

Surgical Management of an Ovarian Bilateral Multiple Dermoid Cyst During Pregnancy: A Case Report Study

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Introduction: Most ovarian dermoid cysts occur during the reproductive age and therefore could occur during pregnancy. They are present in 0.03% of pregnancies and the risk of torsion during pregnancy is approximately 8%. They are bilateral in approximately 10% of cases. Diagnosis is usually made by ultrasound imaging. An ovarian cystectomy is almost always possible, even if it appears that only a small amount of ovarian tissue remains. Intraoperative spill of tumor contents may be a cause of complications.

Case Presentation: A 28-year-old, pregnant, primipara female with gestational age 20 weeks + four days where referred to with complaint of pelvic mass that was incidentally reported in sonography where referred to the hospital. She had undergone intact removal (without spillage) of cysts during pregnancy by laparotomy and histopathologic report confirmed bilateral, multiple, benign and dermoid cyst. She was discharged without any complication on the second day after operation. She had an uneventful pregnancy and a cesarean delivery with alive, normal, female fetus at 38 weeks of gestation because of breech presentation.

Conclusions: It seems that early diagnosis and intact surgery of multiple ovarian dermoid cysts during the second trimester of pregnancy could prevent complication of cysts and probably guarantee the prevention of adverse pregnancy outcome.

Keywords: Dermoid Cyst, Pregnancy, Ovary