

Hemato/hydro Colpos

Joseph Junewick, MD FACR

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History

11 year old female with amenorrhea and abdominal pain.

Diagnosis

Hemato/hydro colpos

Discussion

Hematocolpos occurs most often as a result of simple imperforate hymen and can cause back pain, abdominal pain, abdominopelvic mass.

Imperforate hymen is the most common cause of vaginal obstruction. A membrane persists at the junction of the urogenital sinus and the caudal mullerian ducts. Imperforate hymen is not associated with abnormalities of the internal or external genitalia. Prolonged vaginal obstruction can eventually give rise to fluid filled endometrial cavity (hemato/hydro metra) and uterine tubes (hemato/hydro salpinx).

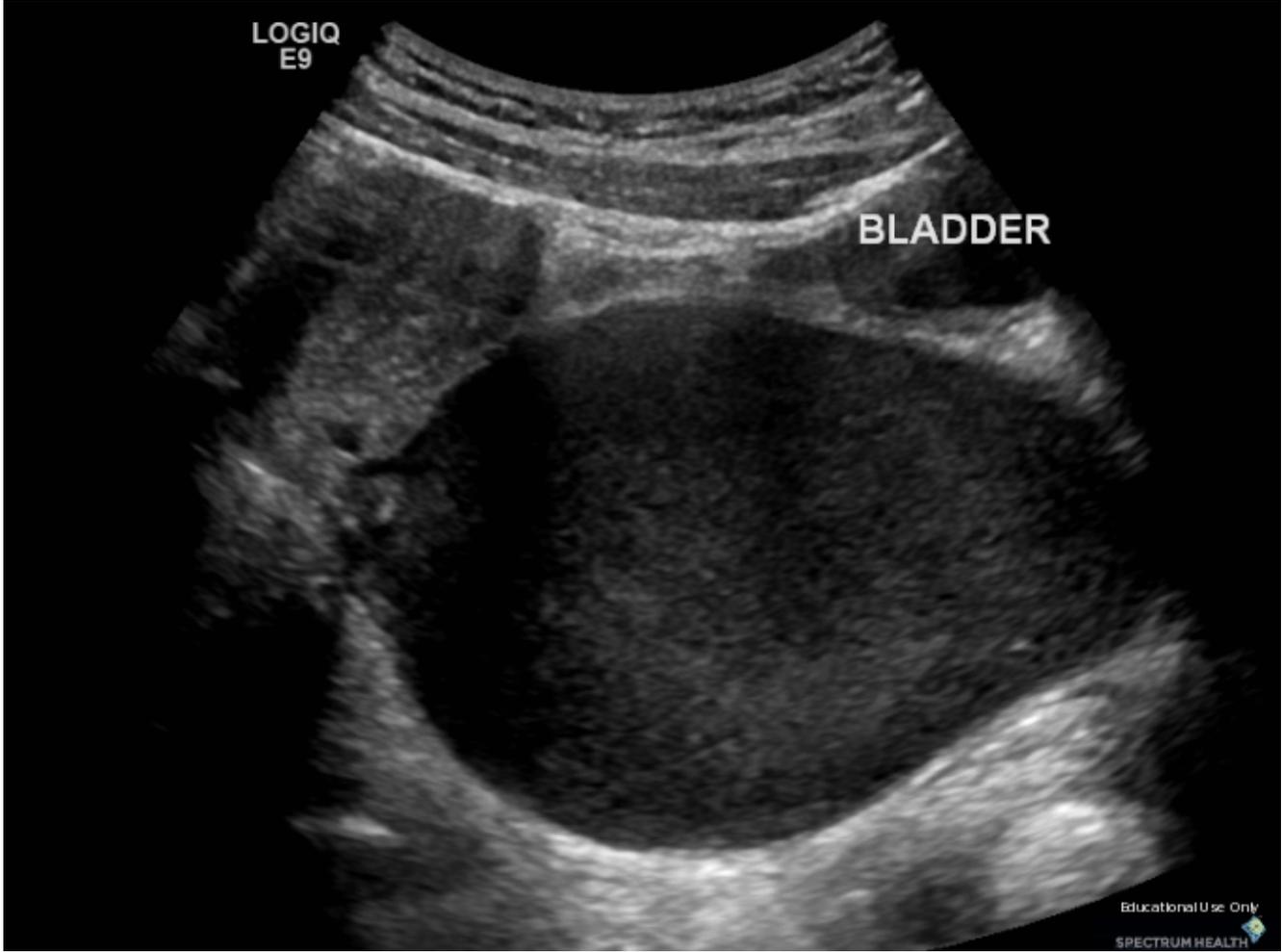
Differential diagnoses include ureterocele, bladder diverticulum, mullerian fusion anomaly with obstruction, obstructed paraurethral gland (Skene gland), rectal duplication cyst, cystic rhabdomyosarcoma and abscess.

