

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

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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.