

# ПРОГРАММНОЕ ОБЕСПЕЧЕНИЕ ASTRAIA

УСТАНОВКА НА РАБОЧЕЕ МЕСТО ВРАЧА КАБИНЕТА  
АОП



# ПО ASTRAIA

- ШАГ №1
- ЗАХОДИМ НА САЙТ FETALMEDICINE.ORG

education x +  
medicine.org

The Fetal Medicine Foundation

Home Courses & Congress FMF certification Education Calculators Research Look for Life Contact us

### FMF Webinars

UK USA Spain Germany

### Education

Internet-based courses, which are free of charge and available in several languages:

- > Fetal abnormalities
- > Screening for preeclampsia
- > The 11 to 13 weeks scan
- > Fetal echocardiography
- > Cervical assessment
- > Doppler ultrasound
- > Placenta accreta spectrum disorders

### Calculators

- > Management: SGA
- > Management: Fetal anemia
- > Prediction: Preeclampsia
- > Prediction: Trisomies
- > Prediction: Preterm birth
- > Prediction: Fetal growth restriction
- > Prediction: Fetal macrosomia
- > Prediction: Gestational diabetes
- > Prediction: Miscarriage
- > Prediction: Stillbirth
- > Assessment: Nuchal translucency
- > Assessment: Fetal growth
- > Assessment: Birth weight
- > Assessment: Fetal Doppler

### FMF own page

If you want to visit your own FMF page please click here.

## Welcome to the Fetal Medicine Foundation

The Fetal Medicine Foundation is a Registered Charity that aims to improve the health of pregnant women and their babies through research and training in fetal medicine.

The Foundation, with the support of an international group of experts has introduced an educational programme both for healthcare professionals and parents and a series of certificates of competence in different aspects of fetal medicine.

In the last 20 years, The Foundation has supported research and training in the following areas through grants to a total of more than £23 million:

- Early diagnosis of fetal abnormalities
- Screening for chromosomal defects
- Development of safer techniques for prenatal diagnosis
- Intrauterine fetal surgery
- Prediction and prevention of preeclampsia
- Prediction and prevention of preterm birth
- Prediction and prevention of stillbirth
- Prediction and management of fetal growth restriction
- Problems of multiple pregnancies

In 2016/2017, the Fetal Medicine Foundation made a donation of £22 million to King's College Hospital's NHS Foundation Trust for investment in the Trust's Fetal Medicine services. Further information is available in the Trust's Annual Accounts.

The main source of income for The Fetal Medicine Foundation is The Fetal Medicine Centre.

### Vaginal progesterone prevents preterm birth

An individual patient data meta analysis of all trials in a combined total of 974 women with singleton pregnancies and mid-gestation sonographic short cervix ( $\leq 25$  mm) reported that vaginal progesterone is efficacious and safe for reducing preterm birth and neonatal morbidity and mortality.

For more information click here.

