Aim

• To evaluate the added value of fetal brain magnetic resonance (MR) after systematic neurosonography (NSG) in fetuses with Congenital heart defects (CHD).

Methods

32±2w

60 CHD

36±2w

CNS anomaly

Conclusions

• In centers with specialized NSG unit, MR would not add a clear benefit as a routine procedure in fetuses with CHD after normal NSG.
• MR may be of help as a complementary examination in patients with incomplete NSG evaluation or with suspected abnormality.

Results

Mean gestational age at NSG was 33.5±1.6 weeks and at MR 36.1±1.2 weeks.

NSG SE 76.9%, SP 82.9%, NPV 92%