

Laparoscopic detorsion in a patient with delayed diagnosis of tuboovarian torsion rotated eight times with successful outcome



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Objective

Ovarian torsion refers to the complete or partial rotation of the ovary on its ligamentous supports, often resulting in impedance of its blood supply. It is one of the most common gynecologic surgical emergencies. Even if it is an acute condition, the diagnosis of this condition may rarely be delayed. In this case report, a case of delayed diagnosis of tuboovarian torsion rotated eight times was reported.

Results

During the operation clear bleeding from the stroma of ovary was noted. After two mounts of surgery the patient was in good health status with decreased number of antral follicles and normal blood flow in right ovary.

Methods

A 17 years old girl admitted to outpatient clinic with the complain of difficulty to walking for two mounts. She also occasionally complained cyclic pelvic pain. She admitted to different clinics for such complains and she was prescribed to use non-steroidal analgesics. Initial pelvic ultrasonographic evaluation revealed a single simple ovarian cyst 5 cm in diameter without clear assessment of ovarian blood flow. Following two months of such symptoms history, she was re-evaluated by gynecologist in an outpatient clinic. A single simple ovarian cyst 7 cm in diameter with thick wall, heterogenous appearance of the ovarian stroma, multiple small peripheral follicles, enlarged ovary with absent of Doppler flow within the ovary were noted during pelvic ultrasonograph. A serum human chorionic gonadotropin, hematocrit, white blood cell count, and electrolyte panel was drawn. All tests were unremarkable. Emergency laparoscopy was done. Laparoscopic evaluation was revealed almost 200 cc blood in douglas pouch, and necrotic appearance of twisted tube and ovary. Enlarged ovary and tube was rotated eight times (Figure 1). Laparoscopic ovarian detorsion, ovarian cystectomy and fixation ovary to fossa ovarica was carried out.



Conclusion

Laparoscopic tubo-ovarian detorsion and ovarian conservation, even in the case of a darkened, congested ovary is safe and good option also in case of delayed diagnosis.

Conflict of interest statement : The authors have nothing to declare for this study.