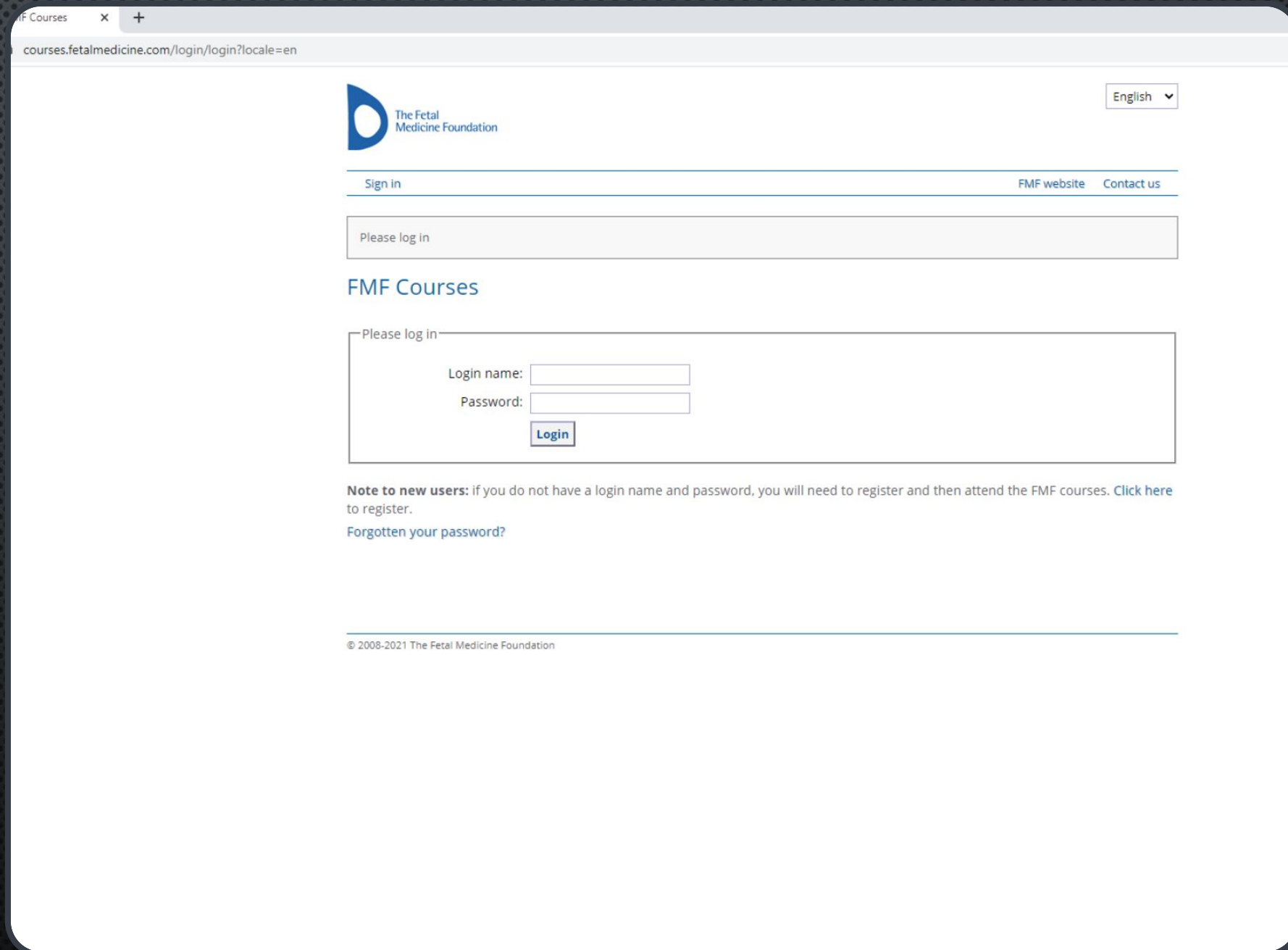
### Aspirin prevents preeclampsia

AJOG American Journal of Obstetrics & Gynecology

Vaginal Progesterone for Preventing Preterm Birth and Adverse Perinatal Outcomes in Singleton Gestations with a Short Cervix: A Meta-analysis of Individual Patient Data

