



Dr Preeti Dabadghao

Professor, Dept of Endocrinology

Sanjay Gandhi Post Graduate Institute of Medical Sciences,
raibareli Road, Lucknow(UP), India

Cell No: 8004904669

Date of Birth 16th December 1966

Research specialization:(MajorScientificfieldofinterest)

My major area of interest are polycystic ovary syndrome, diabetes in youth, gestational diabetes and pituitary tumours. In PCOS I am interested in the metabolic features associated with PCOS and family studies of metabolic features and long term cardiovascular disease risk.

In diabetes I am particularly interested in studies which improves the glycemic control with limited resources and long term outcome. Gestational diabetes clinical outcome and use of CGMS

Pediatric endocrine conditions like disorders of sexual differentiation clinical and genetic studies

Memberships of professional bodies

1. Indian Academy of Paediatrics.
2. Australasian Paediatric Endocrine Group.
3. Indian Society for Bone and Mineral Research
4. Indian Society of Pediatric and Adolescent Endocrinology
5. Endocrine Society of India
6. Joint secretary of the Indian Society of Pediatric and Adolescent Endocrinology (Jan 2011 to Dec 2012)
7. President of the Indian Society of Pediatric and Adolescent Endocrinology 2019-2020

Task Force Member

Member of the Task force which developed **"ternational evidence-based guideline for the assessment and management of polycystic ovary syndrome"**

Reviewer for

1. **Indian Paediatrics (official Journal of the Indian Academy of Paediatrics)**
2. **Journal of Paediatric Endocrinology and Metabolism**
3. **National Medical Journal of India**
4. **Indian Journal of Medical Research**
5. **Pediatric Diabetes**
6. **International Journal of Diabetes in Developing Countries**
7. **BMC**

Professional Qualification

Degree(s)	Institue & Location	Field/Subject	Year	Percentage /Grade
MBBS	Gandhi Medical College Barkatullah University Bhopal	Medicine	1989	68%

Degree(s)	Institute & Location	Field/Subject	Year	Percentage /Grade
MD	Gandhi Medical College Barkatullah University Bhopal	Pediatrics	1992	Not applicable
DM	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India	Endocrinology	1995	Not applicable

Work Experience

SINo	Duration	Institute & Location	nature of Work
1	18 months	Karolinska Institute, Stockholm, Sweden.	Laboratory research fellow
2	18 months	ResearchCentre for Reproductive Health, University of Adelaide, The Queen Elizabeth Hospital, Adelaide, Australia	Clinical and laboratory research patient care
3	23 years	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India	Clinical research, teaching, and patient care

Awards

Co supervisor for PhD Thesis

1. The role of islet autoimmunity and mutations in the hepatocyte nuclear factor-1 alpha and mitochondrial gene in the aetiology of non-insulin dependent diabetes of the young submitted by Ravi Prakash Sahu in October 2006 and successfully defended.
2. Mutation analysis of COL1A1 and COL1A2 genes in Indian patients with osteogenesis imperfecta submitted by Joshi Stephen, March 2014 and successfully defended.

Grant intramural

1. Is there a non-autoimmune subgroup of insulin- dependent diabetes? One year Rs 1,28,000.00 in April 2000.
2. Role of IPF-1 gene mutations in Maturity Onset Diabetes of Young and type 2 Diabetes patients from North India. One year, RS. 1,05,000.00 April 2002
3. Glucose tolerance and Adiponectin in PCOS women: A follow up study. 16 Jan 2009 for Two years, Rs. 2,00,000.00
4. Study of metabolic characteristics and insulin resistance in lean patients with polycystic ovary syndrome. 13 July 2013for two years, Rs 3,00,000
5. Assessment of cardiovascular disease risk in first degree relatives of PCOS women. Dec 2013 for two years, Rs 2,50,000.00
6. Prevalence of polycystic ovary syndrome in young females with type 1 diabetes. March 2015 2 years, Rs 3,00,000.00
7. Assessment of dietary intake and eating behavior in women with of polycystic ovary syndrome. March 2016 2 years Rs 3,28,664.00
8. Long term follow up of macroprolactinomas March 2018 2 years Rs 3,23, 600
9. 24 hours glucose profile in GDM December 2018, 2 years Rs 2,65,000

