



## Monica Grover

Clinical Associate Professor, Pediatrics - Endocrinology and Diabetes

### CLINICAL OFFICES

- **Pediatric Endocrinology and Diabetes**

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### Bio

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#### BIO

##### CLINICAL FOCUS:

- Pediatric Endocrinology
- Pediatric Diabetes
- Pediatric Bone Health

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- Pediatric Endocrinology
- Pediatric Bone health

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Endocrinology and Diabetes
- Member, Maternal & Child Health Research Institute (MCHRI)

#### ADMINISTRATIVE APPOINTMENTS

- Clinical Associate Professor, Department of Pediatrics, Division of Pediatric Endocrinology, (2020- present)
- Co-Director, Bone Health Clinic at Stanford Children's Health, (2017- present)
- Clinical Assistant Professor, Department of Pediatrics, Division of Pediatric Endocrinology, Stanford School of Medicine, Lucile Packard Children's Hospital, (2016-2020)
- Clinical Instructor, Department of Pediatrics, Division of Pediatric Endocrinology, Lucile Packard Children's Hospital, Stanford University, (2015-2016)
- Assistant Professor, Department of Pediatrics, Division of Pediatric Endocrinology, University of Virginia, (2013-2015)
- Post Doctoral Associate, Department of Human and Molecular Genetics, Baylor College of Medicine, (2012-2013)

#### HONORS AND AWARDS

- New Investigator Award, European Calcified Tissue Society (2013)

- NRSA (F32), NIH (2012)
- Research Fellowship Award, Lawson Wilkins Pediatric Endocrine Society (2012)
- Travel Grant, Pediatric Endocrine Society (2012)
- Presidential Poster Presentation Award, American Society of Bone and Mineral Research (2011)
- Travel Grant, Endocrine Society (2011)
- Grace Lukose Memorial Medal for First position in Surgery, Lady Hardinge Medical College (2003)
- Acknowledgement for Proficiency in Physiology, Lady Hardinge Medical College (2000)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Member, Pediatric Endocrine Society Practice Management Committee (2018 - present)
- Member, Pediatric Endocrine Society Bone and Mineral Special Interest Group (2017 - present)
- Board Certification, American Board of Pediatrics, Pediatric Endocrinology (2013 - present)
- Certified Clinical Densitometrist, ISCD (2012 - 2017)
- Member, American Society of Bone and Mineral Research (2010 - present)
- Board Certification, American Board of Pediatrics (2009 - present)
- Member, Pediatric Endocrine Society (2009 - present)

## **PROFESSIONAL EDUCATION**

- Residency: SUNY Downstate School of Medicine Registrar NY
- Internship: SUNY Downstate School of Medicine Registrar NY
- Board Certification: Pediatric Endocrinology, American Board of Pediatrics (2013)
- Board Certification: Pediatrics, American Board of Pediatrics (2009)
- Fellowship, Baylor College of Medicine/Texas Children's Hospital , Pediatric Endocrinology (2012)
- Fellowship: Baylor College of Medicine TX
- Residency, SUNY Downstate School of Medicine , Pediatrics (2009)
- M.B.B.S., Lady Hardinge Medical College , Medical Education (2005)

## **Teaching**

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### **GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS**

- Pediatric Endocrinology (Fellowship Program)

## **Publications**

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### **PUBLICATIONS**

- **Atraumatic vertebral fractures in two children with Autism Spectrum Disorder**  
Grover, M., Bachrach, L.  
KARGER.2020: 29
- **Hypercalcemia in Children Using the Ketogenic Diet: A Multicenter Study.** *The Journal of clinical endocrinology and metabolism*  
Hawkes, C. P., Roy, S. M., Dekelbab, B., Frazier, B., Grover, M., Haidet, J., Listman, J., Madsen, S., Roan, M., Rodd, C., Sopher, A., Tebben, P., Levine, et al  
2020
- **50 Years Ago in The Journal of Pediatrics: Advances in Diagnosis and Treatment of Pseudovitamin D Deficiency Rickets.** *The Journal of pediatrics*  
Grover, M., Maahs, D. M.  
2020; 221: 200

