

# PRIMARY OVARIAN PREGNANCY

(A Case Report)

## Management with Ovarian preservation

by

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Primary ovarian pregnancy is an extremely unusual form of ectopic gestation, occurring in 1 in 25,000 to 52,833 pregnancies.

The first and the only case that we have come across in the G.R. Medical College, Gwalior, during the last 7 years, is reported here.

### CASE REPORT

Mrs. R. D. aged 17 years was admitted in the female medical ward of Kamla Raja Hospital Gwalior, for pain in abdomen and a period of amenorrhoea of 10 days. There was no history of vaginal bleeding and previous menstrual cycles were normal. She was referred to Gynaec. ward for check up. She was nulliparous and she was married only six months back.

On examination, she was anaemic and had marked pallor. Pulse rate 120/min., B.P. 90 mm Hg. systolic. Temperature was normal. Physical examination of different systems revealed no abnormality except that there was guarding and rigidity in the whole of the lower abdomen.

On vaginal examination, cervix pointed forwards, uterus was retroverted, just bulky, soft. There was tenderness in both fornices but more

marked in the left fornix. Cervical movements were tender. Needling was done and old dark clotted blood was drawn. Her haemoglobin was 40%.

She was taken for laprotomy under general anaesthesia. Abdominal cavity was full of blood and old blood clots. Uterus was slightly bulky and both tubes were identified and were found to be normal. Left ovary was found to be enlarged and there was a haemorrhagic area 1-2 cm. at one place to which was a small sac like tissue attached and on careful examination it appeared to be the gestational sac which had ruptured and was bleeding. A wedge resection was done and the rent in the ovary was sutured with eyeless chromic catgut 4 (0) sutures. Right ovary was normal. 900 cc of blood group B Rh + ve were given during the operation. The postoperative period was uneventful and the patient was discharged on 10th post operative day.

### Gross appearance of the specimen:

Specimen consisted of cut opened oval brownish coloured mass. It measured 2.5 x 1 cm. The outer surface was smooth, the inner surface (cavity) consisted of friable blood clot material.

Microscopic examination: Section reveals products of conception surrounded by ovarian cortical structure.

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