Findings

US-Vagina distended with fluid containing low-level echoes; normal uterus and urinary bladder.

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BLADDER

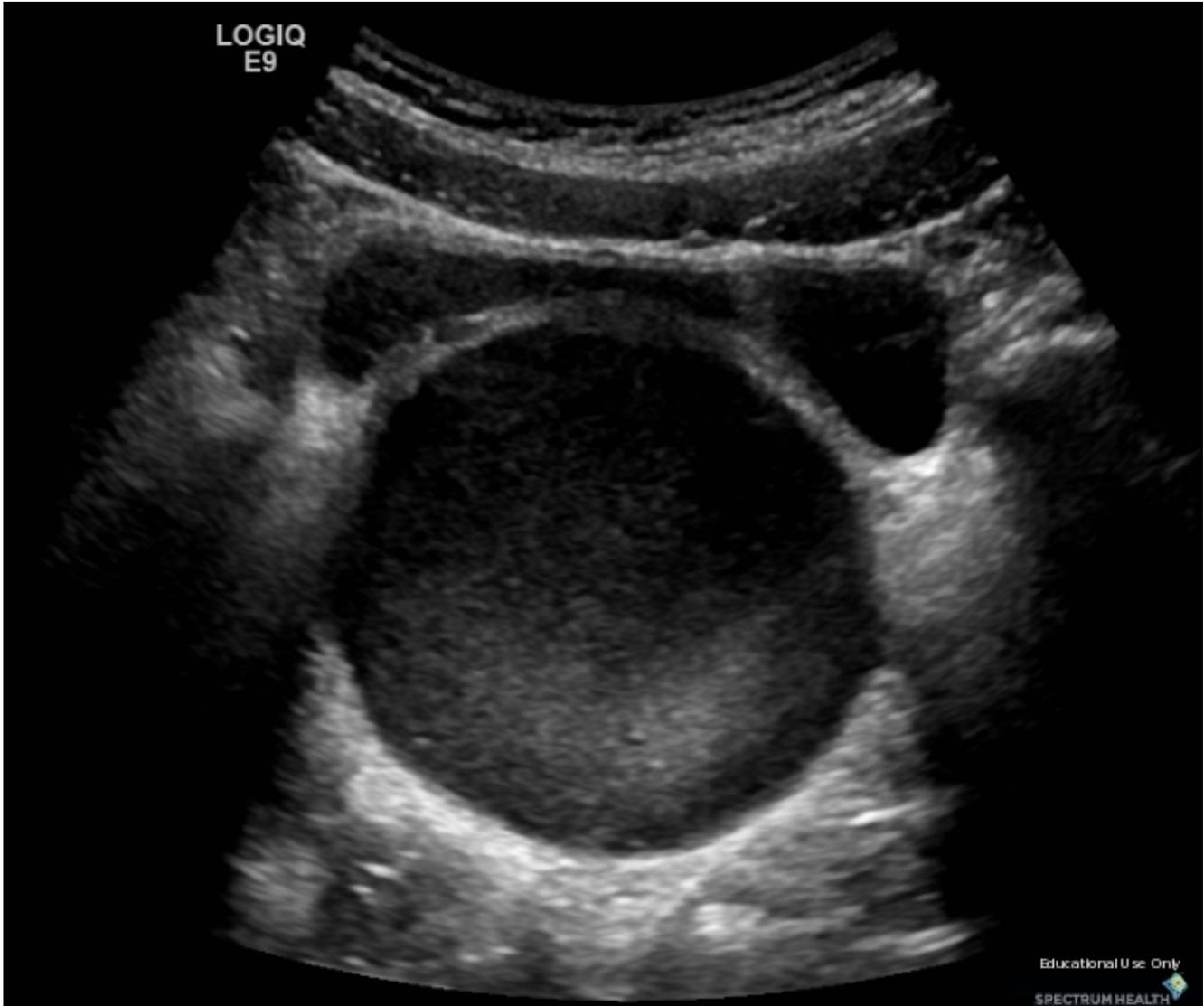


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