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**URODYNAMIC OBSERVATIONS IN PATIENTS 12 TO 18 YEARS OLD WITH REFRACTORY NOCTURNAL ENURESIS.**

**Hypothesis / aims of study**
To document urodynamic observations in patients 12-18 years old with refractory nocturnal enuresis who failed medical treatment for at least 6 months

**Study design, materials and methods**
This is a case series study that included 95 consecutive patients 12-18 years old, presented to our hospital complaining of nocturnal enuresis that is resistant to treatment for at least 6 months.

Full urodynamic study was done in the supine position with 50 ml/min infusion rate.

Urodynamic observations were collected and analyzed using SPSS version 15.

**Results**
Testing revealed no abnormality in 20 cases (19%); 20 cases had uninhibited contractions (19%); in 8 cases there was DSD (7.6%); in 9 cases, infra vesical obstruction was suggested (8.5%); 7 cases had low compliance (6.6%); motor atonic bladder was diagnosed in 2 cases (1.9%), and in 29 cases multiple observations were noted (27.5%).

**Interpretation of results**
Urodynamic observations in patients 12-18 years old with refractory NE can be variable. In this series the majority of cases showed multiple observations (27.5%), while 19% showed no abnormalities.

**Concluding message**
The variety of urodynamic observations in patients with refractory NE makes it mandatory to test those patients before continuing treatment.

The majority of cases will reveal multiple results while 20% of cases will be urodynamically free.

**Disclosures**

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**Informed Consent:** Yes