

Wojciech Kocon
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Poland

Dec 01, 2017

FMF ID: 74510

Measurement of nuchal translucency

Dear Wojciech Kocon,

Thank you for submitting your logbook of 3 images. I examined each image for the following criteria: magnification (head and thorax only), mid-sagittal section of the face, neutral fetal position (no flexion or extension), calliper placement, maximum lucency, and thin nuchal membrane (see table below).

Criteria	Image number		
	1	2	3
Magnification	✓	✓	✓
True mid-sagittal section	✓	✓	✓
Neutral fetal position	✓	✓	✓
Calipers "ON-to-ON"	✓	✓	✓
Maximum lucency	✓	✓	✓
Thin nuchal membrane	✓	✓	✓

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

The distribution of your nuchal translucency measurements

You have examined a total of 99 fetuses. The median of your NT distribution is 0.04 mm above what it should be. The scatter of your results is acceptable.

Assuming you screen by NT alone, your detection rate for a false positive rate (FPR) of 3% will be 76.0%, compared to the expected 72.0%. If you screen by NT and biochemistry, the detection rate for a FPR of 3% will be 88.0%, compared to the expected 86.0%.

In screening by NT and biochemistry at a risk cutoff of 1 in 100 the FPR and detection rate should be 2.7% and 84% respectively. On the basis of your distribution the values would be 2.0% and 85.0%.

Your distribution of NT meets the FMF criteria.

Re-audit schedule

Your images are satisfactory and the distribution of your NT measurements was good. Your name will

now be included on the list of certified sonographers with a satisfactory audit on the FMF website. Your license has been extended for one year; your next audit is due in **Nov 01, 2018** and your license expires in **Dec 01, 2018**.

Best wishes,

Walter Ventura Laveriano

