

Primary Carcinoma of Fallopian Tube with Cribriform Hymen

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Introduction

Primary carcinoma of Fallopian tube is a rare genital malignancy. One such case associated with cribriform hymen is described here.

Case Report

Mrs. M. D., a 40 years old Hindu female was admitted to the Department of Obstetrics and Gynaecology, S.C.B. Medical College and Hospital, Cuttack in 1995 January, with complaints of pain in lower abdomen, hydrorrhoea – 2 years and vulval itching – 2 years.

She was nulliparous with primary infertility of 20 years with normal menstrual cycles. Abdominal examination revealed a cystic mass about 10 cm x 10 cm extending from the suprapubic region to the right iliac fossa. There was no clinical ascitis. Per speculum examination revealed a cribriform hymen. Per rectal examination showed a retroverted uterus of normal size and a cystic elongated mass to the right.

Ultrasonogram of abdomen and pelvis showed a Rt. sided cystic mass 7.5cm x6.5 cm and a left T.O. mass with an U.S.G. diagnosis of endometriosis / ovarian malignancy. Results of haematological and biochemical investigations were within normal limits. Chest X-ray was normal. Cervical cytology showed inflammatory pattern.

Hymenectomy and EUA was done in the 1st sitting and a provisional diagnosis of right hydrosalpinx was made.

On laparotomy, a retort shaped mass of 10 cm x 8 cm x 6 cm arising from the right tube was found with adhesions to gut and the posterior wall of uterine body. The right ovary was adherent to the uterine body. The left tube and ovary were normal.

There was no free fluid. Cut section of right Fallopian tube showed two cauliflower growths in its ampullary part. The liver, gall bladder and G.I. tract were free from disease. Total hysterectomy with bilateral salpingo-oophorectomy and infracolic omentectomy was done.

Histopathology of the specimen revealed serous cystadenocarcinoma of right Fallopian tube. The left tube, the ovaries, the endometrium and the endocervix were healthy and showed no malignant deposits.

The post operative period was uneventful. The patient was given 6 cycles of teletherapy and chemotherapy.

At present she is healthy and shows no evidence of the disease. Primary Fallopian tube carcinoma in early stages shows high 5 years survival with primary surgery followed by adjuvant chemotherapy and radiotherapy.