

## Dr. Nikhil Tandon

Professor & Head

Department of endocrinology, metabolism and diabetes

All India Institute of Medical Sciences (AIIMS)

Ansari Nagar, New Delhi-INDIA-110608

### List of publications (2013 to present)

1. Patel, S.A., et al., *Chronic Diseases in India-Ubiquitous Across the Socioeconomic Spectrum*. JAMA Netw Open, 2019. **2**(4): p. e190404.
2. Singh, K., et al., *Rationale and protocol for estimating the economic value of a multicomponent quality improvement strategy for diabetes care in South Asia*. Glob Health Res Policy, 2019. **4**: p. 7.
3. Prabhakaran, D., V.S. Ajay, and N. Tandon, *Strategic Opportunities for Leveraging Low-cost, High-impact Technological Innovations to Promote Cardiovascular Health in India*. Ethn Dis, 2019. **29**(Suppl 1): p. 145-152.
4. Kapoor, D., et al., *Lifestyle intervention programme for Indian women with history of gestational diabetes mellitus*. Glob Health Epidemiol Genom, 2019. **4**: p. e1.
5. O'Callaghan-Gordo, C., et al., *Prevalence of and risk factors for chronic kidney disease of unknown aetiology in India: secondary data analysis of three population-based cross-sectional studies*. BMJ Open, 2019. **9**(3): p. e023353.
6. Bandesh, K., et al., *Normative range of blood biochemical parameters in urban Indian school-going adolescents*. PLoS One, 2019. **14**(3): p. e0213255.
7. Chinnici, D., et al., *Improving the school experience of children with diabetes: Evaluation of the KiDS project*. J Clin Transl Endocrinol, 2019. **15**: p. 70-75.
8. Rahaman, S.H., et al., *Bone Health in Patients with Cushing's Syndrome*. Indian J Endocrinol Metab, 2018. **22**(6): p. 766-769.
9. Prakash, P., et al., *Changes in blood pressure, blood sugar, and quality of life in patients undergoing pheochromocytoma surgery: a prospective cohort study*. Indian J Urol, 2019. **35**(1): p. 34-40.
10. Chandrasekaran, A.M., et al., *Effectiveness and cost-effectiveness of a Yoga-based Cardiac Rehabilitation (Yoga-CaRe) program following acute myocardial infarction: Study rationale and design of a multi-center randomized controlled trial*. Int J Cardiol, 2019. **280**: p. 14-18.
11. Kumar, N., et al., *Diverse human leukocyte antigen association of type 1 diabetes in north India*. J Diabetes, 2019.
12. Deepti, S., et al., *Assessment of asymptomatic ischemic heart disease using stress myocardial perfusion imaging in patients with type 2 diabetes mellitus*. Indian Heart J, 2018. **70** Suppl 3: p. S157-S160.
13. Prabhakaran, D., et al., *Effectiveness of an mHealth-Based Electronic Decision Support System for Integrated Management of Chronic Conditions in Primary Care: The mWellcare Cluster-Randomized Controlled Trial*. Circulation, 2018.
14. India State-Level Disease Burden Initiative Air Pollution, C., *The impact of air pollution on deaths, disease burden, and life expectancy across the states of India: the Global Burden of Disease Study 2017*. Lancet Planet Health, 2019. **3**(1): p. e26-e39.
15. Collaborators, G.S., *Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017*. Lancet, 2018. **392**(10159): p. 2091-2138.
16. Collaborators, G.B.D.R.F., *Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195*

- countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017*. Lancet, 2018. **392**(10159): p. 1923-1994.
17. Disease, G.B.D., I. Injury, and C. Prevalence, *Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017*. Lancet, 2018. **392**(10159): p. 1789-1858.
  18. Collaborators, G.B.D.C.o.D., *Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017*. Lancet, 2018. **392**(10159): p. 1736-1788.
  19. Collaborators, G.B.D.M., *Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017*. Lancet, 2018. **392**(10159): p. 1684-1735.
  20. Kapoor, D., et al., *Association of dietary patterns and dietary diversity with cardiometabolic disease risk factors among adults in South Asia: The CARRS study*. Asia Pac J Clin Nutr, 2018. **27**(6): p. 1332-1343.
  21. Wei, J., et al., *Physical activity, sitting, and risk factors of cardiovascular disease: a cross-sectional analysis of the CARRS study*. J Behav Med, 2018.
  22. Naithani, R., et al., *Zoledronic Acid for Treatment of Low Bone Mineral Density in Patients with Beta Thalassemia Major*. Indian J Hematol Blood Transfus, 2018. **34**(4): p. 648-652.
  23. Dixit, S., et al., *Establishing a Demographic, Development and Environmental Geospatial Surveillance Platform in India: Planning and Implementation*. JMIR Public Health Surveill, 2018. **4**(4): p. e66.
  24. Bain, S.C., et al., *Cardiovascular safety of oral semaglutide in patients with type 2 diabetes: Rationale, design and patient baseline characteristics for the PIONEER 6 trial*. Diabetes Obes Metab, 2019. **21**(3): p. 499-508.
  25. Jindal, D., et al., *Development of mWellcare: an mHealth intervention for integrated management of hypertension and diabetes in low-resource settings*. Glob Health Action, 2018. **11**(1): p. 1517930.
  26. India State-Level Disease Burden Initiative, C.V.D.C., *The changing patterns of cardiovascular diseases and their risk factors in the states of India: the Global Burden of Disease Study 1990-2016*. Lancet Glob Health, 2018. **6**(12): p. e1339-e1351.
  27. India State-Level Disease Burden Initiative Diabetes, C., *The increasing burden of diabetes and variations among the states of India: the Global Burden of Disease Study 1990-2016*. Lancet Glob Health, 2018. **6**(12): p. e1352-e1362.
  28. Srinivasapura Venkateshmurthy, N., et al., *m-Power Heart Project - a nurse care coordinator led, mHealth enabled intervention to improve the management of hypertension in India: study protocol for a cluster randomized trial*. Trials, 2018. **19**(1): p. 429.
  29. Kasturia, S., et al., *Diets for South Asians with diabetes: recommendations, adherence, and outcomes*. Asia Pac J Clin Nutr, 2018. **27**(4): p. 823-831.
  30. Zeitler, P., et al., *ISPAD Clinical Practice Consensus Guidelines 2018: Type 2 diabetes mellitus in youth*. Pediatr Diabetes, 2018. **19 Suppl 27**: p. 28-46.
  31. Mohan, S., et al., *UDAY: A comprehensive diabetes and hypertension prevention and management program in India*. BMJ Open, 2018. **8**(6): p. e015919.
  32. Access, G.B.D.H. and C. Quality, *Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016*. Lancet, 2018. **391**(10136): p. 2236-2271.
  33. Singh, A.N., et al., *Diabetes after pancreaticoduodenectomy: can we predict it?* J Surg Res, 2018. **227**: p. 211-219.
  34. Tarik, M., et al., *Validation of quantitative polymerase chain reaction with Southern blot method for telomere length analysis*. Future Sci OA, 2018. **4**(4): p. FSO282.

