

Giant fibroid in pregnancy a case report

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INTRODUCTION

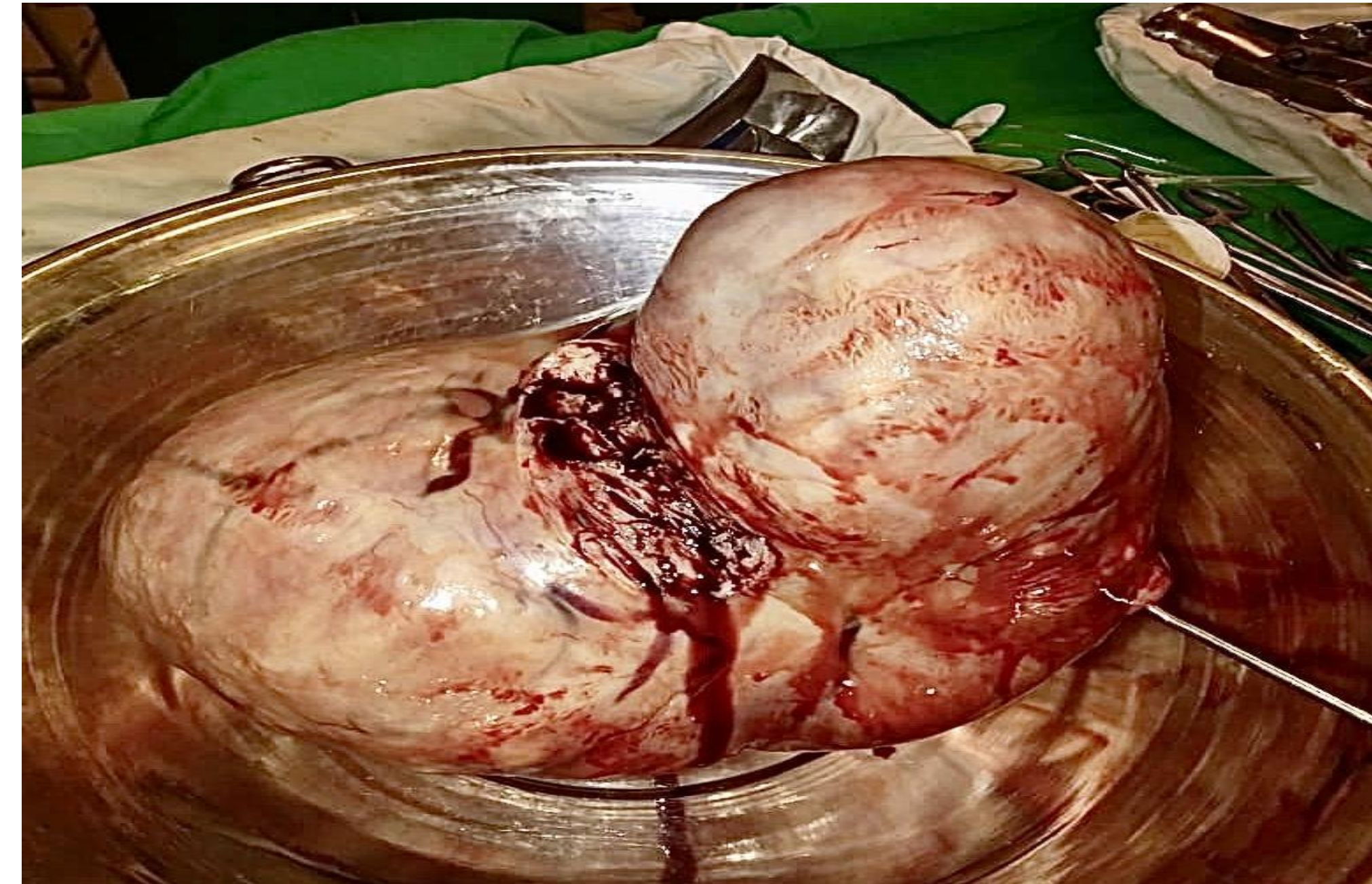
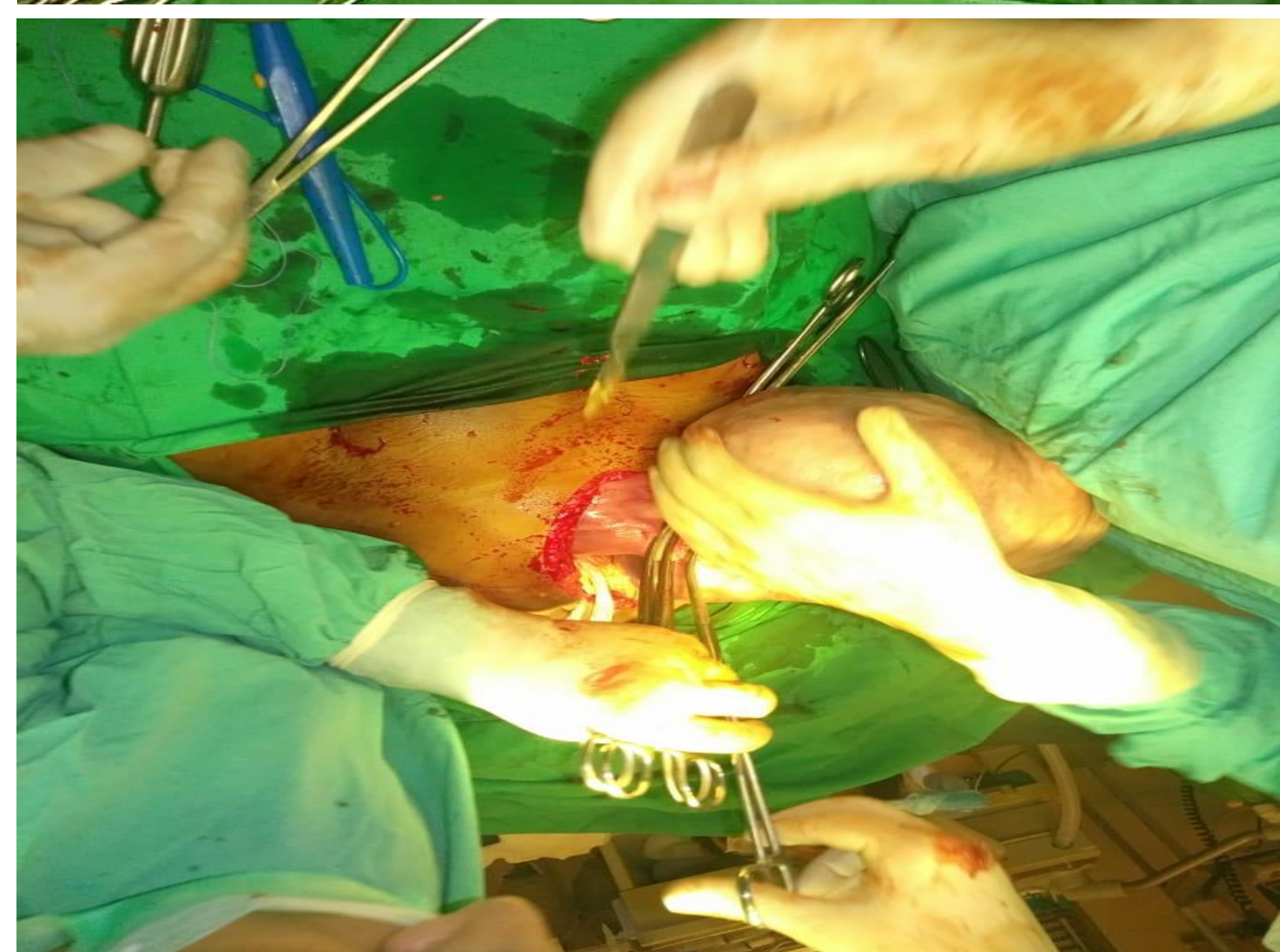
Uterine fibroids are estrogen sensitive non-cancerous tumors of uterine smooth muscle and fibrous connective tissue, they are considered as the most common benign tumors of the female genital tract, most of the fibroids tend to be asymptomatic however they can complicate 1.4% of pregnancies. Fibroids are often diagnosed incident during pregnancy. The following case report discusses the presentation and management of a giant symptomatic fibroid in gravid female.

