

Uterine rupture following a spontaneous vaginal delivery in an unscarred uterus

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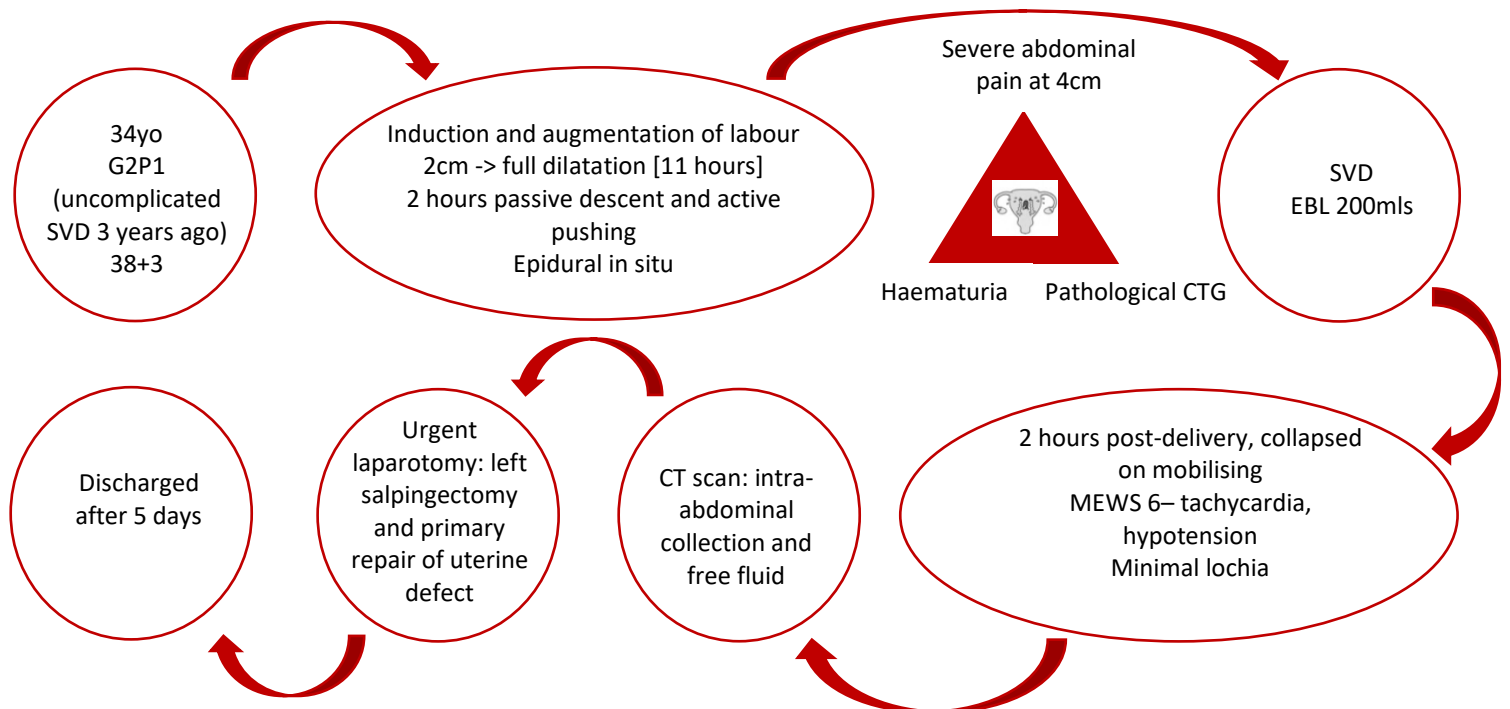
Background

Literature review reports spontaneous rupture of a non-scarred uterus as **1 in 15,000 deliveries**¹.

Objective

To discuss a **very rare case of uterine rupture** following a spontaneous vaginal delivery (SVD) in an **unscarred uterus**.

Case report



Operative findings:

1500mls haemoperitoneum, uterine rupture with 12cm longitudinal defect affecting left side, massive haematoma in uterovesical fold extending to the left broad ligament, left round ligament avulsion and partial detachment of left fallopian tube

Discussion

- **Various risk factors** for uterine rupture in patients with an unscarred uterus
- These include: macrosomia, short interpregnancy interval, post-dates, uterine anomalies, grand multiparity, cephalopelvic disproportion, and uterine trauma (version manoeuvres, **oxytocin stimulation**² and multiple gestations³).
- **Triad of symptoms** of uterine rupture: haematuria, increased pain despite analgesia and CTG concerns

Conclusion

- A non-scarred uterus is **not exempt from uterine rupture**
- **Immediate response and resuscitation** are mandatory in suspected cases, with management led by symptom severity and patient condition

References



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