35. Takkar, B., N. Tandon, and P. Venkatesh, *De novo ossification of the choroid in a case of multifocal fibrosclerosis*. *Can J Ophthalmol*, 2018. **53**(2): p. e62-e65.
36. Singh, K., et al., *Cost-effectiveness of a fixed dose combination (polypill) in secondary prevention of cardiovascular diseases in India: Within-trial cost-effectiveness analysis of the UMPIRE trial*. *Int J Cardiol*, 2018. **262**: p. 71-78.
37. Singh, K., et al., *Cost-effectiveness of interventions to control cardiovascular diseases and diabetes mellitus in South Asia: a systematic review*. *BMJ Open*, 2018. **8**(4): p. e017809.
38. Makwana, T., et al., *Prevalence, progression, and outcomes of diabetic retinopathy during pregnancy in Indian scenario*. *Indian J Ophthalmol*, 2018. **66**(4): p. 541-546.
39. Rahaman, H.S., et al., *Effectiveness of a Patient Education Module on Diabetic Foot Care in Outpatient Setting: An Open-label Randomized Controlled Study*. *Indian J Endocrinol Metab*, 2018. **22**(1): p. 74-78.
40. Giri, A.K., et al., *Common variants of ARID1A and KAT2B are associated with obesity in Indian adolescents*. *Sci Rep*, 2018. **8**(1): p. 3964.
41. Naithani, R., et al., *Fractures and Low Bone Mineral Density in Patients with Beta Thalassemia Major*. *Indian J Hematol Blood Transfus*, 2018. **34**(1): p. 163-165.
42. Flannick, J., et al., *Erratum: Sequence data and association statistics from 12,940 type 2 diabetes cases and controls*. *Sci Data*, 2018. **5**: p. 180002.
43. Srinivasapura Venkateshmurthy, N., et al., *Are people at high risk for diabetes visiting health facility for confirmation of diagnosis? A population-based study from rural India*. *Glob Health Action*, 2018. **11**(1): p. 1416744.
44. Jindal, D., et al., *The Development of mWellcare, an mHealth System for the Integrated Management of Hypertension and Diabetes in Primary Care*. *Stud Health Technol Inform*, 2017. **245**: p. 1230.
45. Memon, S.S., et al., *The Prevalence of New Onset Diabetes Mellitus after Renal Transplantation in Patients with Immediate Posttransplant Hyperglycemia in a Tertiary Care Centre*. *Indian J Endocrinol Metab*, 2017. **21**(6): p. 871-875.
46. Marwaha, R.K., et al., *Role of Parathyroid Hormone in Determination of Fat Mass in Patients with Vitamin D Deficiency*. *Indian J Endocrinol Metab*, 2017. **21**(6): p. 848-853.
47. Flannick, J., et al., *Sequence data and association statistics from 12,940 type 2 diabetes cases and controls*. *Sci Data*, 2017. **4**: p. 170179.
48. Muralidharan, S., et al., *Mobile Health Technology (mDiab) for the Prevention of Type 2 Diabetes: Protocol for a Randomized Controlled Trial*. *JMIR Res Protoc*, 2017. **6**(12): p. e242.
49. India State-Level Disease Burden Initiative, C., *Nations within a nation: variations in epidemiological transition across the states of India, 1990-2016 in the Global Burden of Disease Study*. *Lancet*, 2017. **390**(10111): p. 2437-2460.
50. Prabhakaran, D., et al., *Cardiovascular, respiratory, and related disorders: key messages from Disease Control Priorities, 3rd edition*. *Lancet*, 2018. **391**(10126): p. 1224-1236.
51. Anand, S., et al., *Do attributes of persons with chronic kidney disease differ in low-income and middle-income countries compared with high-income countries? Evidence from population-based data in six countries*. *BMJ Glob Health*, 2017. **2**(4): p. e000453.
52. Singh, K., et al., *Health-related quality of life variations by sociodemographic factors and chronic conditions in three metropolitan cities of South Asia: the CARRS study*. *BMJ Open*, 2017. **7**(10): p. e018424.
53. Collaborators, G.B.D.R.F., *Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016*. *Lancet*, 2017. **390**(10100): p. 1345-1422.
54. DALYs, G.B.D. and H. Collaborators, *Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and*

- territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.* Lancet, 2017. **390**(10100): p. 1260-1344.
55. Disease, G.B.D., I. Injury, and C. Prevalence, *Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.* Lancet, 2017. **390**(10100): p. 1211-1259.
  56. Collaborators, G.S., *Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016.* Lancet, 2017. **390**(10100): p. 1423-1459.
  57. Prabhakaran, D., et al., *Prevalence and incidence of hypertension: Results from a representative cohort of over 16,000 adults in three cities of South Asia.* Indian Heart J, 2017. **69**(4): p. 434-441.
  58. Jha, D., et al., *Protocol for the mWellcare trial: a multicentre, cluster randomised, 12-month, controlled trial to compare the effectiveness of mWellcare, an mHealth system for an integrated management of patients with hypertension and diabetes, versus enhanced usual care in India.* BMJ Open, 2017. **7**(8): p. e014851.
  59. Patel, O., et al., *Association between full service and fast food restaurant density, dietary intake and overweight/obesity among adults in Delhi, India.* BMC Public Health, 2017. **18**(1): p. 36.
  60. Roy, A., et al., *Changes in hypertension prevalence, awareness, treatment and control rates over 20 years in National Capital Region of India: results from a repeat cross-sectional study.* BMJ Open, 2017. **7**(7): p. e015639.
  61. Tandon, N., et al., *Forum for Injection Technique and Therapy Expert Recommendations, India: The Indian Recommendations for Best Practice in Insulin Injection Technique, 2017.* Indian J Endocrinol Metab, 2017. **21**(4): p. 600-617.
  62. Raizada, N., et al., *Serum Vitamin B12 Levels in Type 2 Diabetes Patients on Metformin Compared to those Never on Metformin: A Cross-sectional Study.* Indian J Endocrinol Metab, 2017. **21**(3): p. 424-428.
  63. Taywade, S.K., et al., *Comparison of 18F-Fluorocholine Positron Emission Tomography/Computed Tomography and Four-dimensional Computed Tomography in the Preoperative Localization of Parathyroid Adenomas-initial Results.* Indian J Endocrinol Metab, 2017. **21**(3): p. 399-403.
  64. Khandelwal, D., et al., *Perceptions about Training during Endocrinology Residency Programs in India over the Years: A Cross-sectional Study (PEER India Study).* Indian J Endocrinol Metab, 2017. **21**(2): p. 271-276.
  65. Patel, S.A., et al., *Comparison of multiple obesity indices for cardiovascular disease risk classification in South Asian adults: The CARRS Study.* PLoS One, 2017. **12**(4): p. e0174251.
  66. Prabhakaran, D., et al., *20-Year Trend of CVD Risk Factors: Urban and Rural National Capital Region of India.* Glob Heart, 2017. **12**(3): p. 209-217.
  67. Manning, A., et al., *A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk.* Diabetes, 2017. **66**(7): p. 2019-2032.
  68. Anand, S., et al., *Prevalence of chronic kidney disease and risk factors for its progression: A cross-sectional comparison of Indians living in Indian versus U.S. cities.* PLoS One, 2017. **12**(3): p. e0173554.
  69. Giri, A.K., et al., *DNA methylation profiling reveals the presence of population-specific signatures correlating with phenotypic characteristics.* Mol Genet Genomics, 2017. **292**(3): p. 655-662.
  70. Chawla, H. and N. Tandon, *Interpreting Cardiovascular Endpoints in Trials of Antihyperglycemic Drugs.* Am J Cardiovasc Drugs, 2017. **17**(3): p. 203-215.

