Anomalies of the aortic arch: correlation between prenatal ultrasonography and postnatal MRI/CT

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Objective
To examine the correlation between prenatal ultrasonographic findings and post natal MRI/CT of fetuses with right aortic arch or double aortic arch.

Methods
Retrospective analysis of all cases in a tertiary academic center.

Results
46 cases of RAA/DAA were analysed, including 38 cases of RAA and 8 cases of DAA.

Conclusion
High resolution ultrasound enables accurate prenatal diagnosis, but postnatal MRI or CT are needed to confirm the diagnosis before final intervention.