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Zinner's syndrome: case report of a rare mesonephric duct anomaly.

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Introduction Zinner's syndrome is a rare congenital malformation that includes a seminal vesicle cyst, ejaculatory duct obstruction, and homolateral renal agenesis. This is the first reported case report in Sri Lanka under this entity.

Case history We present a case of a healthy 25-year-old unmarried male who experienced perineal pain and few episodes of incomplete defecation for two months duration. Initial ultrasound imaging revealed the right-side seminal vesicle cyst with homolateral renal agenesis which was confirmed by an MRI scan and concluded as Zinner's syndrome. His mild symptoms were managed with simple analgesic and laxatives. His sperm parameters were normal, and therefore, he is under follow-up without any invasive treatment options.

Discussion Patients with Zinner's syndrome are usually asymptomatic until the second to third decade of their life. The diagnostic evaluation of a Zinner's syndrome includes biochemical investigations, radiological imaging, and cystoscopic examination. The management of Zinner's syndrome should

be clinically oriented, and follow-up is acceptable in asymptomatic and mild symptomatic cases. Invasive treatment should be restricted to symptomatic cases or patients who failed conservative measures.

Conclusion Zinner's syndrome should be suspected if a young patient presents with multiple and unspecific pelvic symptoms and has a known unilateral renal agenesis. Conservative measures should be tried in asymptomatic or mild symptomatic cases, and if the patient remains symptomatic, invasive procedures should be planned.