71. Marwaha, R.K., et al., *Lean Body Mass and Bone Health in Urban Adolescents From Northern India*. Indian Pediatr, 2017. **54**(3): p. 193-198.
72. Jeemon, P., et al., *A PROgramme of Lifestyle Intervention in Families for Cardiovascular risk reduction (PROLIFIC Study): design and rationale of a family based randomized controlled trial in individuals with family history of premature coronary heart disease*. BMC Public Health, 2017. **17**(1): p. 10.
73. Ajay, V.S., et al., *Development of a Smartphone-Enabled Hypertension and Diabetes Mellitus Management Package to Facilitate Evidence-Based Care Delivery in Primary Healthcare Facilities in India: The mPower Heart Project*. J Am Heart Assoc, 2016. **5**(12).
74. Garg, M.K., et al., *Relationship of lean mass and obesity in Indian urban children and adolescents*. Indian J Endocrinol Metab, 2016. **20**(6): p. 779-783.
75. Rao, N., et al., *Surgical and Hemodynamic Outcomes in Pheochromocytoma Surgery: A Prospective Cohort Study*. Urology, 2016. **98**: p. 103-106.
76. Collaborators, G.B.D.R.F., *Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015*. Lancet, 2016. **388**(10053): p. 1659-1724.
77. DALYs, G.B.D. and H. Collaborators, *Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015*. Lancet, 2016. **388**(10053): p. 1603-1658.
78. Disease, G.B.D., I. Injury, and C. Prevalence, *Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015*. Lancet, 2016. **388**(10053): p. 1545-1602.
79. Mortality, G.B.D. and C. Causes of Death, *Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015*. Lancet, 2016. **388**(10053): p. 1459-1544.
80. Ali, M.K., et al., *Effectiveness of a Multicomponent Quality Improvement Strategy to Improve Achievement of Diabetes Care Goals: A Randomized, Controlled Trial*. Ann Intern Med, 2016. **165**(6): p. 399-408.
81. Fuchsberger, C., et al., *The genetic architecture of type 2 diabetes*. Nature, 2016. **536**(7614): p. 41-47.
82. Gupta, N., et al., *Adaptation of Locally Available Portion Sizes for Food Frequency Questionnaires in Nutritional Epidemiological Studies: How Much Difference does it Make?* Indian J Community Med, 2016. **41**(3): p. 228-34.
83. Mendenhall, E., et al., *Normalizing diabetes in Delhi: a qualitative study of health and health care*. Anthropol Med, 2016. **23**(3): p. 295-310.
84. Kothiwala, S.K., et al., *Prevalence of metabolic syndrome and cardiovascular changes in patients with chronic plaque psoriasis and their correlation with disease severity: A hospital-based cross-sectional study*. Indian J Dermatol Venereol Leprol, 2016. **82**(5): p. 510-8.
85. Shivashankar, R., et al., *Adherence to diabetes care processes at general practices in the National Capital Region-Delhi, India*. Indian J Endocrinol Metab, 2016. **20**(3): p. 329-36.
86. Praveen, P.A., et al., *Registry of Youth Onset Diabetes in India (YDR): Rationale, Recruitment, and Current Status*. J Diabetes Sci Technol, 2016. **10**(5): p. 1034-41.
87. Nair, A., et al., *Prevalence of pulmonary tuberculosis in young adult patients with Type 1 diabetes mellitus in India*. Multidiscip Respir Med, 2016. **11**: p. 22.
88. Kar, P., et al., *Identification of reference housekeeping-genes for mRNA expression studies in patients with type 1 diabetes*. Mol Cell Biochem, 2016. **417**(1-2): p. 49-56.
89. Unnikrishnan, A.G., S. Kalra, and N. Tandon, *Diabetic retinopathy care in India: An endocrinology perspective*. Indian J Endocrinol Metab, 2016. **20**(Suppl 1): p. S1-2.

