

17. Heterotopic Ectopic pregnancy

Heterotopic pregnancy is a rare complication of pregnancy in which both extra-uterine (ectopic pregnancy) and intrauterine pregnancy occur simultaneously. The prevalence of heterotopic pregnancy is estimated at 0.6-2.5:10,000 pregnancies. In natural conceptions, the incidence of heterotopic pregnancy has been estimated to be 1 in 30 000 pregnancies. Extrauterine pregnancies are non-viable and can be fatal to the mother if left untreated. The mortality rate for the extrauterine pregnancy is approximately 35%.

A 22 years old female patient got admitted at Parul Sevashram Hospital with sudden Onset of severe pain in abdomen with unconsciousness with history of 2 months of amenorrhea.

Patient developed sudden abdominal pain & unconsciousness at home-was taken to general hospital and was diagnosed as having 2 months Intra-Uterine pregnancy confirmed by ultra sonography and then was referred to Parul Sevashram hospital considering acute surgical emergency.

So patient was brought to the casualty department of Parul Sevashram hospital. On examination, patient was found to have cold clammy extremities, fast and thready pulse of 140/min. and blood pressure was 80/50 mmhg. On per abdominal examination, It was found that tenderness and guarding both were present over lower abdomen and per vaginal examination suggested 8 weeks pregnancy with tenderness and dark red vaginal discharge. Patient was immediately sent for sonography. Sonography which suggested 8 weeks intrauterine pregnancy with extra uterine blood clot and immediately findings were confirmed by CT scan. Patient was shifted to operation theatre immediately for Emergency laparotomy, On opening abdomen, hemoperitoneum was drained and Rt sided Isthmic Tubal Ruptured ectopic gestation was found as cause of Hemoperitoneum. Rt.salpingectomy was performed followed by removal of 8 wk size Intra-uterine foetus by D & E procedure. Both specimen were sent for H.P.E. study to confirm co-existence of Intra-uterine pregnancy with Rt. Tubal Ectopic pregnancy, which later on confirmed the clinical diagnosis of Heterotopic Pregnancy. Pt. was Transfused total 4 units of P.C.V..

