

Jana Publication & Research

Squamous Cell Carcinoma Arising in an Ovarian Mature Cystic Teratoma: A Case Report and Review of the Literature

 VRC14

Document Details

Submission ID

trn:oid:::2945:338528110

1 Page

Submission Date

Dec 20, 2025, 12:18 PM GMT+5:30

223 Words

Download Date

Dec 20, 2025, 12:19 PM GMT+5:30

1,293 Characters

File Name

IJAR-55306.pdf

File Size

587.8 KB

37% Overall Similarity

The combined total of all matches, including overlapping sources, for each database.

Filtered from the Report

- ▶ Bibliography
- ▶ Quoted Text

Match Groups

-  **8** Not Cited or Quoted 37%
Matches with neither in-text citation nor quotation marks
-  **0** Missing Quotations 0%
Matches that are still very similar to source material
-  **0** Missing Citation 0%
Matches that have quotation marks, but no in-text citation
-  **0** Cited and Quoted 0%
Matches with in-text citation present, but no quotation marks

Top Sources

- 31%  Internet sources
- 35%  Publications
- 23%  Submitted works (Student Papers)

Match Groups

-  8 Not Cited or Quoted 37%
Matches with neither in-text citation nor quotation marks
-  0 Missing Quotations 0%
Matches that are still very similar to source material
-  0 Missing Citation 0%
Matches that have quotation marks, but no in-text citation
-  0 Cited and Quoted 0%
Matches with in-text citation present, but no quotation marks

Top Sources

- 31%  Internet sources
- 35%  Publications
- 23%  Submitted works (Student Papers)

Top Sources

The sources with the highest number of matches within the submission. Overlapping sources will not be displayed.

Rank	Type	Source	Percentage
1	Internet	www.wjpmr.com	9%
2	Internet	insights.ovid.com	7%
3	Internet	www.joplink.net	5%
4	Internet	www.ecronicon.com	5%
5	Internet	www.dovepress.com	4%
6	Publication	&NA;,. "ESGO 18 Meeting Abstracts, Liverpool :", International Journal of Gynecol...	3%
7	Publication	Pei-Fang Lai, Shu-Chiang Hsieh, Jerry Chin-Wei Chien, Chia-Liang Fang, Wing P. Ch...	3%

1 **Squamous Cell Carcinoma Arising in an Ovarian Mature Cystic Teratoma: A Case**
2 **Report and Review of the Literature**

3 **Abstract**

4 **Introduction:**

1 Malignant transformation of a mature cystic teratoma is a rare complication, accounting for 0.2–2%
2 of cases. Squamous cell carcinoma is the most common histological type. This transformation mainly
3 occurs in postmenopausal women and is associated with a poor prognosis when diagnosis is delayed.

4 **Case Report:**

5 We report the case of a 77-year-old patient presenting with a complex adnexal mass revealed by
6 chronic pelvic pain. An initial right adnexectomy revealed a malignant mature cystic teratoma. A
7 second surgical procedure including total hysterectomy, left adnexectomy, and omentectomy
8 revealed a squamous cell carcinoma arising in a teratoma with omental invasion. The tumor was
9 classified as FIGO stage IIIB. The patient received five cycles of platinum-based chemotherapy
10 combined with bevacizumab. The outcome was unfavorable, marked by death following a massive
11 pulmonary embolism during intensive care admission.

12 **Conclusion:**

13 This case highlights the diagnostic and therapeutic challenges of malignant transformation of mature
14 cystic teratomas, which are rare but aggressive entities requiring multidisciplinary management.
15 Molecular sequencing may offer new therapeutic perspectives.

16 **Keywords:**

17 Mature cystic teratoma – Malignant transformation – Squamous cell carcinoma – Ovarian tumor –
18 Bevacizumab – FIGO IIIB

19