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## Antenatal diagnosis of congenital heart diseases

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Fetal echocardiography is the ultrasonic evaluation of the fetal CVS. It is the 1ry modality for defining & evaluating fetal cardiac status, it requires detailed analysis of the anatomy from numerous views. Fetal echocardiography aims for prenatal diagnosis of critical and simple CHD, it allows for improved clinical status after birth.

Indications of Fetal echocardiography:

Fetal, maternal and familial:

- Antenatal diagnosis of CHD May lead to better surgical outcomes, prepares the MEDICAL TEAM to deal with critically sick. Good intra-natal & postnatal care can be offered to the NN. Finally, Family will be prepared emotionally & financially to accept such a baby.
- Antenatal diagnosis of CHD. Demands a systematic approach to the investigation of the fetal heart, this approach is called Sequential segmental analysis of the fetal CVS: depends on the recognition of the morphology & connections of the 3 segments of the fetal heart.
- Steps for sequential segmental analysis of fetal CVS (Showing Normal Video Images). Assessment of fetal cardiac function will be discussed as part of hemodynamic assessment of the fetal cardiovascular system.

## Biography

Najlaa Al-Rajaa is the head of Pediatric cardiology department at MCH at AL Hasa and the supervisor for the development of the Pediatric surgical program at the eastern province. Assistant professor at King Faisal University, former program director at MCH for general Pediatric. At present working as locum consultant Pediatric cardiologist.

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