Grants Extramural

1. Induction of puberty in males with hypogonadotropic hypogonadism with HCG funded by Royal Children Hospital Melbourne, Australia. January 2009 for two years, AUD 10,000.00.
2. A study of prevalence of Polycystic Ovary syndrome in young women from Lucknow funded by UPCST, Lucknow. Two Years, Rs. 4,48,000.00 Feb 2010
3. Assessment of cardiovascular disease risk in young urban women with Polycystic Ovary Syndrome from Northern India. Funded by ICMR, New Delhi. Rs. 9,00,000.00 Jan 2011

Co-investigator

1. Study of hyper-catecholaminism induced cardiac dysfunction and its reversal following surgical cure in pheochromocytoma patientsSGPGIMS for 1,50,000.00 for two years Dec 2008
2. To study the prevalence of gastrointestinal symptoms and celiac disease in children and adolescents with type 1 diabetes submitted for intra mural funding for Rs 90,000 for 2 years July 2011

3. Effects of catecholamine excess on glucose and fat metabolism in pheochromocytoma & paraganglioma patients and their reversal following surgical cure: a prospective cohort study December 2020 2 years

Publications

1. **Dabadghao P**, Bhatia E, Bhatia V, Jayaraj K, Colman PG. Islet-cell antibodies in malnutrition-related diabetes mellitus from north India. *Diabetes Res Clin Pract.* 1996 Oct; 34(2):73-8.
2. Mehrotra RN, Bhatia V, **Dabadghao P**, Yachha SK. Extrahepatic portal vein obstruction in children: anthropometry, growth hormone, and insulin-like growth factor I. *J Pediatr Gastroenterol Nutr.* 1997 Nov; 25(5):520-3.
3. Khadgawat R, **Dabadghao P**, Mehrotra RN, Bhatia V. Growth charts suitable for evaluation of Indian children. *Indian Pediatr.* 1998 Sep; 35(9):859-65.
4. Singh AK, Bhatia E, **Dabadghao P**, Bhatia V, Gellert SA, Colman PG. Role of islet autoimmunity in the aetiology of different clinical subtypes of diabetes mellitus in young north Indians. *Diabet Med.* 2000 Apr;17(4):275-80.
5. Sanjeevi CB, Miller EN, **Dabadghao P**, Rumba I, Shtauvere A, Denisova A, Clayton D, Blackwell JM. Polymorphism at NRAMP1 and D2S1471 loci associated with juvenile rheumatoid arthritis. *Arthritis Rheum.* 2000 Jun; 43(6):1397-404.
6. Morahan G, Huang D, Ymer SI, Cancilla MR, Stephen K, **Dabadghao P**, Werther G, Tait BD, Harrison LC, Colman PG. Linkage disequilibrium of a type 1 diabetes susceptibility locus with a regulatory IL12B allele. *Nat Genet.* 2001 Feb;27(2):218-21. Erratum in: *Nat Genet* 2001 Mar; 27(3):346.
7. **Dabadghao P**, Vidmar S, Cameron FJ. Deteriorating diabetic control through adolescence-do the origins lie in childhood? *Diabet Med.* 2001 Nov; 18(11):889-94.
8. Alm JS, Sanjeevi CB, Miller EN, **Dabadghao P**, Lilja G, Pershagen G, Blackwell JM, Scheynius A. Atopy in children in relation to BCG vaccination and genetic polymorphisms at SLC11A1 (formerly NRAMP1) and D2S1471. *Genes Immun.* 2002 Apr;3(2):71-7.
9. Nikitina Zake L, Cimkina I, Rumba I, **Dabadghao P**, Sanjeevi CB. Major histocompatibility complex class I chain related (MIC) A gene, TNFa microsatellite alleles and TNFB alleles in juvenile idiopathic arthritis patients from Latvia. *Hum Immunol.* 2002 May; 63(5):418-23.
10. Shtauvere-Brameus A, **Dabadghao P**, Rumba I, Sanjeevi CB. Tumor necrosis factor-alpha allele 2 shows an association with insulin-dependent diabetes mellitus in Latvians. *Ann N Y Acad Sci.* 2002 Apr; 958:357-61.

