

## Gynecological Surgery- Case Report

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### Abstract

Herlyn-Werner-Wunderlich (HWW) syndrome is a rare congenital anomaly characterized by triad of uterus didelphys, obstructed hemi vagina, and ipsilateral renal agenesis. The most common presentation is abdominal pain, dysmenorrhea, and abdominal mass secondary to hemi-hematometocolpos. We report an emergency presentation of this syndrome during the pandemic of COVID-19 in Qatif Central Hospital, Saudi Arabia, April 2020. An 11-year-old Saudi girl presented to the emergency room with three months' history of cyclical lower abdominal pain. The pain was progressive, continuous and not relieved by analgesics. Abdominal examination revealed a tender abdominal mass mainly in the left iliac fossa, Ultrasound evaluation showed two uterine bodies. The left uterus was distended with complex fluid. Pelvic MRI findings consistent with Herlyn-Werner-Wunderlich (HWW) syndrome were found with uterine didelphys and left sidedhematometra resulting from obstructed hemi-vagina and ipsilateral agenesis of the left kidney. Resection of the vaginal septum and drainage of hematometra was done. The patient recovered with normal cyclical menstruation. Cyclical or continuous lower abdominal pain with or without amenorrhea is the usual presentation of HWW syndrome during adolescence. Diagnosis is made by ultrasonography and MRI. Early diagnosis and accurate management can provide pain relief, prevent future complications, and preserve fertility.

### Biography

Raghad Aljishi obtained her medical degree, and her specialization in Obstetrics and Gynecology, at Royal College of Surgeons, Ireland. She is now a student of surgeons and she is very interested in fertility preservation, both, elective and oncological.

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