- **High Incidence of electrolyte abnormalities despite low first dose of Zoledronic acid**  
Grover, M., Bachrach, L.  
WILEY.2019: 130
- **Argininosuccinate lyase deficiency as a model to study nitric oxide function in Bone**  
Jin, Z., Kho, J., Dawson, B., Grover, M., Jiang, M., Chen, Y., Lee, B.  
WILEY.2018: 44
- **Team Approach: Bone Health in Children and Adolescents.** *JBJS reviews*  
Kraus, E., Bachrach, L. K., Grover, M.  
2018
- **Treatment of Adolescent Osteoporosis** *A practical approach to adolescent bone health*  
Grover, M., Bachrach, L.  
2018
- **The Impact of Frequency and Tone of Parent-Youth Communication on Type 1 Diabetes Management.** *Diabetes therapy*  
DeBoer, M. D., Valdez, R., Chernavsky, D. R., Grover, M., Burt Solorzano, C., Herbert, K., Patek, S.  
2017; 8 (3): 625-636
- **Osteoporosis in Children with Chronic Illnesses: Diagnosis, Monitoring, and Treatment.** *Current osteoporosis reports*  
Grover, M., Bachrach, L. K.  
2017
- **Losartan increases bone mass and accelerates chondrocyte hypertrophy in developing skeleton** *MOLECULAR GENETICS AND METABOLISM*  
Chen, S., Grover, M., Sibai, T., Black, J., Rianon, N., Rajagopal, A., Munivez, E., Bertin, T., Dawson, B., Chen, Y., Jiang, M., Lee, B., Yang, et al  
2015; 115 (1): 53-60
- **Case report: long-term follow-up of a 45,X male with SHOX haploinsufficiency.** *Journal of pediatric endocrinology & metabolism : JPEM*  
Grover, M., French, S., Yazdani, P.  
2015; 28 (7-8): 937-41
- **SERPINF1 as a Cause of Osteogenesis Imperfecta Type VI** *OSTEOGENESIS IMPERFECTA: A TRANSLATIONAL APPROACH TO BRITTLE BONE DISEASE*  
Joeng, K., Grover, M., Rajagopal, A., Lee, B. H., Shapiro  
2014: 167-72
- **Osteogenesis Imperfecta Without Features of Type V Caused by a Mutation in the IFITM5 Gene** *JOURNAL OF BONE AND MINERAL RESEARCH*  
Grover, M., Campeau, P. M., Lietman, C. D., Lu, J. T., Gibbs, R. A., Schlesinger, A. E., Lee, B. H.  
2013; 28 (11): 2333-2337
- **Next-generation sequencing for disorders of low and high bone mineral density** *OSTEOPOROSIS INTERNATIONAL*  
Sule, G., Campeau, P. M., Zhang, V. W., Nagamani, S. C., Dawson, B. C., Grover, M., Bacino, C. A., Sutton, V. R., Brunetti-Pierri, N., Lu, J. T., Lemire, E., Gibbs, R. A., Cohn, et al  
2013; 24 (8): 2253-2259
- **Phenotypic Variability of Osteogenesis Imperfecta Type V Caused by an IFITM5 Mutation** *JOURNAL OF BONE AND MINERAL RESEARCH*  
Shapiro, J. R., Lietman, C., Grover, M., Lu, J. T., Nagamani, S. C., Dawson, B. C., Baldrige, D. M., Bainbridge, M. N., Cohn, D. H., Blazo, M., Roberts, T. T., Brennen, F., Wu, et al  
2013; 28 (7): 1523-1530
- **WNT1 Mutations in Early-Onset Osteoporosis and Osteogenesis Imperfecta** *NEW ENGLAND JOURNAL OF MEDICINE*  
Laine, C. M., Joeng, K. S., Campeau, P. M., Kiviranta, R., Tarkkonen, K., Grover, M., Lu, J. T., Pekkinen, M., Wessman, M., Heino, T. J., Nieminen-Pihala, V., Aronen, M., Laine, et al  
2013; 368 (19): 1809-1816
- **Human fetal and neonatal bone development** *Primer on Metabolic Bone Diseases and Disorders of Mineral Metabolism*  
Yang, T., Grover, M., Joeng, K. S., Lee, B.  
2013
- **Assessment of Bone Mineral Status in Children With Marfan Syndrome** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*

Grover, M., Brunetti-Pierri, N., Belmont, J., Phan, K., Tran, A., Shypailo, R. J., Ellis, K. J., Lee, B. H.  
2012; 158A (9): 2221-2224

- **Decreased bone mineralization in children with Noonan syndrome: another consequence of dysregulated RAS MAPKinase pathway?** *Molecular genetics and metabolism*

Choudhry, K. S., Grover, M., Tran, A. A., O'Brian Smith, E., Ellis, K. J., Lee, B. H.  
2012; 106 (2): 237-240

- **Autoimmune polyglandular syndrome Type 3 and growth hormone deficiency** *PEDIATRIC DIABETES*

Quintos, J. B., Grover, M., Boney, C. M., Salas, M.  
2010; 11 (6): 438-442