# ПО ASTRAIA

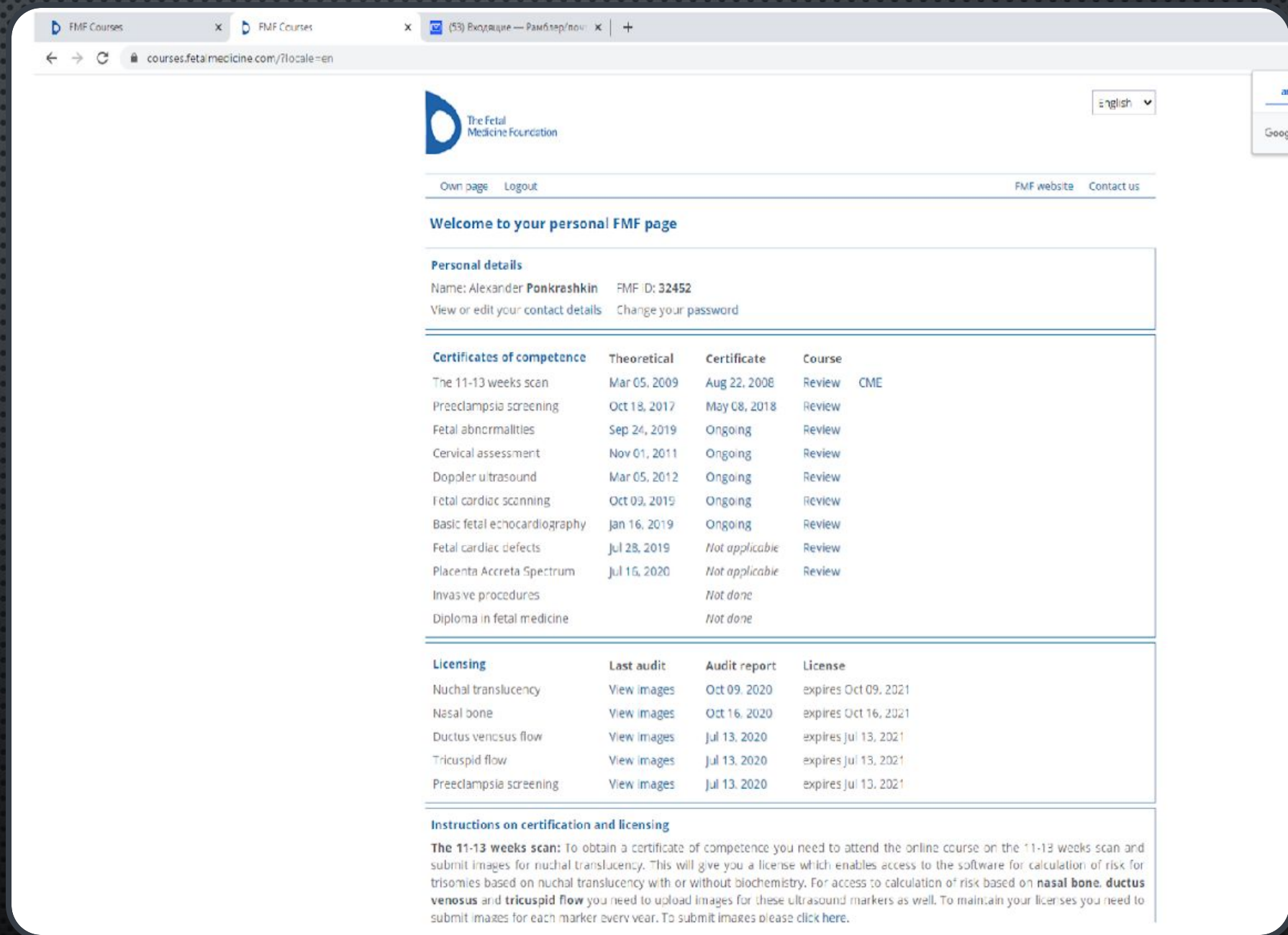
- ШАГ № 2
- Войти на личную страничку можно только под логином и паролем врача, зарегистрированного на сайте FMF





# ПО ASTRAIA

- ШАГ №3
- НА ЛИЧНОЙ СТРАНИЧКЕ НАХОДИМ РАЗДЕЛ «SOFTWARE», НАХОДИТСЯ ВНИЗУ СТРАНИЧКИ.



The screenshot shows the personal page of a user on the Fetal Medicine Foundation website. The page is in English and displays the following information:

**Personal details**  
Name: Alexander Ponkrashkin FMF ID: 32452  
View or edit your contact details Change your password

**Certificates of competence**

	Theoretical	Certificate	Course
The 11-13 weeks scan	Mar 05, 2009	Aug 22, 2008	Review CME
Preeclampsia screening	Oct 18, 2017	May 08, 2018	Review
Fetal abnormalities	Sep 24, 2019	Ongoing	Review
Cervical assessment	Nov 01, 2011	Ongoing	Review
Doppler ultrasound	Mar 05, 2012	Ongoing	Review
Fetal cardiac scanning	Oct 03, 2019	Ongoing	Review
Basic fetal echocardiography	Jan 16, 2019	Ongoing	Review
Fetal cardiac defects	Jul 28, 2019	Not applicable	Review
Placenta Accreta Spectrum	Jul 16, 2020	Not applicable	Review
Invasive procedures		Not done	
Diploma in fetal medicine		Not done	

