

## Images in clinical medicine



# Isolated fallopian tube torsion in pediatric age: a serious cystadenoma presented as a twisted hydrosal-pinx

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**Isolated fallopian tube torsion in pediatric age: a serious cystadenoma presented as a twisted hydrosal-pinx**

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## Image in medicine

Tumors of the fallopian tubes are rare in general, and they are the rarest tumors of the female genital tract. Serous cystadenoma is extremely rare and only a few cases are reported. We report the first exceptional serous cystadenoma of the fallopian tube, presented as a twisted hydrosalpinx. We aimed to describe this rare presentation. A 14-year-old girl was presented to our emergency department for acute abdominal pain for 48 hours. Her gynecological history revealed that she had undergone menarche, had not yet started sexual activities, and had no

documented gynecologic infections. The clinical examination found isolated left pelvic sensibility and zero fever. The ultrasonography suspected a left ovarian torsion associated with a necrotic mass. The computed tomography revealed a twisted fallopian tube associated with a hydrosalpinx (A). Biological assessment did not find any infection (urinary tract infection, white blood cells was normals). She underwent an uneventful surgery. By a mini Pfannenstiel section, we found a voluminous necrotic mass of the left fallopian tube, twisted (B). Both ovaries had a normal macroscopic aspect (C). She was discharged on day 2 with a good recovery. Histologic study revealed a serous cystadenoma.



**Figure 1:** A) computed tomography showing a twisted fallopian tube associated with a hydrosalpinx; B) a voluminous necrotic mass of the left fallopian tube, twisted; left ovary has a normal aspect; C) macroscopic aspect of the right ovary: normal