CASE PRESENTATION

A 28 year old primigravida at 17th week of gestation presented on 11th October 2019 at Creek General Hospital, UMDC, Karachi, Pakistan with the complaint of abdominal mass, gradual abdominal distension, progressive abdominal pain and shortness of breath for a few weeks.

INVESTIGATION

Laboratory analysis : hemoglobin level of 7.0g/d/l. Ultrasound done 14th October 2019 revealed a single alive 17 weeks pregnancy with a subserosal fibroid of 14.4x 13.3 cm arising from the fundus with signs of necrosis



MANAGEMENT

Pre operative : IV Analgesia for pain, blood tranfusion for low hemoglobin, progesterone pessary for fetal support.

Operative : Myomectomy was performed at 17th week gestation and LSCS was performed at 37th week gestation

HISTOPATHOLOGY

Gross: Large mass measuring 18x15x15 in formalin, on serial slicing whorl appearance seen peritoneal fluid was sent for analysis and cytology and was negative for malignancy.

MICROSCOPY: Spindle cells arranged in interlacing fascicles with intervening hyalinized area no nuclear pleomorphism, increased mitosis or necrosis evident

DISCUSSION

The incidence of uterine fibroids in pregnancy would likely increase globally due to delay in childbearing which is more prevalent now due to different factors

CONCLUSION: Our patient delivered at 37th week gestation without any complication despite operative intervention at 17th week gestation. Approximately 10-30% of women develop complications with fibroid in pregnancy. Data of fibroid management in pregnancy can help to plan safe management options

REFERENCE: uterine myoma: case report. Pan African Medical Journal. 2016 Sep 20;24(1)