Endosalpingiosis of the Right Ovary

Corresponding Author:
Dr. Hae-hyeog Lee,
Chief, Obstetrics and Gynecology. Soonchunhyang University Bucheon Hospital, 1174 Jung-1-dong, Wonmi-gu, 420-767 - Korea, South

Submitting Author:
Dr. Hae-hyeog Lee,
Chief, Obstetrics and Gynecology. Soonchunhyang University Bucheon Hospital, 1174 Jung-1-dong, Wonmi-gu, 420-767 - Korea, South

Article ID: WMC003166
Article Type: Images in Clinical Radiology
Submitted on: 16-Mar-2012, 10:40:54 PM GMT  Published on: 19-Mar-2012, 07:08:14 AM GMT
Article URL: http://www.webmedcentral.com/article_view/3166
Subject Categories: ENDOSCOPY
Keywords: Endosalpingiosis, Right Ovary

How to cite the article: Kim T, Lee H, Chung S, Lee W. Endosalpingiosis of the Right Ovary. WebmedCentral ENDOSCOPY 2012;3(3):WMC003166

Copyright: This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Source(s) of Funding:
No funding

Competing Interests:
No competing interests
A 49-year-old G5, P2 woman was referred from a local clinic because of an ovarian mass. She had been suffering from vaginal spotting and underwent diagnostic curettage at the clinic.

The patient had intermittent pelvic pain. On ultrasonography, the left ovary was normal and the right ovary showed a mixed solid echogenic mass measuring 6.3×5.2 cm (Fig. 1). At laparoscopy, a right ovarian mass was found and a right oophorectomy was performed (Fig. 2). The pathology revealed endosalpingiosis in the right ovary and no pathology of the salpinx.

Endosalpingiosis is a non-neoplastic disorder of the Müllerian system characterized by the presence of glands lined with ciliated tubal-type epithelium [1]. Surgery or a history of pelvic inflammatory disease (PID) may induce invasion of the tubal mucosa [1]. However, endosalpingiosis is also seen in patients with no history of tubal surgery or inflammation, as in our case.

Endosalpingiosis is a rare benign condition; the pathologist and gynecologist might mistake it as a malignancy [2]. No typical image contributing to the diagnosis has been reported. Although endosalpingiosis is benign, there is a report of the rare malignant transformation of endosalpingiosis that had been present for 20 years [3]. Typical diagnostic radiological and operative images of endosalpingiosis have not been reported to aid with the differential diagnosis.
Illustrations

Illustration 1

On ultrasonography, the left ovary was normal and the right ovary showed a mixed solid echogenic mass measuring 6.3×5.2 cm.
Illustration 2

At laparoscopy, a right ovarian mass was found and a right oophorectomy was performed.
Disclaimer

This article has been downloaded from WebmedCentral. With our unique author driven post publication peer review, contents posted on this web portal do not undergo any prepublication peer or editorial review. It is completely the responsibility of the authors to ensure not only scientific and ethical standards of the manuscript but also its grammatical accuracy. Authors must ensure that they obtain all the necessary permissions before submitting any information that requires obtaining a consent or approval from a third party. Authors should also ensure not to submit any information which they do not have the copyright of or of which they have transferred the copyrights to a third party.

Contents on WebmedCentral are purely for biomedical researchers and scientists. They are not meant to cater to the needs of an individual patient. The web portal or any content(s) therein is neither designed to support, nor replace, the relationship that exists between a patient/site visitor and his/her physician. Your use of the WebmedCentral site and its contents is entirely at your own risk. We do not take any responsibility for any harm that you may suffer or inflict on a third person by following the contents of this website.