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Zinner syndrome in pediatric age: Clinical image

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Abstract

Zinner Syndrome (ZS) is a rare genitourinary malformation characterized by the triad of unilateral seminal vesicle cyst (QVS), ipsilateral Multicystic Displastic Kidney (MCDK), and obstruction of the ejaculatory duct. This condition is rare in pediatric age and both diagnosis and treatment are challenging.

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Case presentation

We present a case of a child with a prenatal diagnosis of left-sided MCDK which was confirmed by postnatal ultrasound. At the age of 10, during a follow-up ultrasound, a cystic formation was identified in association with the left seminal vesicle, raising the diagnostic of ZS. Currently, the patient remains asymptomatic and is undergoing regular clinical and imaging surveillance.

Conclusion

In conclusion, ZS is rare in pediatric age. However, it should be considered in the differential diagnosis of cystic masses within the pelvis in males with ipsilateral renal anomalies. A conservative treatment with a long-term follow-up is a safe option in the management of asymptomatic or poorly symptomatic patients, thus reserving the surgical approach only in cases with symptoms.

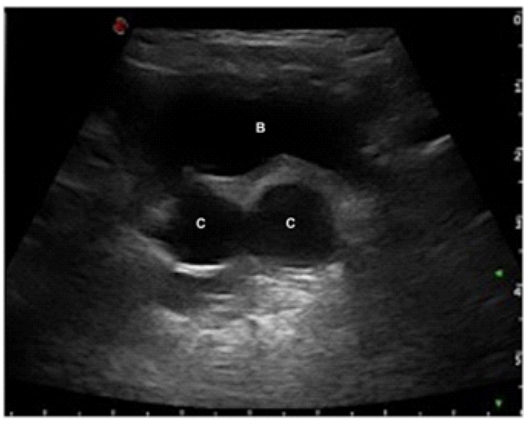

Figure 1: Renal US shows full bladder (B) with two right retrovesical fluid-filled cysts (C).

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