**Licensing**

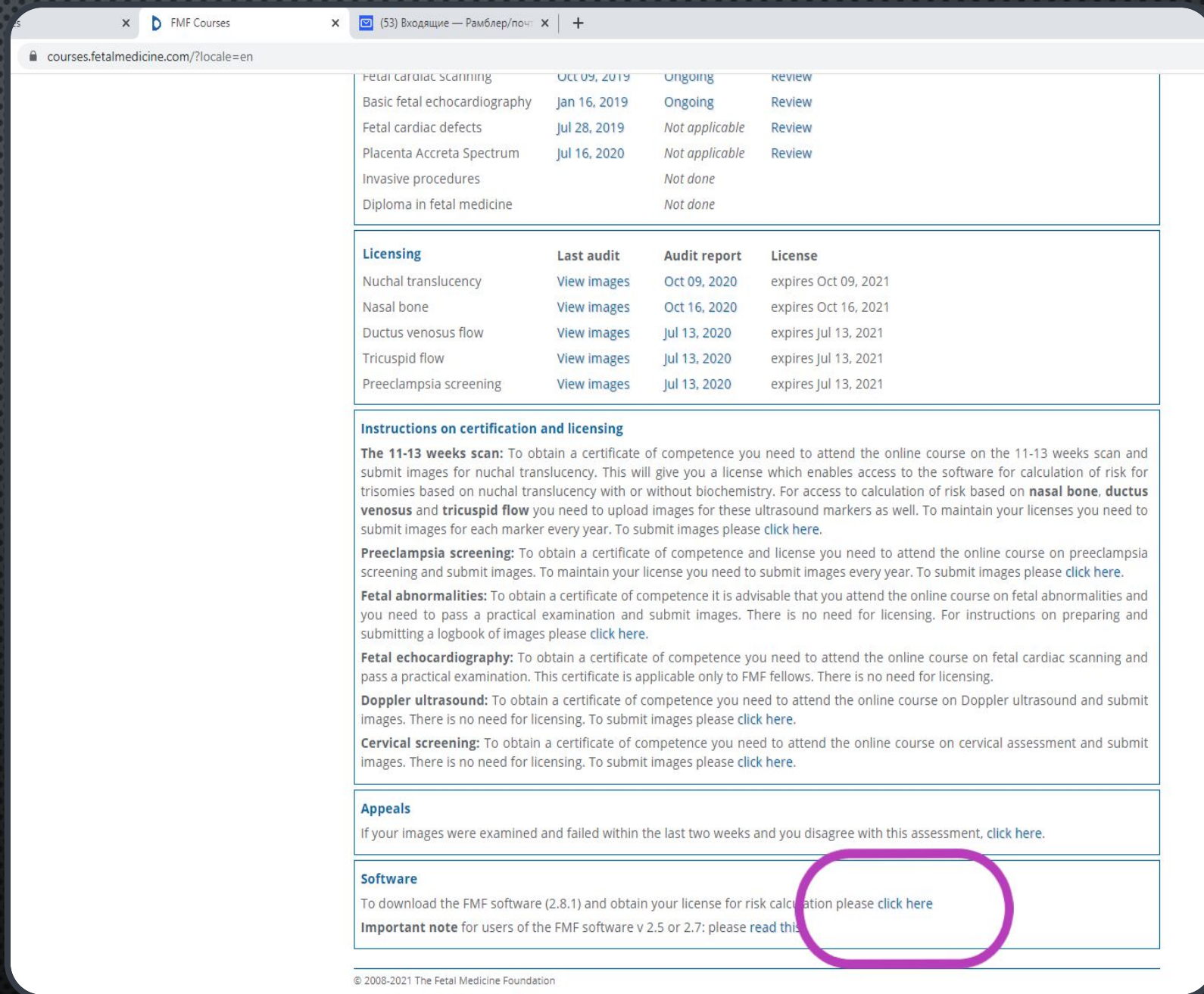
	Last audit	Audit report	License
Nuchal translucency	View images	Oct 09, 2020	expires Oct 09, 2021
Nasal bone	View images	Oct 16, 2020	expires Oct 16, 2021
Ductus venosus flow	View images	Jul 13, 2020	expires Jul 13, 2021
Tricuspid flow	View images	Jul 13, 2020	expires Jul 13, 2021
Preeclampsia screening	View images	Jul 13, 2020	expires Jul 13, 2021

