

Endometriosis: Is it still a Mystery?

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Aim:

To present a rare case of Obstetric endometriotic spontaneous rupture of uterus.

Background:

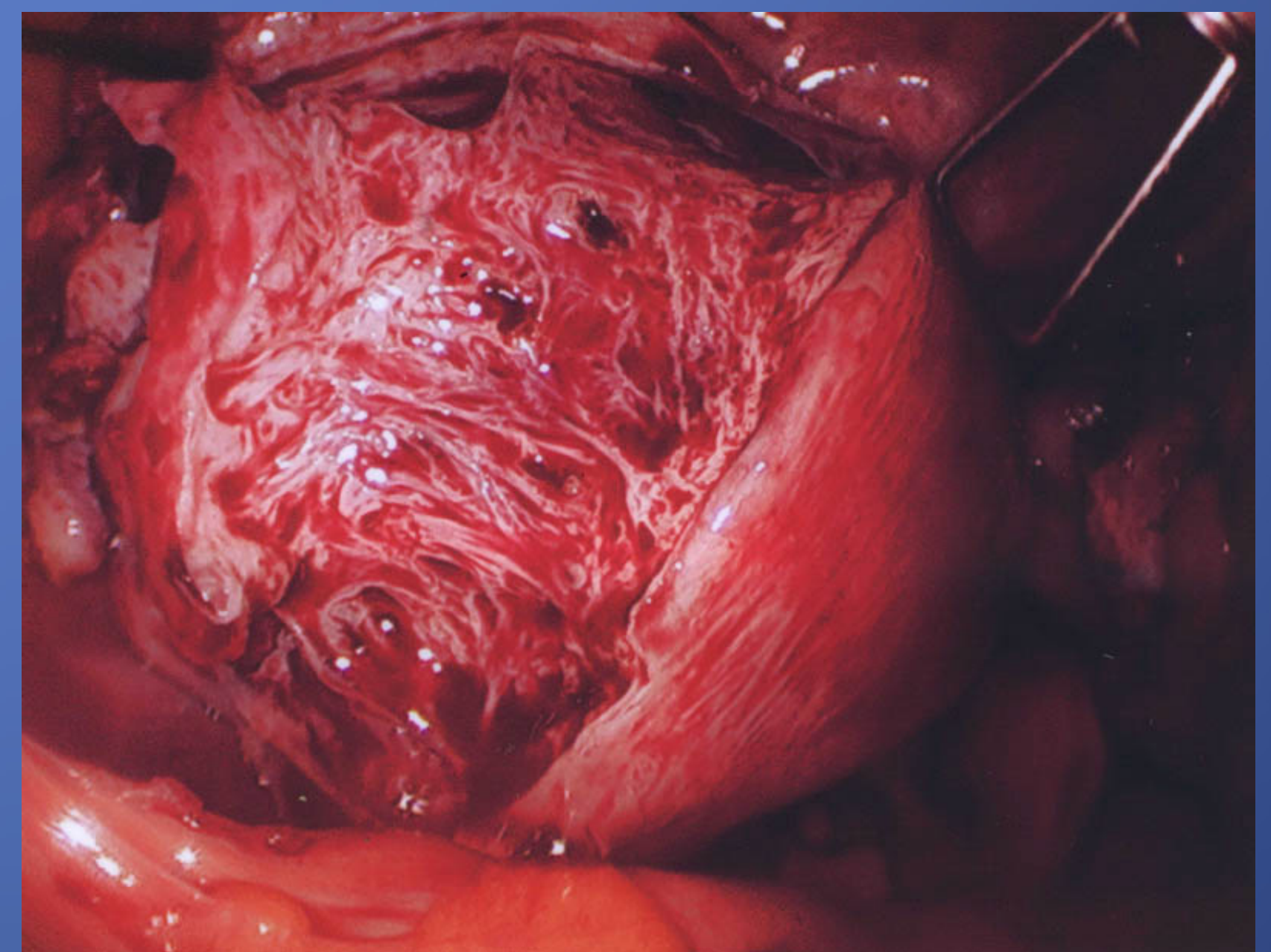
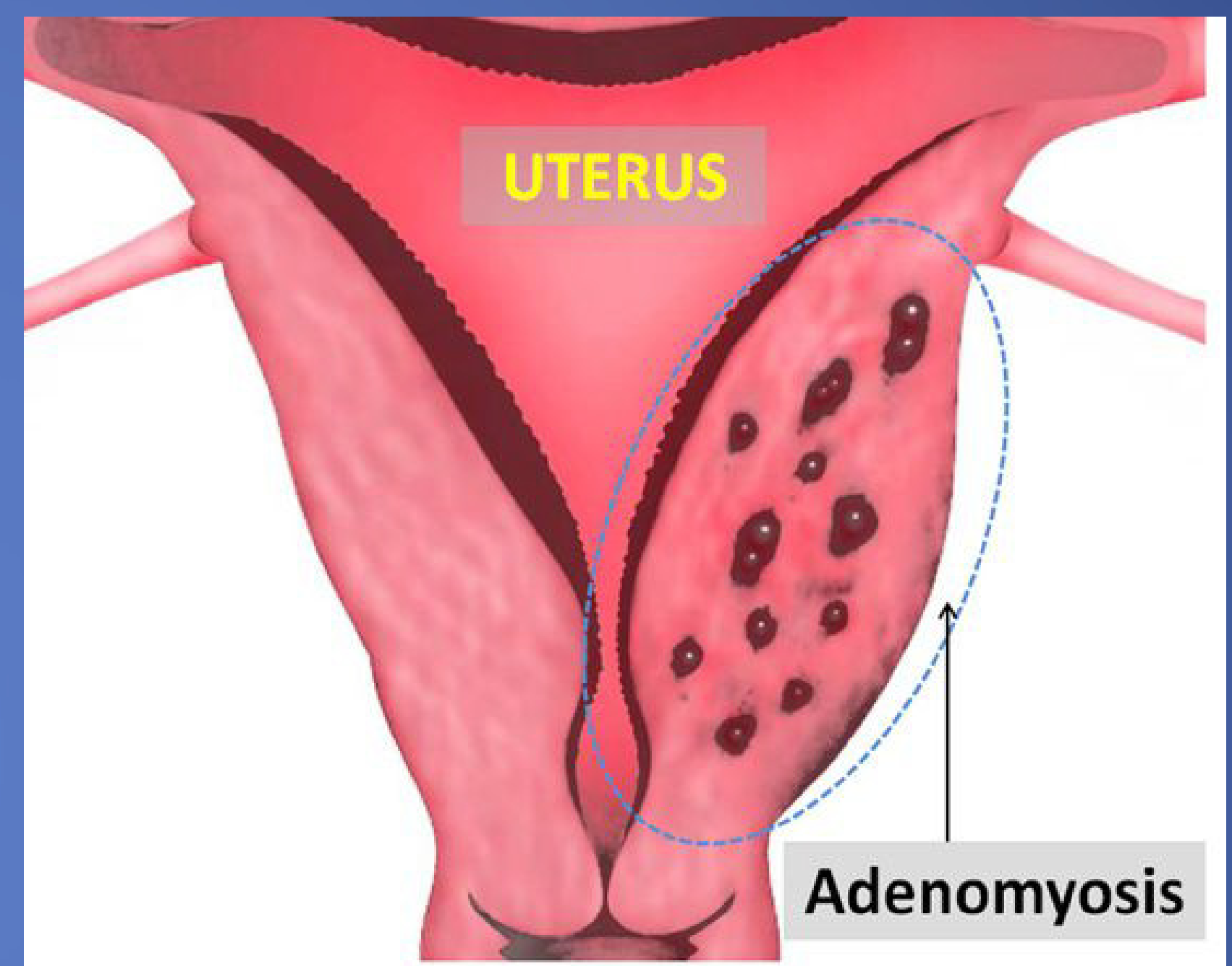
Uterine rupture in labour is known to occur following post surgical scarred uterus. Traditionally, pregnancy was considered to have positive impact on endometriosis and provides symptom relief. However there are growing literature showing Obstetric complications associated with endometriosis. Delay in diagnosis can be fatal to the mother and fetus.