11. Balasubramanian K, **Dabadghao P**, Bhatia V, Colman PG, Gellert SA, Bharadwaj U, Agrawal S, Shah N, Bhatia E. High frequency of type 1B (idiopathic) diabetes in North Indian children with recent-onset diabetes. *Diabetes Care*. 2003 Sep; 26(9):2697.
12. Kanumakala S, **Dabadghao P**, Carlin JB, Vidmar S, Cameron FJ. Linear growth and height outcomes in children with early onset type 1 diabetes mellitus--a 10-yr longitudinal study. *Pediatr Diabetes*. 2002 Dec; 3(4):189-93.
13. Bhatia V, Arya V, **Dabadghao P**, Balasubramanian K, Sharma K, Verghese N, Bhatia E. Etiology and outcome of childhood and adolescent diabetes mellitus in North India. *JPediatr Endocrinol Metab*. 2004 Jul; 17(7):993-9.
14. Julka S, Bhatia V, Singh U, Northam E, **Dabadghao P**, Phadke S, Wakhlu A, Warne GL. Quality of life and gender role behavior in disorders of sexual differentiation in India. *J Pediatr Endocrinol Metab*. 2006 Jul;19(7):879-88.
15. **Dabadghao P**, Roberts BJ, Norman RJ, et al. Glucose Tolerance Abnormalities in 372 Women with Polycystic Ovary Syndrome from Australia *Med J Aust*. 2007 Sep 17;187(6):328-31.
16. Sahu R, Boddula R, Sharma P, Bhatia V, Greaves R, Rao S, Desai M, Wakhlu A, Phadke S, Shukla M, **Dabadghao P**, Mehrotra RN, Bhatia E. Genetic analysis of the SRD5A2 gene in Indian patients with 5alpha-reductase deficiency, *J Pediatr Endocrinol Metab*. 2009 Mar;22(3):247-54.
17. Arya V, Kumar R, Yadav RS, **Dabadghao P**, Agarwal S. Rare hemoglobin variant Hb I Philadelphia in North Indian family. *Ann Hematol*. 2009 Sep;88(9):927-9.
18. Agarwal G, Sadacharan D, Kapoor A, Batra A, **Dabadghao P**, Chand G, Mishra A, Agarwal A, Verma AK, Mishra SK. Cardiovascular dysfunction and catecholamine cardiomyopathy in pheochromocytoma patients and their reversal following surgical cure: Results of a prospective case-control study. *Surgery*. 2011 Dec;150(6):1202-11
19. Gill H, Tiwari P, **Dabadghao P**. Prevalence of polycystic ovary syndrome in young women from North India: A Community-based study. *Indian J Endocrinol Metab*. 2012 Dec;16(Suppl 2):S389-92.
20. Moorthy N, Kumar S, **Dabadghao P**, Kapoor A. Kocher-Debre-Semelaigne syndrome with arrhythmogenic right ventricular cardiomyopathy: A hitherto unrecognized association. *Indian J Endocrinol Metab*. 2012 Nov;16(6):1032-4
21. Kumar J, Kumar V, Bhatia V, **Dabadghao P**, Chaturvedi S, Kapoor R, Ansari MS. Managing disorder of sexual development surgically: A single center experience. *Indian J Urol*. 2012 Jul;28(3):286-91.
22. Zacharin M, Sabin MA, Nair VV, **Dabadghao P**. Addition of recombinant follicle-stimulating hormone to human chorionic gonadotropin treatment in adolescents and young adults with hypogonadotropic hypogonadism promotes normal testicular growth and may promote early spermatogenesis. *Fertil Steril*. 2012 Oct;98(4):836-42. doi:

