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Study of Urinary Incontinence in Female Patients

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ABSTRACT

The aim of the present study was to ascertain the prevalence of Urinary Incontinence as well as its impact on quality of life among women. This study was based on an assumption that there exist a significant proportion of women living with UI and suffering in silence. The study was conduct in the department of urology and gynecology out-patient in *Lalitha's* urogynecology center in Hyderabad, Telangana. The study was carried out over a period of 3 months and population compromised of women aged 18 years and above. Ethical approval will sought from the *Lalitha's* urogynecology center. The data was analyzed for about 50 female patients for treatment and urodynamic test which include hesitancy, post void residual measurement, maximum flow, average flow, flow time, and residual urine. The results are analyzed for urodynamic test values before and after the treatment by using one way analysis of variance (ANOVA) followed by duneette multiple comparison at a significance level of $p < 0.005$. The results showed a significance reduction in urinary incontinence after the treatment with exercise as well as with medication.

Key words: urinary incontinence, urology, gynecology, urodynamic test.

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