We report prenatal diagnosis of torcula herophili thrombosis (THT), in three cases.

Case 1. Patient was referred at 23+3 weeks of pregnancy, ultrasound examination revealed a 23 x 21 x 23 mm heterogeneous image located on the mid line posterior fossa, over tentorium. No vessels objectivized. Cerebral hemisphere was displaced without ventriculomegaly. Images suggested THT diagnosis. T1 and T2 MRI confirmed these findings. During pregnancy, THT size progressively got reduced. Cesarean section was performed at term pregnancy. New born cerebral Ultrasound and MRI were normal.

Case 2. Patient was referred at 25+4 weeks of pregnancy, ultrasound and MRI examination showed a 21 mm heterogeneous image located in the mid line posterior fossa, over tentorium. No vessels and no mass effect were observed. THT diagnosis was suggested. At 30 weeks of pregnancy THT reduced to 17 mm diameter. Patient is still pregnant.

THT is an uncommon diagnosis, at this time no more that 60 cases have been published. Etiology is unknown, and prognosis go from spontaneous regression until cerebral atrophy and fetal death. In our cases THT was not associated with others CNS malformations and all cases had a favorable evolution with spontaneous regression at birth.

Case 3. Patient referred at 32+3 weeks pregnancy, ultrasound and MRI examination showed a 51 x 39 x 54 mm heterogeneous image located on the mid line posterior fossa, over tentorium. Cerebral hemisphere was displaced and severe ventriculomegaly was observed. THT and secondary severe ventriculomegaly diagnosis was suggested. During pregnancy THT and ventriculomegaly size progressively reduced. Cesarean section was performed at term pregnancy. New born physical examination, cerebral Ultrasound and MRI were normal.
PENTALOGY OF CANTRELL. A EIGHTEEN CASES SERIES.


1. Obstetrics and Gynecology, Hospital Clinico Universidad de Chile/Clinica las Condes, Santiago, Chile.
2. Obstetrics and Gynecology, Hospital Clinico Universidad Catolica , Santiago, Chile.
3. Obstetrics and Gynecology, Hospital Base Curico, Santiago, Chile.
4. Department of Pathology, Clinica las Condes, Santiago, Chile
5. Obstetrics and Gynecology Clinica Las Condes, Santiago, Chile