P-70

Fetal Arteriovenous intrapulmonar Fistula
Case Report

Vega B., Alday L.,Vargas V.
Instituto Conci Carpinella, Cordoba , Argentina

Introduction: Fetal arteriovenous malformations are very rare, but they are diagnosed more and more.
The echocardiograms signs are dilatation of right pulmonary artery and right pulmonary vein, with cardiomegaly or not . Those with high flow can lead to heart failure and hydros.
Newborn patients can be asymptomatic at first, afterwards they develop cyanosis.
The diagnosis is confirmed postnatally , generally throught an Angio tomography, and the correct treatment is percutaneous closure (device)

Case Report: A 30 years old pregnant woman, fetal echocardiogram was performed at 27 weeks of gestational age, and dilatation of right pulmonary artery and right pulmonary vein were found.

Results : At birth a systolic murmur and slight cyanosis were present. An angioTac image confirmed the presence of an AV intrapulmonary RPA-AI Fistulae. At 18 days of life and with 3800 kg , the fistulae was succesfuly closed with an vascular plug device .

Conclusion: The fetal arteriovenous malformations are very rare but must be suspected in the presence of dilatated cardiac structures, even more if heart failure and hydros are present.