

## A Case of Umbilical Arterial Atresia in the Third Trimester of Pregnancy

**Authors :** Caixiu Pu, Zhen Chen

**Abstract :** We present the rare case of umbilical arterial atresia, leading to a good outcome and provide clinical and pathological findings. A 27-year-old nulliparous first gravida with PGDM was found single umbilical artery(SUA) by routine ultrasound scan at 30 weeks of gestation. Fetal status was monitored weekly. A healthy male newborn was delivered by cesarean section at 39 weeks. The umbilical cord was overly twisted and no thrombus was found along the whole diseased vessel. The cause of umbilical arterial atresia was unclear, and the correct diagnosis was a challenge. Expected clinical management was recommended, in which sonographic diagnosis may play a very important part.

**Keywords :** pregnancy, single umbilical artery, umbilical arterial atresia, prenatal diagnosis

**Conference Title :** ICOG 2024 : International Conference on Obstetrics and Gynaecology

**Conference Location :** Berlin, Germany

**Conference Dates :** July 22-23, 2024