90. Patel, S.A., et al., *Is the "South Asian Phenotype" Unique to South Asians?: Comparing Cardiometabolic Risk Factors in the CARRS and NHANES Studies*. *Glob Heart*, 2016. **11**(1): p. 89-96 e3.
91. Shen, J., et al., *A Multiethnic Study of Pre-Diabetes and Diabetes in LMIC*. *Glob Heart*, 2016. **11**(1): p. 61-70.
92. Bloomfield, G.S., et al., *Training and Capacity Building in LMIC for Research in Heart and Lung Diseases: The NHLBI-UnitedHealth Global Health Centers of Excellence Program*. *Glob Heart*, 2016. **11**(1): p. 17-25.
93. Engelgau, M.M., et al., *Tackling NCD in LMIC: Achievements and Lessons Learned From the NHLBI-UnitedHealth Global Health Centers of Excellence Program*. *Glob Heart*, 2016. **11**(1): p. 5-15.
94. Praveen, P.A. and N. Tandon, *Childhood obesity and type 2 diabetes in India*. *WHO South East Asia J Public Health*, 2016. **5**(1): p. 17-21.
95. Bhalla, S., et al., *Innovation in capacity building of primary-care physicians in diabetes management in India: a new slant in medical education*. *Lancet Diabetes Endocrinol*, 2016. **4**(3): p. 200-202.
96. Huffman, M.D., et al., *Association between anthropometry, cardiometabolic risk factors, & early life factors & adult measures of endothelial function: Results from the New Delhi Birth Cohort*. *Indian J Med Res*, 2015. **142**(6): p. 690-8.
97. Giri, A.K., et al., *Common Variants in CLDN2 and MORC4 Genes Confer Disease Susceptibility in Patients with Chronic Pancreatitis*. *PLoS One*, 2016. **11**(1): p. e0147345.
98. Rao, D., et al., *Input of stakeholders on reducing depressive symptoms and improving diabetes outcomes in India: Formative work for the INDEPENDENT Study*. *Int J Noncommun Dis*, 2016. **1**(2): p. 65-75.
99. Deepa, M., et al., *High burden of prediabetes and diabetes in three large cities in South Asia: The Center for Cardio-metabolic Risk Reduction in South Asia (CARRS) Study*. *Diabetes Res Clin Pract*, 2015. **110**(2): p. 172-82.
100. Gupta, P., et al., *Plasma free metanephrine, normetanephrine, and 3-methoxytyramine for the diagnosis of pheochromocytoma/paraganglioma*. *Indian J Endocrinol Metab*, 2015. **19**(5): p. 633-8.
101. Marwaha, R.K., et al., *Bone mineral content has stronger association with lean mass than fat mass among Indian urban adolescents*. *Indian J Endocrinol Metab*, 2015. **19**(5): p. 608-15.
102. Kalra, S., et al., *Place of sulfonylureas in the management of type 2 diabetes mellitus in South Asia: A consensus statement*. *Indian J Endocrinol Metab*, 2015. **19**(5): p. 577-96.
103. Collaborators, G.B.D.R.F., et al., *Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013*. *Lancet*, 2015. **386**(10010): p. 2287-323.
104. DALYs, G.B.D., et al., *Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition*. *Lancet*, 2015. **386**(10009): p. 2145-91.
105. Tian, M., et al., *A Cluster-Randomized, Controlled Trial of a Simplified Multifaceted Management Program for Individuals at High Cardiovascular Risk (SimCard Trial) in Rural Tibet, China, and Haryana, India*. *Circulation*, 2015. **132**(9): p. 815-24.
106. Joshi, P.K., et al., *Directional dominance on stature and cognition in diverse human populations*. *Nature*, 2015. **523**(7561): p. 459-462.
107. Global Burden of Disease Study, C., *Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013*. *Lancet*, 2015. **386**(9995): p. 743-800.

