



**Introduction:** Fibroids are benign, monoclonal tumors of smooth muscle of myometrium. As fibroid enlarge, they may outgrow their blood supply which results in cell death. **Materials & methods:** A 35 year old nulliparous woman, married since 1 month, came with complaint of mass per abdomen, dyspepsia, difficulty in breathing, irregular menstrual cycles since 1 year. Patient is stable and general condition is fair.

**Clinical examination:** **P/A:** A mass of 28 weeks size, cystic in consistency, restricted mobility, regular margin, smooth surface, all borders felt except lower border. **P/S :** cervix and vagina appears healthy, **P/V:** cervix drawn upwards, uterus size couldn't be made, cystic mass felt high up in anterior and both- lateral fornices.

**Investigations:** CA-125 ,CEA &LDH-normal. USG and MRI findings showed large complex cystic lesion of size 25x20x17 cms with irregular solid components favouring ovarian neoplasm with arterial and venous vascularity on doppler. Patient was posted for staging laparotomy after taking informed consent. **Intraoperatively,** uterus of 20 weeks size, a mass arising from lateral side of the uterus of size 18x15x12 cms, solid to cystic consistency from broad ligament & over fundal region, left ovary adherent to the mass and can't be separated, cystic fluid of 200 ml aspirated and sent for cytology .TAH and left SO was done and sent for HPE and it shows Atrophied Endometrium , cellular leiomyoma with degenerative features like hyaline and cystic changes & chronic non-specific cervicitis. Left fallopian tube and left ovary : nil particular. Fluid cytology didn't show any malignant cells.

**Conclusion:** Cystic degeneration is a rare form of uterine fibroid that can mimic other pelvic neoplasms from clinical and imaging aspect thus making the preoperative diagnosis challenging. Although it is rare in this age group, it is important to evaluate the every complex cystic mass for degenerated (cystic) fibroid and prevent the complications. **References:** 1)Guleria S, Thakur S, Pathania K. Huge fibroid uterus mimicking an ovarian malignancy. Int J Reprod Contracept Obstet Gynecol 2021;10:3633-5. .2)Prabhu JK, Samal S, Chandrasekar S, Subramani D, Rajamanickam S. A massive degenerative leiomyoma mimicking an ovarian tumor: a diagnostic dilemma. Journal Of Gynecologic Surgery. 2021;37(1) doi: 10.1089/gyn.2020.0118.

