

PP-30 Our Experience In Chordee Without Hypospadias

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Introduction: Congenital penile curvature is an anomaly that often accompanies hypospadias. It is the abnormal curvature of the erected penis without any abnormality in penile chord meatal position without hypospadias and it is a rare condition. The prevalence of penile curvature was found to be 0.037% by Ebbehøj and Metz, and 0.6% by Yachia . However , chordee without hypospadias is a rare condition . We aimed to review our experiences in the light of the literature by presenting our cases of congenital chordee without hypospadias that we operated on in pediatric patients. **Material method:** The data of the patients who were operated in our clinic between January 2020 and June 2022 for congenital chord without hypospadias were analyzed retrospectively **Results:** The ages of the patients were determined as 23-176 months (median 91.8 months). It was observed that the chordee degree of the patients was between 30-90 degrees. Seven of the 17 patients had chordee after degloving of the penis, that is, they had skin chordee. Heineke-Mikulicz plication was performed in 5 of the remaining ten patients and tunical plication was performed in 3 patients. Two patients with ventral cords underwent corporotomy and ventral grafting (Stag operation) in their follow-up. It was observed that 5 of 17 patients had circumcision before and only one of them recovered after penile degloving. Post operative ; Ecchymosis was observed in one patient and hematoma was observed in one patient who underwent corporotomy. In the follow-ups, chordee was completely recovered in all other patients who had ventral ten degree chordee in one patient who underwent corporotomy. **Discussion:** The vast majority of penile cords without hypospadias can be corrected with simple degloving or plication techniques. No matter what technique we use, the protection of neurovascular structures and the urethral plate should be our main goal. Although penile cordis without hypospadias is rare, we argue that it can be performed in experienced centers with low complication rates and successful results.

Keywords: Chordee without Hypospadias, penis abnormalities, penile curvature