

A 19-year-old Female with Primary Amenorrhea

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SECTION 1 – QUIZ

CASE

A 19-year-old female patient presented with primary amenorrhea to the gynecology outpatient clinic. On examination, her height and weight were within normal limits and she had normal-appearing external female genitalia and breasts along with normal axillary and pubic hair development. There was no significant past, medical, or family history. The patient's blood investigations, including serum hormonal profile, were within normal limits. Serum hormonal profile included normal serum luteinizing hormone, follicle-stimulating hormone, and androgen levels.

In view of primary amenorrhea, ultrasonography of the whole abdomen and pelvis was performed [Figure 1]. The patient was

further subjected to magnetic resonance imaging [Figure 2]. What is your impression?

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form, the patient has given her consent for her images and other clinical information to be reported in the journal. The patient understands that her name and initials will not be published, and due efforts will be made to conceal the identity, but anonymity cannot be guaranteed.

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

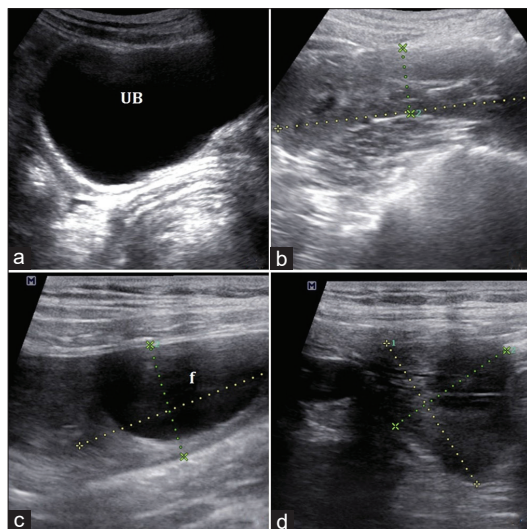


Figure 1: (a) Transabdominal ultrasound of the pelvis. UB: Urinary bladder. (b) Calipers showing kidney in the right lumbar region. (c) Calipers showing right ovary. f: Follicle. (d) Calipers showing left ovary

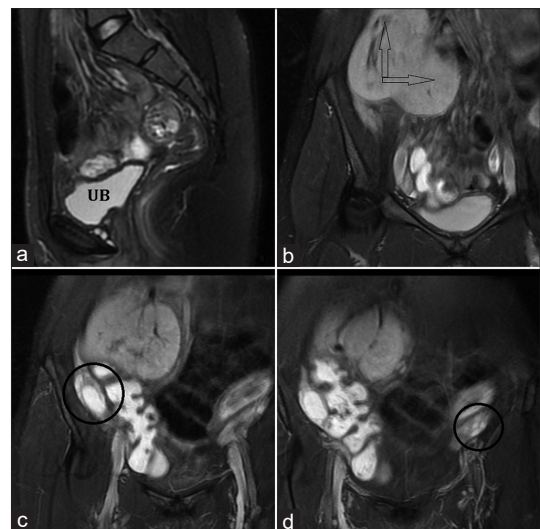


Figure 2: Magnetic resonance imaging of the pelvis with (a) T2 fat sat sequence in the sagittal plane; (b) coronal plane showing kidney (arrows); (c and d) ovaries (circles)

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