108. Gupta, Y., et al., *Relationship Between BMD and Prevalent Vertebral Fractures in Indian Women Older Than 50 Yr.* J Clin Densitom, 2016. **19**(2): p. 141-5.
109. Fall, C.H., et al., *Association between maternal age at childbirth and child and adult outcomes in the offspring: a prospective study in five low-income and middle-income countries (COHORTS collaboration).* Lancet Glob Health, 2015. **3**(7): p. e366-77.
110. Marwaha, R.K., et al., *Assessment and relation of total and regional fat mass with bone mineral content among Indian urban adolescents.* J Pediatr Endocrinol Metab, 2015. **28**(9-10): p. 1085-93.
111. Berg, C.J., et al., *A cross-sectional study of the prevalence and correlates of tobacco use in Chennai, Delhi, and Karachi: data from the CARRS study.* BMC Public Health, 2015. **15**: p. 483.
112. Kumar, K.M., et al., *Type 1 diabetes: Awareness, management and challenges: Current scenario in India.* Indian J Endocrinol Metab, 2015. **19**(Suppl 1): p. S6-8.
113. Tandon, N., *Understanding type 1 diabetes through genetics: Advances and prospects.* Indian J Endocrinol Metab, 2015. **19**(Suppl 1): p. S39-43.
114. Tandon, N., et al., *Forum for Injection Technique (FIT), India: The Indian recommendations 2.0, for best practice in Insulin Injection Technique, 2015.* Indian J Endocrinol Metab, 2015. **19**(3): p. 317-31.
115. Garg, G., et al., *Effect of vitamin D supplementation on insulin kinetics and cardiovascular risk factors in polycystic ovarian syndrome: a pilot study.* Endocr Connect, 2015. **4**(2): p. 108-16.
116. Ali, M.K., et al., *Socioeconomic status and cardiovascular risk in urban South Asia: The CARRS Study.* Eur J Prev Cardiol, 2016. **23**(4): p. 408-19.
117. Roy, A., et al., *Independent association of severe vitamin D deficiency as a risk of acute myocardial infarction in Indians.* Indian Heart J, 2015. **67**(1): p. 27-32.
118. Anand, S., et al., *Prevalence of chronic kidney disease in two major Indian cities and projections for associated cardiovascular disease.* Kidney Int, 2015. **88**(1): p. 178-85.
119. Singh, K., et al., *Cost-effectiveness of interventions to control cardiovascular diseases and type 2 diabetes mellitus in South Asia: protocol for a systematic review.* BMJ Open, 2015. **5**(3): p. e007205.
120. Marwaha, R.K., et al., *Comparison of body composition between professional sportswomen and apparently healthy age- and sex-matched controls.* Indian J Endocrinol Metab, 2015. **19**(2): p. 288-91.
121. Praveen, P.A., S.R. Kumar, and N. Tandon, *Type 2 diabetes in youth in South Asia.* Curr Diab Rep, 2015. **15**(2): p. 571.
122. Tandon, N., Y. Gupta, and S. Kalra, *Postpartum screening after gestational diabetes mellitus: Aiming for universal coverage.* Indian J Endocrinol Metab, 2015. **19**(1): p. 1-4.
123. Checkley, W., et al., *Management of NCD in low- and middle-income countries.* Glob Heart, 2014. **9**(4): p. 431-43.
124. Shivashankar, R., et al., *Quality of diabetes care in low- and middle-income Asian and Middle Eastern countries (1993-2012): 20-year systematic review.* Diabetes Res Clin Pract, 2015. **107**(2): p. 203-23.
125. Birla, S., et al., *Rare association of acromegaly with left atrial myxoma in Carney's complex due to novel PRKAR1A mutation.* Endocrinol Diabetes Metab Case Rep, 2014. **2014**: p. 140023.
126. Zeitler, P., et al., *ISPAD Clinical Practice Consensus Guidelines 2014. Type 2 diabetes in the child and adolescent.* Pediatr Diabetes, 2014. **15** Suppl 20: p. 26-46.
127. Birla, S., et al., *Rare manifestation of multiple endocrine neoplasia type 2A & cutaneous lichen amyloidosis in a family with RET gene mutation.* Indian J Med Res, 2014. **139**(5): p. 779-81.
128. Lundeen, E.A., et al., *Height-for-age z scores increase despite increasing height deficits among children in 5 developing countries.* Am J Clin Nutr, 2014. **100**(3): p. 821-5.
129. Marwaha, R.K., et al., *Assessment of lean (muscle) mass and its distribution by dual energy X-ray absorptiometry in healthy Indian females.* Arch Osteoporos, 2014. **9**: p. 186.