Case report:

A 33yrs old primigravida, at term from natural conception admitted with spontaneous onset of labour. Transferred from Midwife Led Unit to labour ward for slow progress in first stage of labour, soon diagnosed with fetal distress. During emergency Caesarean section, haemoperitoneum was noted on entry. After delivery, uterus exteriorated cautiously, vertical posterior wall lower uterine segment incomplete uterine rupture was noted along with evidence of endometriosis. Vicryl was used for repair of the rupture. Enquiring retrospectively, there is no history of endometriosis.

Discussion:

Modified hormonal milieu poses clinical dilemma due to atypical endometriotic appearance in pregnancy. Endometriosis in pregnancy is shown to cause uterine rupture, spontaneous haemoperitoneum, endometrioma abscess/rupture, and spontaneous bowel/ureter rupture. The scenario can be challenging due to difficulty in diagnosis. Only three similar cases were reported so far. Two antenatal, one immediate postpartum and all were posterior uterine wall rupture and no maternal death. To our knowledge, this is the first case without previous endometriosis history presented as posterior uterine wall rupture in labour. Emerging evidence on effect of endometriosis on pregnancy is seen as an eye opener.



Partial vertical rupture of posterior uterine wall

Conclusion:

Case report of this rare underestimated problem that could result in maternal morbidity and fetal mortality is intended to raise awareness among Obstetricians.



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