**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](#).

# ПО ASTRAIA

- ШАГ №4
- НА ЛИЧНОЙ СТРАНИЧКЕ ВНИЗУ НАХОДИМ РАЗДЕЛ SOFTWARE И НАЖИМАЕМ «CLICK HERE»



The screenshot shows a web browser window with the URL [courses.fetalmedicine.com/?locale=en](https://courses.fetalmedicine.com/?locale=en). The page displays a list of courses and their status, followed by a section on licensing and certification.

Course	Last audit	Audit report	License
Fetal cardiac scanning	Oct 09, 2019	Ongoing	Review
Basic fetal echocardiography	Jan 16, 2019	Ongoing	Review
Fetal cardiac defects	Jul 28, 2019	Not applicable	Review
Placenta Accreta Spectrum	Jul 16, 2020	Not applicable	Review
Invasive procedures		Not done	
Diploma in fetal medicine		Not done	

Licensing	Last audit	Audit report	License
Nuchal translucency	<a href="#">View images</a>	Oct 09, 2020	expires Oct 09, 2021
Nasal bone	<a href="#">View images</a>	Oct 16, 2020	expires Oct 16, 2021
Ductus venosus flow	<a href="#">View images</a>	Jul 13, 2020	expires Jul 13, 2021
Tricuspid flow	<a href="#">View images</a>	Jul 13, 2020	expires Jul 13, 2021
Preeclampsia screening	<a href="#">View images</a>	Jul 13, 2020	expires Jul 13, 2021

### 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](#).

### Appeals

If your images were examined and failed within the last two weeks and you disagree with this assessment, [click here](#).

### Software

To download the FMF software (2.8.1) and obtain your license for risk calculation please [click here](#)

**Important note** for users of the FMF software v 2.5 or 2.7: please [read this](#)

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courses.fetalmedicine.com/user/get\_license/1948?locale=en

Own page Logout FMF website Contact us

## The First Trimester Screening Program

### License

**FMF First Trimester Screening program, astraia, and ViewPoint users:** this license is valid only for the software versions:

- FMF First Trimester Screening program: version **2.5.0 or higher - see below**
- astraia: version **1.24.7 up to 1.25.2**
- ViewPoint: version **5.6.9 or higher**

ViewPoint users with a version of the software prior to 5.6.9 should contact their supplier for an upgrade.

The license file you download contains only your personal license, and you can use this at any location where you work and appropriate software is installed.

[Click here](#) to download your license.

**Do not open the file.** You should save it to a convenient location, such as your Desktop or Documents folder. Start your software and then click on **OPTIONS** - which is found in the main page of your software - and then **IMPORT LICENSE**. You can then browse to the folder where you saved your license file and import it by double clicking it.

You can also directly import your license from the Options page of astraia or the First Trimester Screening program by clicking on "Download license". After entering your FMF login details, the license will be automatically added or updated.

- **Version 3**

This is a different FMF license version which you can use for the same purposes as version 2. Supported software:

- astraia: version **1.26 or higher**

[Click here](#) to download your license in version 3 format.

### Software

You can obtain the latest version of the FMF software (2.8.1) by following the Download link below. Use this link both to install the software for the first time and to update older versions.

**Notes:** This release is available in English, French, German, Italian, Portuguese, Spanish, Danish, Swedish, Czech, Greek, Polish, Russian, Ukrainian, Romanian and Hungarian.

**Existing software users:** Please read the following description of changes before you download the software:

Change from the 2.8.0 version:

- Roche PIGF medians are available

Change from the 2.7 version:

courses.fetalmedicine.com/user/get\_license/1948?locale=en

**Do not open the file.** You should save it to a convenient location, such as your Desktop or Documents folder. Start your software and then click on **OPTIONS** - which is found in the main page of your software - and then **IMPORT LICENSE**. You can then browse to the folder where you saved your license file and import it by double clicking it.

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**Notes:** This release is available in English, French, German, Italian, Portuguese, Spanish, Danish, Swedish, Czech, Greek, Polish, Russian, Ukrainian, Romanian and Hungarian.

