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Title: A RARE CASE OF CAESEREAN SCAR ENDOMETRIOSIS AND ITS APPROACH



INTRODUCTION

Endometriosis is defined as the presence of endometrial glands and stromal tissue outside the uterus, which is estrogen dependent. It is second most common benign gynecological condition.

This causes chronic inflammatory process, As a result, it facilitates the release of prostaglandins from superficial lesions.

Caesarean scar endometriosis is a uncommon surgical complication is seen to be on the rise, in parallel with the considerable increase of caesarean sections performed worldwide.

INCIDENCE

Scar endometriosis is 0.3 to 1.0%, caesarean scar endometriosis 0.03 to 1.7%

OBJECTIVES

To present a rare case of caesarean scar endometriosis, to discuss the pathogenesis and symptomology to present the management condition.

CASE REPORT

A 30 years lady G2P1L1 with

21weeks 3days GA. She had previous LSCS in 2021 for Cephalopelvic disproportion. Post delivery after 3 months her menstruation resumed with normal flow but later small swelling at caesarean section scar which gradually increased in size over a period, she had cyclical pain at scar site 3-4days prior to menstrual cycle and subsided as menstruation stopped. Later she was presented to OPD with 8 weeks of amenorrhea and UPT positive, advised USG

CASE REPORT

abdomen & pelvis diagnosed with 6 weeks 5 days
Gestational age, with SCAR
ENDOMETRIOSIS of size
1.54x1.95CM. Advised
continued pregnancy with
close follow-up. She came to
Surabhi OPD with 36weeks
gestational age with scar
endometriosis of 4x3cms.

TREATMENT

Further caesarean done in view of uncontrolled PIH in which while exploring left side of midline in Pfannenstiel incision blackish tissue of 5x4cms size was identified.

Abnormal tissue was excised and sent for HPE study.

Microscopy shows endometrial stroma & occasionally endometrial glands.



DISCUSSION

Endometriosis is glands and

stroma of the uterus grows in an aberrant heterotopic location. The pathogenesis of endometriosis is complex and CSE is believed to be the result of a mechanical iatrogenic implantation, through the fascia and/or subcutaneous tissue with endometrial cells during surgical intervention, which upon stimulation by estrogen, becomes active and expand. The Esquivel Triad comprised of a palpable mass, cyclic pain and a history of LSCS is diagnostic of CSE.



CONCLUSION

A thorough history and physical examination should always be performed in addition with help of imaging techniques and biopsies. Wide excision is the treatment of choice, HPE should be done to rule out rare possibilities of malignant transmission, follow up recommended.

REFERENCES

Purbadi S, Purwoto G, Winarto H, Case report: Caesarean scar endometriosis – a rare entity: Int J Surg Case Rep, 2021; 85; 106204 Esquivel-Estrada V, Briones-Garduno JC, Mondragon-Ballesteros R. Endometriosis implant in caesarean section surgical scar. Cir. 2004; 72: 113-5