

A Median Raphe Cyst of the Glans Penis in a 10-year old Boy with Urination Complaints

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INTRODUCTION

Median raphe cyst of the glans penis is not a common disease [1, 2]. Cysts are found not only on the glans penis, but also on the frenulum, scrotum, and perineum [3]. We present a case of parameatal urethral cyst in a boy with urination complaints.

BRIEF HISTORY

A 10 year-old boy found a cystic mass on the glans penis around his urethral meatus several months previously. He reported no definite trauma history. He also denied other systemic ailments. The cyst (Fig. 1) might have been present since infancy but the boy was brought to our clinic at the age of 10 years when the mass was quite large and had been causing spraying of the urinary stream for several months.

CLINICAL COURSE

The boy received complete excision of the cyst. Pathology showed a 5x4x3 mm hyperplastic, cystic dilatation of the small mucus glands of the glans penis. No malignancy was noted. The postoperative course was uneventful with follow-up for 6 months. Urination returned to normal after surgery.

DISCUSSION

Median raphe cysts have been reported using various pathologic diagnostic terms such as mucoid cysts, urethroid cysts, and apocrine cystadenoma [3]. Parameatus and parameatal urethral cysts are recognized as the same disease [3]. Parameatal cysts are uncommon and are considered congenital [2,3]. Most cysts are asymptomatic, but about 25% are accompanied by urethral itching, pain on urination or spraying of the urine stream [1,2]. Instead of aspiration or simple de-capping, the treatment of choice is total excision of the cyst [1-3].



Fig. 1. A cystic lesion on the right side of the urethral meatus.

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