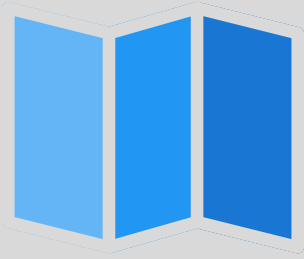




PRENATAL SCREENING
DÉPISTAGE PRÉNATAL
ONTARIO



NTQA PROGRAM



How to earn and access
your FMF UK NT
certificate of competence

1

Visit <https://fetalmedicine.org>

Scroll down on the website homepage to "FMF own page" and press "click here."

FMF own page

If you want to visit your own FMF page please [click here.](#)

2

Access your personal FMF page by entering your login name and your password and by clicking "Login."

If you do not have a login name and password, register with the FMF UK by pressing "click here."

If you have forgotten your login name and/or your password, click "Forgotten your password?"

FMF Courses

Please log in

Login name:

Password:

Note to new users: if you do not have a login name and password, you will need to register and then attend the FMF courses. [Click here](#) to register.

[Forgotten your password?](#)

3

To access the 11-13 weeks scan course, click "Attend."

Complete the course.

| Certificates of competence | Theoretical | Certificate | Course |
|------------------------------|-------------|-----------------------|------------------------|
| The 11-13 weeks scan | | <i>Not done</i> | Attend |
| Preeclampsia screening | | <i>Not done</i> | Attend |
| Fetal abnormalities | | <i>Not done</i> | Attend |
| Cervical assessment | | <i>Not done</i> | Attend |
| Doppler ultrasound | | <i>Not done</i> | Attend |
| Fetal cardiac scanning | | <i>Not done</i> | Attend |
| Basic fetal echocardiography | | <i>Not done</i> | Attend |
| Fetal cardiac defects | | <i>Not applicable</i> | Attend |
| Placenta Accreta Spectrum | | <i>Not applicable</i> | Attend |
| Invasive procedures | | <i>Not done</i> | |
| Diploma in fetal medicine | | <i>Not done</i> | |

4

Collect three NT images that meet protocol and submission criteria.

Note: As you are not yet certified in NT ultrasound, please collect these images under the supervision of an Ontario NT certified sonographer.

Submission of images:

- **Images must be in JPEG, PNG or GIF format.**
- **The resolution** should be the original size, if possible, but at least 540x430.
- The **date and time** of the scan should always be clearly visible on each image. The date on the images should be as it appears on your ultrasound machine screen. Images with time and date stamp generated by PACS system will not be accepted.
- Each image should be from a **different case**.
- For initial accreditation (all markers), the first submitted images should be examples of work done within the **last 6 months**.
- **Nasal bone, tricuspid flow** and **ductus venosus flow**: To obtain the certificate of competence or renew your license you need to do a quick online test and then upload 3 images.
- **Renewal of all licenses** (including extra markers) is required **annually**. Please note that NT images need to be uploaded first.

**Always de-identify your
images to protect
patient privacy!**

5

To submit these images to the FMF UK for review and approval, press "click here" under the "The 11-13 weeks scan" heading in the section titled "Instructions on certification and licensing."

Instructions on certification and licensing

The 11-13 weeks scan: To obtain a certificate of competence you need to attend the online course on the 11-13 weeks scan and submit images for nuchal translucency. This will give you a license which enables access to the software for calculation of risk for trisomies based on nuchal translucency with or without biochemistry. For access to calculation of risk based on **nasal bone, ductus venosus** and **tricuspid flow** you need to upload images for these ultrasound markers as well. To maintain your licenses you need to submit images for each marker every year. To submit images please [click here](#).

Preeclampsia screening: To obtain a certificate of competence and license you need to attend the online course on preeclampsia screening and submit images. To maintain your license you need to submit images every year. To submit images please [click here](#).

Fetal abnormalities: To obtain a certificate of competence it is advisable that you attend the online course on fetal abnormalities and you need to pass a practical examination and submit images. There is no need for licensing. For instructions on preparing and submitting a logbook of images please [click here](#).

