

Isolated Torsion of Fallopian Tube in a 12-Year-Old Premenarcheal Girl; A Case Report

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Abstract

Introduction: Isolated torsion of the fallopian tubes is a rare condition. Although, it can occur at all ages, it is mostly observed during reproductive ages. Early diagnosis and urgent management of the condition is crucial to preserving the tube.

Case Report: A 12-year-old premenarcheal girl presented with a sudden, severe right-sided lower abdominal pain. The pain had begun 24 hours earlier. The girl had nausea and vomiting. Abdominal examination revealed tenderness in the right lower quadrant with no palpable mass. Pelvic ultrasound showed a right adnexal mass measuring 65×35 mm and containing dense and cystic tissues with simple appearance. At laparotomy, an isolated twist of the right fallopian tube with necrosis was found, leaving no choice other than salpingectomy. Menstruation began one week following surgery.

Conclusion: Isolated torsion of the fallopian tube should be considered in the differential diagnosis of acute abdominopelvic pain in premenarcheal adolescent girls. Prompt surgical intervention is necessary to preserve the fallopian tube.

Keywords: Abdominal pain, Adnexal, Fallopian tube, Menarche, Torsion, Uterine appendages,

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