**A successful delivery after uterine repair following rupture of the uterine body: a case report**

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**Case**

G2P0 35y

Past history

29y Laparoscopic right ovarian cystectomy
33y Uterine rupture at 15 weeks gestation

**Discussion**

Although pregnancy after uterine repair has been previously reported, most of them are related to repair of the lower segment of the uterus, the scar of a cesarean section. In our case, she has previously experienced early rupture of the uterine body that may have occurred due to possible damage induced by laparoscopic cystectomy.

**Conclusion**

In case of thin myometrium observed after uterine rupture (even the rupture happens in the uterine body), a baby can be born and survive after repair.

After stillbirth, magnetic resonance imaging (MRI) showed thin myometrium (Fig.3). Uterine repair was performed at age 34. Postoperative MRI confirmed that the myometrium was thick enough to become pregnant (Fig.4). She became pregnant using in vitro fertilization. At 26 weeks gestation, MRI revealed a suspicious area where myometrial thickness becomes thinner (Fig.5) and we diagnosed threatened rupture of uterus. She gave birth to a 931g baby girl at 27 weeks and 5 days gestation by C-section.

A laceration was found in the area close to the right fallopian tube angle (Fig.1, 2). Fetus had escaped into the peritoneal cavity. Laceration suture was performed after delivery.

**Fig.1, 2 Uterine rupture at 15 weeks**

**Fig.3 6M after uterine rupture**

**Fig.4 12M after uterine repair**

**Fig.5 26 weeks of gestation**