

# Fetal Echocardiography

## Pediatric Echocardiography Reporting Module

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*ACV 8.0*

*doc v1*

The pediatric echocardiography module contains much of the same content as the adult echocardiography module but is enriched to support fetal, infant, and child studies.

Startup


**Responses**

No questions have been completed.

**What type of study is this?**

- Transthoracic (TTE)
- Transesophageal (TEE)
- Stress echo
- Operative or procedural support
- Transabdominal fetal
- Transvaginal fetal
- Enter manually

**Findings** **Report**

 **ASCEND General Hospital**  
1234 Main St. Anywhere, USA 02345  
Phone: (800) 555-1234  
Fax: (800) 555-1235

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<b>Patient:</b>	Emma Green	<b>Study date:</b>		<b>Height:</b>	
<b>MRN:</b>	#	<b>Birth date:</b>	12/04/1986	<b>Weight:</b>	
<b>Accession:</b>	#333333	<b>Birth date:</b>		<b>BSA:</b>	
<b>Patient location:</b>		<b>Age:</b>		<b>BMI:</b>	
<b>Study status:</b>		<b>Birth date:</b>		<b>HR:</b>	
<b>Facility:</b>	East Campus	<b>Birth gender:</b>	F	<b>BP:</b>	
		<b>Patient status:</b>			

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**Summary:** [New summary item](#)

**Recommendations:** [New recommendation](#)

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**Study data:** Race: Native Hawaiian or Pacific islander. 

Report has not been signed

[Previous](#) [Next](#)

When you begin reporting in ASCEND, selections made in the *Startup* screen build a tab set uniquely tailored to that study. ASCEND is designed to support a single fetal study or multiple pregnancies. For this example we will choose two fetuses.

Startup Findings Report

**Responses**

What type of study is this?

- Transabdominal fetal

**What subjects were studied [Fetal]**

- One male
- One female
- One fetus
- Two fetuses
- Three fetuses
- Four fetuses
- Five fetuses
- Enter manually

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<b>Patient:</b>	Emma Green	<b>Study date:</b>		<b>Height:</b>	
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<b>Patient location:</b>		<b>Age:</b>		<b>BMI:</b>	
<b>Study status:</b>		<b>Birth gender:</b>	F	<b>HR:</b>	
<b>Facility:</b>	East Campus	<b>Patient status:</b>		<b>BP:</b>	

**Summary:** [New summary item](#)

**Recommendations:** [New recommendation](#)

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Report has not been signed

**Previous** **Begin reporting**

The *Fetal* tab lists the cardiac structures within their finding group. Every finding hosts a *Free text* note icon as a quick and easy way to insert a dictated comment into the report.

The screenshot displays a medical software interface. The top navigation bar includes 'Search', 'Index', 'Study', 'Measurements', 'Findings per fetus', 'Single fetus', 'Conclusions', 'Findings', and 'Report'. The 'Findings - fetal' sidebar on the left lists various cardiac structures, each with a 'Free text' note icon (a document with a pencil) highlighted by a red box. The main report area on the right contains the following sections:

- Recommendations:** [New recommendation](#)
- Pregnancy:**
  - Maternal age: 32 yr.
  - Estimated delivery date: 02/06/2019.
- Study data:** Last menstrual period started on: 05/02/2018.
- Fetal description:**
  - One fetus is present.
  - Fetus A (uncertain gender):** Significant fetal congestive heart failure is excluded by a normal cardiac to thoracic area ratio, normal ventricular contractility, no valve regurgitation, no evidence of cardiac output redistribution by arterial Doppler, and normal venous Doppler patterns.
  - Fetus B (male):** The fetal rhythm is sinus rhythm, with no apparent ectopy. No umbilical artery flow reversal is detected. No significant congenital heart disease identified. Significant fetal congestive heart failure is excluded by a normal cardiac to thoracic area ratio and normal ventricular contractility.
- Measurements**

Fetus A (uncertain gender)	Value
Femur length	0.70 cm
Fetus B (male)	Value
Femur length	0.80 cm
- Legend:**
  - ▼ and ▲ mark values outside specified reference range.
  - ◆ marks values inside specified reference range.
- Report has not been signed

The *Findings per fetus* tab gives you a way to identify and describe each fetus individually. By selecting the *Fetal description* data entry form, detailed measurements, heart rhythms and overall impressions can be reported for each fetus.

Search
Index
Study
Measurements
Findings per fetus
Single fetus
Conclusions
Findings
Report

**Findings per fetus: #1**

Fetus #1: Fetus A (uncertain gender):

Fetus #2: Fetus B (male):

Add fetus

**Fetus**

Single fetus

ID (if multiple)

Gender

Description

**Rhythm**

Baseline rhythm

Ectopy/runs

Atrial ectopy conduction

AV conduction

**Umbilical artery flow reversal**

Qualitative flow

**Impressions**

Diagnosis/syndrome

Additional diagnosis

Aneuploidy risk

CHF excluded

Normal CA/TA ratio

Normal contractility

No valve regurgitation

No CO redistribution

Normal venous Doppler

Absence of hydrops

CHF present

Cardiomegaly

**Recommendations:** [New recommendation](#)

**Pregnancy:**

- Maternal age: 32 yr.
- Estimated delivery date: 02/06/2019.

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**Fetal description:**

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**Measurements**

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Femur length	0.70 cm
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**Legend:**

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Report has not been signed



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