Original Research Paper

Volume - 14 | Issue - 07 | July - 2024 | PRINT ISSN No. 2249 - 555X | DOI : 10.36106/ijar

Obstetrics & Gynaecology

SCAR ENDOMETRIOSIS – A CASE REPORT

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KEYWORDS :

INTRODUCTION

Scar endometriosis, also known as incisional endometriosis is defined as presence of functional and morphological endometrial glands and stroma outside the uterine cavity. The incidence is about 0.03 to 0.6%. It is a rare complication of surgical procedures, particularly those involving the uterus, such as caesarean section, or other pelvic surgeries. Most common theory being the iatrogenic implantation of the endometrial tissue in the suture line during surgery.

Aims And Objectives:

The aim focuses on three main aspects. Clinical characteristics, diagnostic approaches and treatment outcomes.

MATERIALS AND METHODS:

Presenting a case of 32 year old female who had undergone an uncomplicated caesarean section 2 years back. She presented to our OPD with complaining of cyclic pain, bleeding and presence of nodular mass at the scar site.

The pain gradually worsens over past 6 months coinciding with her menstrual cycles. Physical examination revealed a tender palpable mass of 3cms in diameter at the scar site. A provisional diagnosis of scar endometriosis was made based on clinical history and examination findings. Further investigations were performed to confirm the Diagnosis . USG revealed hypoechoic mass within the scar.

RESULTS:

Management: patient underwent complete excision of scar nodule including a margin of healthy tissue. Histopathological examination of the specimen confirmed presence of endometrial tissue. Patient reported significant improvement in Pain symptoms during her follow up visits.

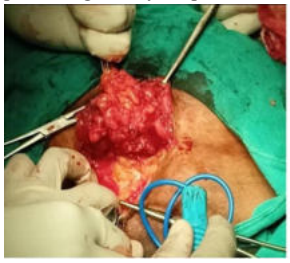
DISCUSSION:

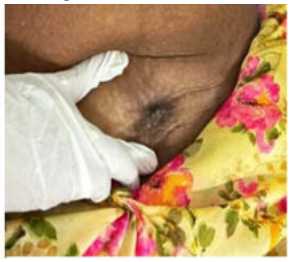
Scar endometriosis is a rare entity that can be challenging to diagnose , presents in women who have undergone a previous abdominal or pelvic surgeries.

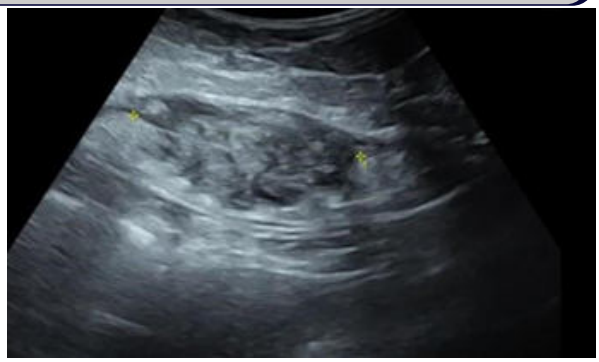
The incidence being about 0.03 to 0.6%.Many theories as to the cause of scar endometriosis have been postulated, however the most generally accepted theory is the iatrogenic transplantation of endometrial implantation to the wound edge during surgery.

CONCLUSION:

This case report provides valuable insight into the clinical presentation, diagnostic evaluation and surgical management of scar endometriosis as a potential differential diagnosis in individuals presenting with cyclic pain or nodules at surgical scar site.







REFERENCES:

1. American College of Obstetricians and Gynecologists, "Practice bulletin no. 114: management of endometriosis," Obstetrics & Gynecology, vol. 116.
2. M. Mistrangelo, N. Gilbo, P. Cassoni et al., "Surgical scar endometriosis," Surgery Today, vol. 44, no. 4, pp. 767-7722014.