

**PP67****Intrauterine intracranial tumors: two case reports**

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We presented two fetal intracranial tumors whose follow up was made in our department last year.

USG and fetal MRI was performed in the follow up. Results were evaluated by perinatology, newborn and neurosurgery departments. Parents were consulted about the potential risks of pregnancy and postpartum course.

First case was diagnosed in the 25th week of the gestation. An intracranial, semi-solid, heterogenic mass was detected in USG. Size of the mass was 45x85 mm. Ventriculomegaly and midline shift were accompanying. No pathology was detected in the other systems. Fetal MRI was offered. In the 26th week of the gestation in utero mort fetüs was noticed. Parents did not give permission for the autopsy after delivery.

Second case was diagnosed in the 26th week of the gestation. An intracranial, semi-solid, heterogenic mass was detected in USG. Size of the mass was 28x35 mm at the time of diagnosis and 42x74 mm before delivery. Fetal MRI was performed. Early diagnosis was teratoma. Parents were consulted and they decided to continue the pregnancy. Cesarean section was performed in the 39th week of the gestation. Fetus underwent surgery in neurosurgery department. Pathologic diagnosis was teratoma.

Diagnosis of intrauterine intracranial tumors is becoming more often because of using advanced technology in pregnancy follow up. Multidisciplinary approach is necessary to optimize the outcome in these patients.