Aim

To report a series of 13 cases evaluated in 3 perinatal centers and compare it with a review of the literature published from January 2000 to 2018. The primary objective was to describe the prenatal diagnosis and prognosis to year of life.

Methods

Review of echographic records and databases of three perinatal centers from last 19 years with diagnosis of CTGA confirmed postnatally with autopsy or ultrasound. Comparison with a search in PubMed and Trip data reports series of at least 10 cases of prenatal diagnosis of CTGA.

Conclusion

CTGA is an infrequent congenital heart disease. Prenatal diagnosis is possible in cases with other cardiac malformations. Our series and Systematic review, shows similar findings, diagnosis during second trimester, most associated to others cardiac malformations. Most of the cases born alive, and after complex interventions and its frequent the association to complete AV, it has a high survival rate at year.