

## Fetal ovarian cyst in the 37<sup>th</sup> week of pregnancy: a case report

Basirat Z. (M.D.)<sup>1</sup>, Nejadgholi M. (M.D.)<sup>2</sup>

1- Assistant Professor, Department of Obstetrics & Gynecology, Faculty of Medicine, Babol University of Medical Sciences, Babol, Iran.

2- Radiologist & Sonologist, Babol, Iran.

### Abstract

**Introduction:** Fetal ovarian cysts are rare abdominal tumors with unknown pathogenesis. They may be diagnosed accidentally during ultrasonography. Fetal ovarian cysts pose the risk of rupture or torsion with subsequent loss of the affected ovary. Diagnosis and appropriate management reduce acute and long-term complications.

**Case Report:** The case was the fetus of a 26 year old primigravida in the 37<sup>th</sup> week of gestation in Babol in 2005. A unilateral fetal simple ovarian cyst with a diameter of 30 mm was diagnosed during ultrasonography. The case was delivered by cesarean section due to fetal distress a week later. The neonate was followed up after birth and the cyst was spontaneously disappeared after 45 days.

**Conclusion:** In fetal ovarian cysts, there may be good outcomes following conservative management. After delivery, decrease of hormonal stimulation may lead to the spontaneous resolution of ovarian cysts. Surgical procedures are performed if complications such as torsion or rupture of the cyst develop.

**Key Words:** Fetal ovarian cyst, Sonography, Pregnancy, Abdominal mass, Abdominal tumors, Ovarian torsion, Cyst rupture.

**Corresponding Author:** Dr. Zahra Basirat, Obs & Gyn Ward, Yahyanejad Hospital, Babol, Iran.

**E-mail:** zahra\_basirat@yahoo.com