

Effect of Fetal Aortic Valvuloplasty on Outcomes

NCT05386173

Status	RECRUITING
Sponsor	Queen Silvia Children's Hospital, Gothenburg, Sweden
Enrollment	200 participants

Key Eligibility Criteria

Inclusion (12)

- A. All of the following echocardiographic criteria need to be satisfied between 23+0 and 31+6 weeks (z-scores according to Schneider et al):
- Aortic valve stenosis with antegrade flow through the valve
- Predominantly left-to-right shunt at the atrial level
- Predominantly retrograde flow in the aortic arch between the first two brachiocephalic vessels
- Qualitatively depressed left ventricular function
- ... and 7 more (see full listing online)

Exclusion (2)

- Any associated cardiac defect except persistent left superior vena cava and coarctation of the aorta
- Any significant (i.e. that might influence outcome) extracardiac anomaly and/or known chromosomal aberration. Also, if such a condition is present at inclusion but diagnosed only after birth the case will be retrospectively excluded.

Locations (13 total)

Fetal Cardiovascular Program, University of California San Francisco, San Francisco, California, United States
Congenital Heart Collaborative, Nationwide Children's Hospital, Columbus, Ohio, United States
Kinderherzzentrum Linz, Linz, Austria
... and 10 more locations