Objectives
To summarize the prenatal ultrasonographic characteristics of unroofed coronary sinus (URCS) for improving the prenatal echocardiography diagnostic accuracy of URCS.

Methods:
Echocardiographic characteristics of 7 fetuses with URCS were reviewed. To review the relevant literature and summarize the experience of prenatal diagnosis of URCS.

Results
The echocardiographic characteristics of fetuses with URCS were the interrupt of the coronary sinus wall and the shunt from right atrium to left atrium in the long axial section of the coronary sinus. In 7 cases with URCS, 5 cases of completely

URCS were associated with right atrial isomerism syndrome and confirmed by postpartum autopsy, 2 cases of partially URCS were only with persistent left superior vena cava and confirmed by postnatal echocardiography.

Conclusion
There are some characteristic signs on ultrasonic features of URCS. A long axial section of the coronary sinus are the most important view for prenatal ultrasonic diagnosis of URCS.