shivakumar N. Estimated Deficits in Nutrient Intake of ICDS

- Beneficiaries Who Receive Take Home Ration at Two North Karnataka Districts. *Indian Pediatr.* 2022 May 20:S097475591600426. Epub ahead of print. PMID: 35596649.
10. Gupta P, Sachdev HS. The escalating health threats from ultra-processed and high fat, salt, and sugar foods: urgent need for tailoring policy. *Indian Pediatr.* 2022;59:193-7.

Preprints

1. Ghosh S, Majumder R, Sachdev HS, Kurpad AV, Thomas T. Customization of WHO Under-Five Growth Standards for an Accurate Quantification of Public Health Burden of Growth Faltering in India. Available at SSRN: <https://ssrn.com/abstract=4292848> Posted 9 Dec 2022.

Non-Indexed Journals

1. Joshi N, Nagpal J, Sinha A. Family's sufferings from asymptomatic COVID: Clinicians' perspective. *Patient Experience Journal.* 2022; 9(1):22-25. doi: 10.35680/2372-0247.1576.

Reports Citation

1. World Health Organization. (2022). Stakeholder consultative meeting on prevention and management of childhood pneumonia and diarrhoea: report, 12–14 October 2021. Geneva: World Health Organization; 2022. Licence: CC BY-NC-SA 3.0 IGO.
2. World Health Organization, Regional Office for South-East Asia. Regional Consultation on addressing overweight and obesity in young children in South-East Asia; 2022. Licence: CC BY-NC-SA 3.0 IGO.
3. World Health Organization, Regional Office for South-East Asia Expert Group Consultation on Supporting the Infant and Young Child Nutrition through Improving Feeding Practices and the Food Environment, WHO South-East Asia Region. New Delhi: World Health Organization, Regional Office for South-East Asia; 2022. Licence: CC BY-NC-SA 3.0 IGO.
4. National Academy of Agricultural Sciences. Limitations of Global Hunger Index and Way Forward. Policy Brief No. 12, National Academy of Agricultural Sciences, New Delhi, October 2022.