ZINNER SYNDROME: RARE CASE REPORT

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Abstract

Zinner syndrome is the rare syndrome associated with congenital seminal vesicle cysts and ipsilateral upper urinary tract anomalies, such as multicystic dysplastic kidney. Congenital malformations of the seminal vesicle are uncommon and most of them are cystic malformations. If an insult occurs between 4th and 13th gestational week, the embryogenesis of the kidneys, ureters, seminal vesicles and vas deferens could be altered. Cysts of the seminal vesicle may appear with a mass effect, dysuria, epididymitis, or obstruction of the gastrointestinal and genitourinary tracts. Approx. 2/3rd of them are associated with ipsilateral renal agenesis, because both the ureteral buds and seminal vesicles originate from the mesonephric duct. They were first described by Zinner in 1914. Most patients are asymptomatic until the 3rd-4th decade of life. Till now only few hundreds of cases reported in the literature. Hereby we present the rare developmental anomaly involving the mullerian ducts encountered in our hospital.

Keywords: Seminal vesicle cysts, Ipsilateral renal agenesis, Mesonephric (wolffian duct)

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