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Katie P Nguyen

Riverside Community Hospital, USA

Ovarian Torsion: Presentation and management in a pediatric patient

Background: Adnexal torsion is the fifth most common gynecologic emergency accounting for approximately 20 to 30% of ovarian surgeries in pediatric patients.

Case: The patient is a ten-year-old female who presented to the emergency room for severe left lower quadrant abdominal pain. On presentation, she was hemodynamically stable with an acute abdomen. A transabdominal ultrasound showed a predominantly anechoic structure measuring up to 5.6cm without definitive doppler flow, concerning for a large cyst causing ovarian torsion. Gynecology was consulted, and the patient underwent a diagnostic laparoscopy, aspiration of the left ovarian cyst, and left ovarian detorsion. Pathology results were consistent with benign cystic contents.

Conclusion: Appropriate diagnosis and timely surgical gynecological intervention allowed this pediatric patient to salvage and preserve ovarian function.

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Biography

Katie P Nguyen is a Physician from California. She attended University of California, Los Angeles where she obtained her bachelor of science in psychobiology. She earned her medical degree from Michigan State University, College of Human Medicine and is currently completing her residency training in family medicine at Riverside Community Hospital in Riverside, California. She is pursuing further training in women's health and Surgical Obstetrics. She has a particular interest in Women's health, Prenatal care, Obstetrics, Pediatrics, Adolescent Medicine, and Preventative Medicine. Her focus is bridging the care gap for underserved communities and vulnerable populations.

katie.n.md@gmail.com