

**ESIC MEDICAL COLLEGE, SANATHNAGAR, HYDERABAD  
DEPARTMENT OF ENDOCRINOLOGY**

Ongoing research projects / thesis, being conducted by the department of Endocrinology, ESIC Medical college.

1. Prevalence of gonadal dysfunction in CKD, Cross-sectional observational study.
2. Evaluation of BMD and body composition by DEXA in children and adolescents with Type 1 Diabetes Mellitus and their age, sex and puberty matched controls.
3. A study on body composition, fat distribution and insulin resistance among obese and lean PCOS women - an observational case-control study.
4. Effect of levothyroxine therapy on bone mineral density and visceral adiposity index in patients with primary hypothyroidism - A prospective observational study.
5. Evaluation of bone health using trabecular bone score and bone mineral density in patients on long term glucocorticoids.
6. Comparison of trabecular bone score, FRAX, BMD for evaluation of bone density in patients with vertebral and hip fractures.

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