Uterine torsion in pregnancy

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Objective
Torsion of the pregnant uterus is defined as rotation more than 45 degrees around the long axis of the uterus. Uterine torsion during pregnancy is only sporadically reported in the literature. We present a case of uterine torsion with uterine anomaly and unilateral adnexial torsion.

Methods
A 20 years old primigravid woman was referred our clinic at 20 weeks because of pelvic pain and fetal demise. Except for consanguinity (she was married with her first cousin) her medical history was unremarkable. On ultrasound examination fetal biometry was consistent with 20 weeks and partial abruptio was seen. Her laboratory examination was normal. Although her abdominal examination revealed tenderness she had no vaginal bleeding. Hysterectomy was performed due to persistent abdominal pain.

Results
In operation uterus was seen to be rotated counterclockwise 180 degrees around the long axis and had a purplish appearance because of interrupted blood supply. Right adnexial torsion was noted. After de-torsion of the uterus and right adnexia a left unicorne uterus was observed. with an absent left tube. A. 450 g female stillborn fetus was delivered by low segment incision. Uterine and adnexial blood supply was seen after observation.

Conclusion
Uterine torsion is a rare obstetric emergency. Due to its' rarity it is very difficult to diagnose antenatally. It is necessary to keep in mind the possibility of uterine torsion in all cases of persistant and severe abdominal pain during pregnancy.