

Herlyn-Werner-Wunderlich syndrome (HWWS) or (OHVIRA): A late diagnosis

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ABSTRACT

Introduction: Obstructed hemivagina and ipsilateral renal anomaly (OHVIRA), or Herlyn-Werner-Wunderlich syndrome (HWWS), is an abnormal development of the Mullerian and the Wolffian duct resulting in uterus didelphys, unilateral obstructed hemivagina, and ipsilateral renal agenesis. Its incidence is 1 out of 1,000,000 people. **Case Description:** A 33-year-old lady was under investigation and treatment for a few years for primary infertility. Her magnetic resonance imaging (MRI) abdomen and pelvis showed that there was bicornuate uterus with two separate endometrial cavities separated by a thin septum. The right uterine cavity led to the cervical os, but the left was a blind end. The left kidney was absent, and the right kidney was normal. Laparoscopic hysterotomy on the left side of uterus and left vaginal septectomy with vaginoplasty were done. The right salpingectomy was done as it was dilated. She had her menarche at 11 years old, and her cycles were regular. She had laparotomies twice at the ages of 18 and 21 years for tubo-ovarian abscess. **Discussion:** Diagnosis of OHVIRA syndrome can be misinterpreted as vagina obstruction is unilateral and menstruation is there. Sometimes symptoms are non-specific like dysmenorrhea, abdominal pain, foul smelling vaginal discharge, acute urinary retention, fever and vomiting. Delayed diagnosis may cause complications and adverse fertility outcomes. So, healthcare professionals must be aware of the possibility of OHVIRA syndrome to get an early diagnosis and timely management.