

# Prenatal diagnosis of a large subchorionic placental cyst with intracystic hematomas: a case report

Soon Cheol Hong, Jong Hyun Lee, Soo Hun Cho, Tak Kim, Hai Joong Kim,

Jae Seong Kang, Kyu Wan Lee, Joong Yol Na, Sun Haeng Kim

Department of Obstetrics and Gynecology, College of Medicine, Korea University

**Objective :** Large subchorionic cysts are extremely rare, and secondary hemorrhage within the cyst has not been reported. We report the case of a large subchorionic cyst complicated by an intracystic hematoma and review its clinical significance.

**Methods :** A large intrauterine cyst containing a heterogenous mass was found by ultrasound in placenta 35-year-old gravida 2 para 1. The cyst, measuring 10.9×10.1 cm with heterogenous mass shadow within the cyst, was attached near the placenta cord insertion site (PCIS).

**Results :** The woman delivered a healthy female baby weighing 3330 g by cesarean section without complication. A pathologic examination revealed that the cyst was subchorionic and contained internal hematoma.

**Conclusion :** A large subchorionic cyst near the PCIS should be considered as a pathological lesion and should be followed closely by ultrasonography, including doppler study and careful assessment of fetal well-being to rule out a secondary intracystic hemorrhage, partial occlusion of umbilical cord blood flow or FGR arising secondary to the cyst.