



Introduction:

De novo primary ovarian abscess within an endometrioma in the absence of a risk factor is rare with an incidence of around 17%.

Aims and objectives:

- Best possible management of ovarian abscess from infected endometrioma
- Challenge of preserving fertility in a woman desirous of a future pregnancy.

Materials and methods :

36 yr old nullipara presented with high fever and pelvic pain for 5 days. No history of chronic pelvic pain, painful defecation, dyspareunia or irregular menses.

Evaluation revealed Pulse 98/min, BP 110/70 mm Hg, and temperature 103 F with 12 hrly fever spikes, no abdominal muscle guarding or rigidity.

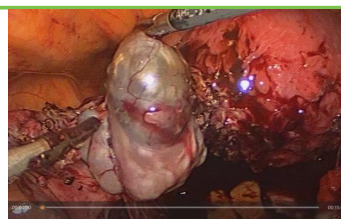
Investigations:

- TLC 44,000
- CRP 450
- USG - left adnexal mass of 9 x 7cm, hemorrhagic in nature.
- CT abdomen - Endometrioma with bilateral kissing ovaries adherent to posterior surface of uterus and no pelvic collection.

Procedure :

- Following 5 days of empirical antibiotic patient had improved clinically with reduction sepsis parameters.
- Laparoscopic adhesiolysis and ovarian cystectomy done.
- Fluid aspirated from cyst was mainly chocolate colour with some whitish pus and developed a growth of Morganella in culture.

Postoperatively, patient showed significant clinical improvement and improved lab parameters. She was discharged on postoperative day 4 in a stable condition with Inj Leuprolide depot 11.75 given IM



Discussion:

Compared to laparotomy, laparoscopy has the advantage of lesser postoperative pain and faster recovery. Challenge is selection of appropriate time window for surgical intervention to remove the infective focus.

Conclusion:

Appropriate surgical intervention in a case of infected chocolate cyst can rapidly alter the course of ongoing sepsis.

References:

1. H Aisha, M Vaishali, S. Prabha. A rare case of de novo gigantic ovarian abscess within an endometrioma. Yale J Biol Med. 2010 Jun; 83(2): 73-75
2. El Toukhy T, Hanna L. Spontaneous ovarian abscess associated with an endometrioma. J Obstet Gynaecol 2007; 27: 328-329.