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**Manuscript NO:** 57870

**Manuscript Type:** ORIGINAL ARTICLE

*Observational Study*

**Clinical characteristics of perineal endometriosis: A case series**

Yan Liang, Duo Zhang, Ling Jiang, Yuan Liu, Jian Zhang

## Abstract

### BACKGROUND

The prevalence of perineal endometriosis (PEM) is low among women with endometriosis (EM) treated by surgery. It manifests as hard or cystic nodules with pain in the perineal wounds and surrounding areas. Implantation theory is regarded as the main pathogenesis of PEM. There are few clinical researches studying the incidence and clinical characteristics of PEM. This study aims to summarize the clinical data of 14 PEM cases and analyze the factors that may be related to the incubation period and

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## [The clinical characteristics and surgical approach of scar ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6087557>

Scar endometriosis can be clinically misdiagnosed as hernia, lipoma, or hematoma. Here we retrospectively analyzed the clinical aspects of scar endometriosis and surgical approach in 14 patients from a tertiary hospital, who were treated by surgery, between 2012 and 2017. The mean age was  $32.71 \pm 8.61$  years (range: 19–45).

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Author: Faik Tatli, Orhan Gozeneli, Hacer Uyanik...

Publish Year: 2017

## [Abdominal and perineal scar endometriosis: Retrospective ...](#)

<https://www.sciencedirect.com/science/article/pii/S0301211520304292>

Sep 01, 2020 · We confirmed 26 women with AWE from 860 cases with endometriosis (3,0 %) and 14 patients with perineal endometriosis (1,6 %). The mean age of Group I was  $36,5 \pm 3,4$ , in contrast with Group II in which mean age was  $32,5 \pm 2,9$  respectively (). Table 1 shows the outcomes of baseline pathological and surgical characteristics of patients with AWE and perineum scar endometriosis.

Author: Michail Matalliotakis, Michail Matalliot...

Publish Year: 2020

## [Perineal Endometriosis: A Rarity](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6314099>

A clinical diagnosis of episiotomy scar endometriosis was considered. On transperineal ultrasonography, a focal hypoechoic lesion with small cystic spaces was noted in the subcutaneous plane of the right perineal region [ Figure 1 ], measuring  $3.0 \text{ cm} \times 2.8 \text{ cm} \times 3.2 \text{ cm}$ , and a possible diagnosis of perineal endometriosis stated.

Author: Reddy Ravikanth

Publish Year: 2018

## [Abdominal and perineal scar endometriosis: Retrospective ...](#)

<https://www.sciencedirect.com/science/article/abs/pii/S0301211520304292>

All cases with perineal scar endometriosis were multiparous and delivered vaginally with episiotomy. 92,8 % of patients presented with cyclical pain and swelling. 3 cases suffered from perineal endometriosis combined with pelvic endometriosis. There was a recurrence of perineal endometriosis in 2 women (14,2 %).

Author: Michail Matalliotakis, Michail Matalliot...

Publish Year: 2020



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Patients were divided into the gonadotropins releasing hormone (GnRH) agonist group and non-GnRH agonist group. The main clinical symptom was **vulvar painful swellings related to menstrual cycles**.

Thirty-three patients' lesions (94.29%) were on the episiotomy scar while 1 ...

**Author:** Yu Liu, Ruyu Pi, Hong Luo, Wei Wang, Xi... **Publish Year:** 2020

## Perineal groove in female infants: A case series and ...

<https://onlinelibrary.wiley.com/doi/10.1111/pde.13311>

Oct 11, 2017 · A retrospective study of female infants diagnosed with a **perineal** groove was performed, demographic **characteristics** and **clinical** features were analyzed, and a photographic review was conducted. Results. Five patients with **perineal** groove were observed in our clinic in 2015-16. The mean age was 14 months.

**Cited by:** 8 **Author:** Maria Garcia-Palacios, Roberto Mendez-Ga...

**Publish Year:** 2017

## The clinical characteristics and surgical approach of scar ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6087557>

Nov 14, 2017 · Clinically, scar endometriosis is **difficult to diagnose**, but **several symptoms commonly occur, including cyclic pain during menstruation [15] and swelling in the pelvic region**. Similarly, most of our patients had been referred to the hospital due to their complaints of ...

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## Abdominal and perineal scar endometriosis: Retrospective ...

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Sep 01, 2020 · All cases with perineal scar endometriosis were **multiparous and delivered vaginally with an episiotomy**. The majority of women (92,8 %) presented with complaints of cyclical pain and swelling. Finally, 3 patients suffered from perineal combined with pelvic endometriosis. There was a recurrence of perineal endometriosis in 2 women (14,2 %). Comment

**Author:** Michail Matalliotakis, Michail Matalliota... **Publish Year:** 2020

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**Author:** Yu Liu, Ruyi Pi, Hong Luo, Wei Wang, Xi... **Publish Year:** 2020

### [Perineal Endometriosis in an Episiotomy Scar: Case Report ...](#)

<https://journals.sagepub.com/doi/abs/10.5301/JE.2012.9410>

Jul 17, 2012 · Perineal endometriosis is a rare disease characterized by the **presence of ectopic endometrial stroma and glands in the perineum**. Most commonly observed in the episiotomy scar after normal vaginal deliveries, perineal endometriosis is not often considered in the differential diagnosis of perineal masses.

**Cited by:** 1 **Author:** Teresa Tam, Stella Huang

**Publish Year:** 2012

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**Publish Year:** 2017

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