130. Garg, M.K., et al., *Relationship of lipid parameters with bone mineral density in Indian population*. Indian J Endocrinol Metab, 2014. **18**(3): p. 325-32.
131. Onengut-Gumuscu, S., et al., *Fine mapping of type 1 diabetes susceptibility loci and evidence for colocalization of causal variants with lymphoid gene enhancers*. Nat Genet, 2015. **47**(4): p. 381-6.
132. Singh, P., et al., *Validation of point-of-care testing for coeliac disease in children in a tertiary hospital in north India*. Arch Dis Child, 2014. **99**(11): p. 1004-8.
133. Goyal, A., et al., *Effect of atorvastatin on pancreatic Beta-cell function and insulin resistance in type 2 diabetes mellitus patients: a randomized pilot study*. Can J Diabetes, 2014. **38**(6): p. 466-72.
134. Garg, M.K., et al., *Evaluation of surrogate markers for insulin resistance for defining metabolic syndrome in urban Indian adolescents*. Indian Pediatr, 2014. **51**(4): p. 279-84.
135. Ammini, A.C., et al., *Etiology and clinical profile of patients with Cushing's syndrome: A single center experience*. Indian J Endocrinol Metab, 2014. **18**(1): p. 99-105.
136. Singh, Y., et al., *A study of insulin resistance by HOMA-IR and its cut-off value to identify metabolic syndrome in urban Indian adolescents*. J Clin Res Pediatr Endocrinol, 2013. **5**(4): p. 245-51.
137. Gupta, A., et al., *Pheochromocytoma management, outcomes and the role of cortical preservation*. Indian J Pediatr, 2014. **81**(8): p. 780-4.
138. Marwaha, R.K., et al., *Relationship of body fat and its distribution with bone mineral density in Indian population*. J Clin Densitom, 2013. **16**(3): p. 353-359.
139. Grewal, E., et al., *Assessment of iodine nutrition in pregnant north Indian subjects in three trimesters*. Indian J Endocrinol Metab, 2013. **17**(2): p. 289-93.
140. Lal, P., A. Thakar, and N. Tandon, *Endoscopic orbital decompression for Graves' orbitopathy*. Indian J Endocrinol Metab, 2013. **17**(2): p. 265-70.
141. Chittawar, S., et al., *Internal jugular vein: Peripheral vein adrenocorticotrophic hormone ratio in patients with adrenocorticotrophic hormone-dependent Cushing's syndrome: Ratio calculated from one adrenocorticotrophic hormone sample each from right and left internal jugular vein during corticotrophin releasing hormone stimulation test*. Indian J Endocrinol Metab, 2013. **17**(1): p. 128-32.
142. Tandon, N., et al., *Prevalence of metabolic syndrome among urban Indian adolescents and its relation with insulin resistance (HOMA-IR)*. J Pediatr Endocrinol Metab, 2013. **26**(11-12): p. 1123-30.
143. Shivaprasad, C., et al., *Correlation between bone mineral density measured by peripheral and central dual energy X-ray absorptiometry in healthy Indian children and adolescents aged 10-18 years*. J Pediatr Endocrinol Metab, 2013. **26**(7-8): p. 695-702.
144. Marwaha, R.K., et al., *Normative data of body fat mass and its distribution as assessed by DXA in Indian adult population*. J Clin Densitom, 2014. **17**(1): p. 136-42.
145. Ramkumar, S. and N. Tandon, *Type 2 diabetes mellitus in children and youth*. Indian J Pediatr, 2013. **80** Suppl 1: p. S87-94.
146. Kumar, N., et al., *Genomic evaluation of HLA-DR3+ haplotypes associated with type 1 diabetes*. Ann N Y Acad Sci, 2013. **1283**: p. 91-6.
147. Marwaha, R.K., et al., *Impact of body mass index on thyroid functions in Indian children*. Clin Endocrinol (Oxf), 2013. **79**(3): p. 424-8.
148. Finzer, L.E., et al., *Fruit and vegetable purchasing patterns and preferences in South Delhi*. Ecol Food Nutr, 2013. **52**(1): p. 1-20.
149. Tabassum, R., et al., *Genome-wide association study for type 2 diabetes in Indians identifies a new susceptibility locus at 2q21*. Diabetes, 2013. **62**(3): p. 977-86.
150. Dwivedi, O.P., et al., *Strong influence of variants near MC4R on adiposity in children and adults: a cross-sectional study in Indian population*. J Hum Genet, 2013. **58**(1): p. 27-32.



151. Marwaha, R.K., et al., *Reference range of thyroid function (FT3, FT4 and TSH) among Indian adults*. Clin Biochem, 2013. **46**(4-5): p. 341-5.
152. Khalil, A., et al., *Predictors of carotid intima-media thickness and carotid plaque in young Indian adults: the New Delhi birth cohort*. Int J Cardiol, 2013. **167**(4): p. 1322-8.