

RUPTURED CORPUS LUTEUM CYST

(A Case Report)

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The corpus luteum cyst occasionally ruptures, results in intraperitoneal haemorrhage and often produces a difficult problem in the differential diagnosis of an ectopic pregnancy. Reports in literature collaborate the common features of a rupture of corpus luteum cyst and an ectopic pregnancy.

CASE REPORT

Mrs. N., 20 year old, married since 2 years was admitted as an emergency case at a private hospital on 21-3-1981 with a history of severe pain in the abdomen and vomiting. There was no history of amenorrhoea or any vaginal bleeding. There was no other relevant history available. Her menstrual cycles were normal, with the last menstrual period 16 days back.

Her general condition was fair, pulse 108 per minute, blood pressure 110/70 mm of Hg, temperature normal. There was mild pallor.

An abdominal examination showed marked tenderness in the lower abdomen with guarding. There was no distension. No palpable lump was felt per abdomen. Peristalses were well heard.

On vaginal examination, the cervix was downwards and backwards with tenderness on move-

ment. The uterus was anteverted and ante-flexed. was normal in size. There was fullness in the right fornix with a mass about the size of 5 cms x 5 cms. There was tenderness in the fornices.

Her haemoglobin was 10 gm%. Blood Group A +ve.

With a provisional diagnosis of a ruptured ectopic pregnancy, an exploratory laparotomy was performed. 300 ml of blood and 40 gms of clots were removed from the peritoneal cavity. The uterus was normal in shape and size. The left tube and ovary were normal, as also the right tube. The right ovary was enlarged 5 cms x 4 cms in dimension. The ruptured corpus luteum was easily recognizable as a dark reddish mound rising above its posteromedial surface. Intensely injected blood vessels were seen converging towards the haemorrhagic corpus.

Salpingo-oophorectomy was done on the right side and the stump covered by the round ligament. Plication of the round ligament was done on the left side.

The post-operative period was uneventful. The patient was discharged from the hospital on the 10th day.

Summary

A case report of haemorrhage due to rupture of corpus luteum cyst has been discussed.

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