

## عنوان مقاله:

A Case-Series on Clinical and Surgical Findings of Ovarian Torsion

## محل انتشار:

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## خلاصه مقاله:

**Background:** Ovarian torsion (OT) is a common gynecological emergency. Clinical presentation is nonspecific, and diagnosis is based on a high index of suspicion. Current recommendations strongly are based on ovarian support.  
**Objectives:** To assess clinical findings and therapeutic approach of patients diagnosed with OT.  
**Materials and Methods:** In this retrospective study 104 patients with confirmed OT in surgery were investigated. Clinical symptoms, laboratory indices, ultrasonography finding, and therapeutic approach were collected from hospital records of patients from 2001 to 2021.  
**Results:** The mean age of patients was  $34.7 \pm 14.1$  years old. The mean duration from hospitalization to surgery was  $6.4 \pm 3$  hours. The most common symptom in patients was abdominal pain (100%) followed by nausea and vomiting (76.9%). Ovarian cyst (71.2%) was the most gynecologic etiology of OT. Local tenderness (92.3%) and rebound tenderness (46.2%) were the most prevalent sign in physical examination. Necrotic ovary was found in 60 patients (57.7%) at surgery. Detorsion was possible in only 26 patients (25%).  
**Conclusion:** This study revealed that most objective findings in patients were nondifferential. The majority of patients with OT were in the reproductive ages, but just one fourth of them treated with conservative management

## کلمات کلیدی:

Ovary, Laparotomy, Ovarian torsion, Ovarian cysts

