

Wojciech Kocon
Kleczewska 41
Warszawa
01-826
Poland

Aug 21, 2018

FMF ID: 74510

Assessment of ductus venosus flow

Dear Wojciech Kocon,

Thank you for submitting your logbook of 3 images. I examined each image for the following criteria: magnification , mid-sagittal view , sample volume between 0.5 and 1 mm , angle of insonation angle less than 30 degrees , low filter: 50-70 Hz , high sweep-speed (3-6 waveforms) , and your assessment (see table below).

Criteria	Image number		
	1	2	3
Magnification	✓	✓	✓
Mid-sagittal view	✓	✓	✓
Sample volume 0.5-1 mm	✓	✓	✓
Insonation angle less than 30°	✓	✓	✓
Low filter: 50-70 Hz	✓	✓	✓
High sweep-speed (3-6 waveforms)	✓	✓	✓
User's assessment	✓	✓	✓

Legend: ✓ = pass ✗ = fail -- = not possible to assess

Your images are satisfactory. Your software license will include the assessment of **ductus venosus flow** in the risk calculation for chromosomal abnormalities and your name will appear on the list of sonographers certified for ductus venosus assessment.

Best wishes,

Olga Khoury Carter