Fetal echocardiography: To obtain a certificate of competence you need to attend the online course on fetal cardiac scanning and pass a practical examination. This certificate is applicable only to FMF fellows. There is no need for licensing.

Doppler ultrasound: To obtain a certificate of competence you need to attend the online course on Doppler ultrasound and submit images. There is no need for licensing. To submit images please [click here](#).

Cervical screening: To obtain a certificate of competence you need to attend the online course on cervical assessment and submit images. There is no need for licensing. To submit images please [click here](#).

6

Select "Nuchal translucency" as your audit type.

Upload your three images.

Review the FMF UK audit policies and click "Upload files."

Step 1: select audit type

Audit type:

Step 2: select three images

Select **three** images of nuchal translucency showing the time and date and the calliper placement.

| | | |
|--------------------|----------------------|--|
| First image file: | <input type="text"/> | <input type="button" value="Browse..."/> |
| Second image file: | <input type="text"/> | <input type="button" value="Browse..."/> |
| Third image file: | <input type="text"/> | <input type="button" value="Browse..."/> |

Last step: send your files

Note: Before you upload your audit please [click here](#) to view the new audit policies.

7

Once the FMF UK has reviewed your NT images, you will receive an audit report to the email recorded in your personal profile.

If your NT images have been accepted, you have successfully earned your FMF NT certificate of competence.

Note: If your images were not satisfactory, instructions on next steps will be provided.

Sep 06, 2018

FMF ID:

Measurement of nuchal translucency

Dear

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

- In 2 of your images the section is oblique. A good **mid-sagittal section** of the face should demonstrate the echogenic tip of the nose, the rectangular shape of the palate anteriorly, the translucent diencephalon in the centre and nuchal membrane posteriorly. Deviations from the midline plane cause non-visualization of the tip of the nose and visibility of the frontal process of the maxilla.

Re-audit schedule

Your images are satisfactory but you have not submitted data on your NT measurements. Your name will remain on the list of certified sonographers on the FMF website, but will not appear on the list of sonographers with a satisfactory audit. Your license has been extended for one year. Your next audit is due in **Aug 06, 2019** and your license expires in **Sep 06, 2019**.

8

You can access your FMF NT certificate of competence by clicking the date listed under "Certificate" next to "The 11-13 weeks scan" heading in the section titled "Certificates of competence."

You can access your current NT image audit report by clicking the date listed under "Audit report" next to the "Nuchal translucency" heading in the section titled "Licensing."

| Certificates of competence | Theoretical | Certificate | Course |
|-----------------------------------|------------------------------|------------------------------|------------------------|
| The 11-13 weeks scan | Sep 02, 2010 | Sep 02, 2010 | Review CME |
| Preeclampsia screening | | <i>Not done</i> | Attend |
| Fetal abnormalities | | <i>Not done</i> | Attend |
| Cervical assessment | | <i>Not done</i> | Attend |
| Doppler ultrasound | | Ongoing | Attend |
| Fetal cardiac scanning | | <i>Not done</i> | Attend |
| Basic fetal echocardiography | | <i>Not done</i> | Attend |
| Fetal cardiac defects | | <i>Not applicable</i> | Attend |
| Placenta Accreta Spectrum | | <i>Not applicable</i> | Attend |
| Invasive procedures | | <i>Not done</i> | |
| Diploma in fetal medicine | | <i>Not done</i> | |

| Licensing | Last audit | Audit report | License |
|------------------------|-----------------------------|------------------------------|----------------|
| Nuchal translucency | View images | Sep 06, 2018 | |
| Nasal bone | - | - | |
| Ductus venosus flow | - | - | |
| Tricuspid flow | - | - | |
| Preeclampsia screening | - | - | |

If you have questions, or you experience difficulties accessing the 11-13 weeks scan course and/or submitting your NT images, please contact the FMF UK.

Tel + 00 44 (0)207 034 3070

Fax + 00 44 (0)207 034 3071

Email: certification@fetalmedicine.org