- 10.1016/j.fertnstert.2012.06.022. Epub 2012 Jul 3. Erratum in: Fertil Steril. 2013 May;99(6):1798. Dagabdhao, Preeti [corrected to Dabadghao, Preeti]
23. Haroon NN, Agarwal G, Pandey R, **Dabadghao P**. Juvenile granulosa cell tumor presenting as isosexual precocious puberty: A case report and review of literature. Indian J Endocrinol Metab. 2013 Jan;17(1):157-9
24. Guleria AK, Syal SK, Kapoor A, Kumar S, Tiwari P, **Dabadghao P**. Cardiovascular disease risk in young Indian women with polycystic ovary syndrome. Gynecol Endocrinol. 2014 Jan; 30(1):26-9.
25. Stephen J, Shukla A, Dalal A, Girisha KM, Shah H, Gupta N, Kabra M, **Dabadghao P**, Phadke SR Mutation spectrum of COL1A1 and COL1A2 genes in Indian patients with osteogenesis imperfecta. Am J Med Genet A. 2014 Jun;164(6):1482-9.
26. Gopalakrishnan V, Joshi K, Phadke S, **Dabadghao P**, Agarwal M, Das V, Jain S, Gambhir S, Gupta B, Pandey A, Kapoor D, Kumar M, Bhatia V. [Newborn screening for congenital hypothyroidism, galactosemia and biotinidase deficiency in uttarpradesh, India.](#) Indian Pediatr. 2014 Sep 8;51(9):701-5
27. Agarwal M, Joshi K, Bhatia V, Gopalakrishnan V, **Dabadghao P**, Das V, Pandey A, Kumar M, Phadke SR. Feasibility Study of an Outreach Program of Newborn Screening in Uttar Pradesh. Indian J Pediatr. 2014 Nov 1. [Epub ahead of print]
28. Witchel SF, Oberfield S, Rosenfield RL, Codner E, Bonny A, Ibanez L, Pena A, Horikawa R, Gomez-Lobo V, Joel D, Tfayli H, Arslanian S, **Dabadghao P**, Garcia Rudaz C, Lee PA. The Diagnosis of Polycystic Ovary Syndrome during Adolescence. Horm Res Paediatr. 2015 Apr 1. [Epub ahead of print]
29. Singh DK1, Behari S, Jaiswal AK, Sahu RN, Srivastava AK, Mehrotra A, **Dabadghao P**. Pediatric anterior visual pathway gliomas: trends in fluid and electrolyte dynamics and their management nuances. Childs Nerv Syst. 2015 Mar;31(3):359-71.
30. **Dabadghao P** Craniopharyngiomas: Postoperative assessment of fluid and electrolyte disturbances. Neurol India. 2015 Sep-Oct;63(5):663-4.
31. V P Vipin ,**Dabadghao P**, Kapoor A, Raghuvanshi A SCardiovascular disease risk in first degree relatives of women with polycystic ovary syndrome" Fertil Steril. 2016 May;105(5):1338-1344.e3. doi: 10.1016/j.fertnstert.2016.01.024. Epub 2016 Feb 4.
32. Srivastava A, Chaturvedi S, **Dabadghao P**, Mathias A, Shukla U, Singh U, Yachha SK. Prevalence of celiac disease in Indian children with type 1 diabetes. Indian J Gastroenterol. 2016 Sep;35(5):372-378. Epub 2016 Sep 24.
33. Katam KK, Bhatia V, **Dabadghao P**, Bhatia E. High direct costs of medical care in patients with Type 1 diabetes attending a referral clinic in a government-funded hospital in Northern India. Natl Med J India. 2016 Mar-Apr;29(2):64-7

