

BRENNER TUMOUR OF OVARY ASSOCIATED WITH MUCINOUS CYSTADENOMA

(A Case Report)

by

A. K. GOURIKUTTY *

and

C. K. RAJAGOPALAN**

The association of Brenner tumour and mucinous cystadenoma is widely accepted. A case of Brenner tumour associated is reported below.

CASE REPORT

Mrs. M aged 45 years was admitted to District Hospital, Palghat on 9-8-80 for swelling of abdomen following 5 months' amenorrhoea. She was married since 25 years and had only 1 delivery 16 years before; the baby died 15 days later. She was having regular cycles till 5 months before.

On examination, the patient was anaemic and ill nourished. There was a swelling about 30 weeks pregnant size in the abdomen. It was tense and cystic. On vaginam examination, the uterus was of normal size and pushed to the right. The swelling could be felt through anterior and left fornices. A provisional diagnosis of ovarian tumour was made. Since her general condition was poor, blood transfusion and haematinics were given.

*Asst. Surgeon, Dist. Hospital, Palghat.

**Civil Surgeon, Dist. Hospital, Palghat
678 001, Kerala.

Accepted for publication on 27-4-81.

On 8-9-80 laparotomy was done under spinal anaesthesia. The left ovary was the seat of the tumour which had undergone torsion and become adherent to omentum and intestines. The right ovary appeared normal. The adhesions were separated left salpingo-oophorectomy was done. Since general condition of the patient was poor, hysterectomy was not performed. One bottle of blood was given during operation. Post-operative period was uneventful and the patient was discharged home on 24-9-80.

Externally smooth, inner aspect was multi-loculated. Cystic in places, sessile papillary formations and solid areas are also seen. Solid areas on cutting showed fibrous and cystic spaces with mucinous material.

Microscopically sheets of epithelial cells and concentration of mesenchymal tissue surrounding epithelial islands was seen. The epithelial cells showed nuclei with longitudinal grooving (Coffee-bean, puffed wheat appearance. Fig. 1). Other areas showed columnar mucin secreting cells (Fig. 2). No evidence of malignancy detected. Overall appearance is suggestive of Brenner tumour of ovary associated with mucinous cystadenoma.

See Figs. on Art Paper V