34. Singh D, Chopra A, Ravina M, Kongara S, Bhatia E, Kumar N, Gupta S, Yadav S, **Dabadghao P**, Yadav R, Dube V, Kumar U, Dixit M, Gambhir S. Correction to Oncogenic osteomalacia: role of Ga-68 DOTANOC PET/CT scan in identifying the culprit lesion and its management. *Br J Radiol*. 2017 Nov;90(1079):20160811e. doi: 10.1259/bjr.20160811.e.
35. Pande AR, Guleria AK, Singh SD, Shukla M, **Dabadghao P**. Beta cell function and insulin resistance in lean cases with polycystic ovary syndrome. *Gynecol Endocrinol*. 2017 Nov;33(11):877-881. doi: 10.1080/09513590.2017.1342165. Epub 2017 Jul 13
36. Teede HJ, Misso ML, Costello MF, Dokras A, Laven J, Moran L, Piltonen T, Norman RJ; International PCOS Network. Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. *Fertil Steril*. 2018 Aug;110(3):364-379. doi: 10.1016/j.fertnstert.2018.05.004. Epub 2018 Jul 19.
37. Teede HJ, Misso ML, Costello MF, Dokras A, Laven J, Moran L, Piltonen T, Norman RJ; International PCOS Network. Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. *Clin Endocrinol (Oxf)*. 2018 Jul 19. doi: 10.1111/cen.13795. [Epub ahead of print]
38. Ibanez L, Oberfield SE, Witchel S, Auchus RJ, Chang RJ, Codner E, **Dabadghao P**, Darendeliler F, Elbarbary NS, Gambineri A, Garcia Rudaz C, Hoeger KM, Lopez-Bermejo A, Ong K, Pena AS, Reinehr T, Santoro N, Tena-Sempere M, Tao R, Yildiz BO, Alkhayyat H, Deeb A, Joel D, Horikawa R, de Zegher F, Lee PA. An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence. *Horm Res Paediatr*. 2017;88(6):371-395. doi: 10.1159/000479371. Epub 2017 Nov 13.
39. Singh D, Chopra A, Ravina M, Kongara S, Bhatia E, Kumar N, Gupta S, Yadav S, **Dabadghao P**, Yadav R, Dube V, Kumar U, Dixit M, Gambhir S. Correction to Oncogenic osteomalacia: role of Ga-68 DOTANOC PET/CT scan in identifying the culprit lesion and its management. *Br J Radiol*. 2017 Nov;90(1079):20160811e. doi: 10.1259/bjr.20160811.e
40. Ravi C, **Dabadghao P**. [Treatment of Multi-drug Resistant Tuberculosis Causing Tubulopathy - Gitelman-like Syndrome](#). *Indian Pediatr*. 2019 Nov 15;56(11):976-977
41. **Dabadghao P**. [Polycystic ovary syndrome in adolescents](#). *Best Pract Res Clin Endocrinol Metab*. 2019 Jun;33(3):101272. doi: 10.1016/j.beem.2019.04.006.
42. Subramaniam K, Tripathi A, **Dabadghao P**. Familial clustering of metabolic phenotype in brothers of women with polycystic ovary syndrome. *Gynecol Endocrinol*. 2019 Jul;35(7):601-603. doi: 10.1080/09513590.2019.1566451. Epub 2019 Feb 6
43. Karthik S, Vipin VP, Kapoor A, Tripathi A, Shukla M, **Dabadghao P**. [Cardiovascular disease risk in the siblings of women with polycystic ovary syndrome](#). *Hum Reprod*. 2019 Aug 1;34(8):1559-1566. doi: 10.1093/humrep/dez104

44. Nayak S, **Dabadghao P**, Dixit P, Dwivedi V, Srivastava AK, Behari S. Cushing's Disease in Children: A Review *Neurol India*. 2020 May-Jun;68(Supplement):S52-S65. doi: 10.4103/0028-3886.287677.
45. Teede H, Misso M, Tassone EC, Dewailly D, Ng EH, Azziz R, Norman RJ, Andersen M, Franks S, Hoeger K, Hutchison S, Oberfield S, Shah D, Hohmann F, Ottey S, **Dabadghao P**, Laven JSE. [Anti-Mullerian Hormone in PCOS: A Review Informing International Guidelines](#). *Trends Endocrinol Metab*. 2019 Jul;30(7):467-478. doi: 10.1016/j.tem.2019.04.006. Epub 2019 May 31
46. Nayak S, Dabadghao P, Dixit P, Dwivedi V, Srivastava AK, Behari S. Cushing's Disease in Children: A Review. *Neurol India*. 2020 May-Jun;68(Supplement):S52-S65. doi: 10.4103/0028-3886.287677.
47. Pena AS, Witchel SF, Hoeger KM, Oberfield SE, Vogiatzi MG, Misso M, Garad R, Dabadghao P, Teede H. Adolescent polycystic ovary syndrome according to the international evidence-based guideline. *BMC Med*. 2020 Mar 24;18(1):72. doi: 10.1186/s12916-020-01516-x.
48. Sait H, Srivastava P, Dabadghao P, Phadke SRKallmann Syndrome and X-linked Ichthyosis Caused by Translocation Between Chromosomes X and Y: A Case Report. *JReprodInfertil*. 2021 Oct-Dec;22(4):302-306. doi: 10.18502/jri.v22i4.7657.
49. Sharma L, Sudhanshu S, Bhatia V, Dabadghao P Prevalence and epidemiological profile of celiac disease in children with type 1 diabetes mellitus: Experience from a tertiary care center of India. *Pediatr Diabetes*. 2021 Nov 13. doi: 10.1111/pedi.13280. Online ahead of print.
50. Kaushik A, Kapoor A, Dabadghao P, Khanna R, Kumar S, Garg N, Tewari S, Goel PK, Sinha A. Use of strain, strain rate, tissue velocity imaging, and endothelial function for early detection of cardiovascular involvement in young diabetics. *Ann PediatrCardiol*. 2021 Jan-Mar;14(1):1-9. doi: 10.4103/apc.APC_158_19. Epub 2021 Jan 4.

Book Chapter&Monograph

1. "Endocrinology of the new born" *Clinical Paediatric Endocrinology*, Blackwell Publication, London, 2001, editors CGD Brook, P Hindmarsh.
2. "Normal growth" *Pediatric Endocrine Disorders*, Orient Longman Pvt. Ltd., 2008 and 2013 editors MP Desai, PSN Menon, V Bhatia.
3. "Growth retardation" *Pediatric Endocrine Disorders*, Orient Longman Pvt. Ltd., 2008 and 2013 editors MP Desai, PSN Menon, V Bhatia.
4. Monograph on PCOS: "Factors affecting deterioration of glucose tolerance in women with PCOS" 2006. Editor Rubina Merchant
5. Disorders of adrenal gland for the IAP textbook of Pediatrics 2012 and 2019 Editors PSN Menon

6. Familial short stature and Constitutional Delay in growth and puberty for the IAP speciality textbook on endocrinology 2012 and 2021 Editors Nalini Shah and Sudha Rao
7. Polycystic Ovarian disease and peripubertal hyperandrogenism. Textbook of Pediatric Endocrinology, Pediatric Endocrine Disorders. 4th Edition. Universities Press/Orient Blackswan. In press

Teaching Experience

SINo	Duration	Area
1	1989 - 1992	Post Graduate student and Clinical instructor in Paediatrics for medical students and residents
2	1998 - 1999	Clinical instructor and tutor for FRACP students at Royal Children's Hospital, Melbourne, Australia
3	1999 -	Clinical and research instructor in endocrinology and diabetes to residents and fellows