**Existing software users:** Please read the following description of changes before you download the software:

Change from the 2.8.0 version:

- Roche PIGF medians are available

Change from the 2.7 version:

- An error in calculating background risk from donor age has been corrected

Other changes from the 2.5 version include:

- Thermofisher (Kryptor) PIGF medians are available
- an error in the data file format has been corrected

Changes from version 2.3.2 and earlier:

- Please see [this information \(PDF\)](#)

The program manual can be downloaded [here \(PDF\)](#)

There is also a [guide \(PDF\)](#) which explains the principles behind the software

[Click here](#) to download the FMF software.

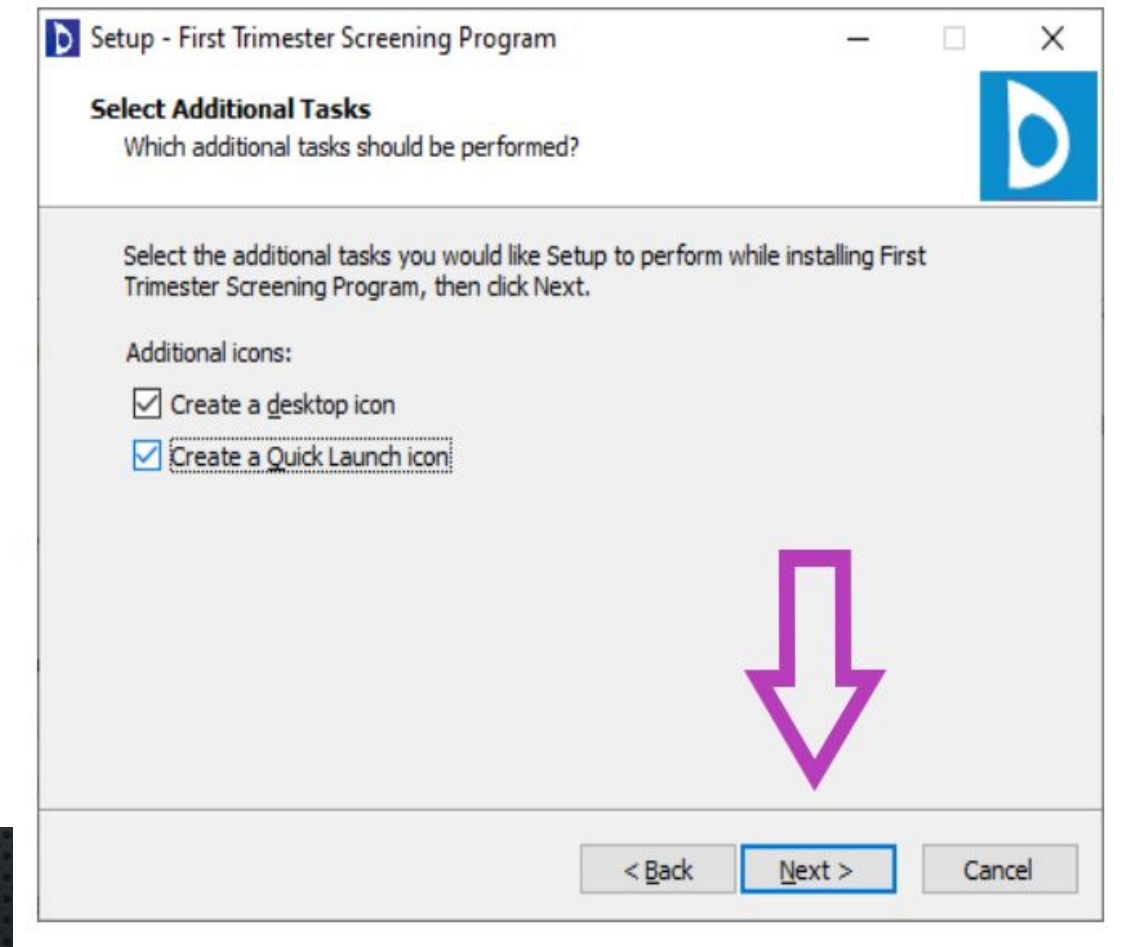
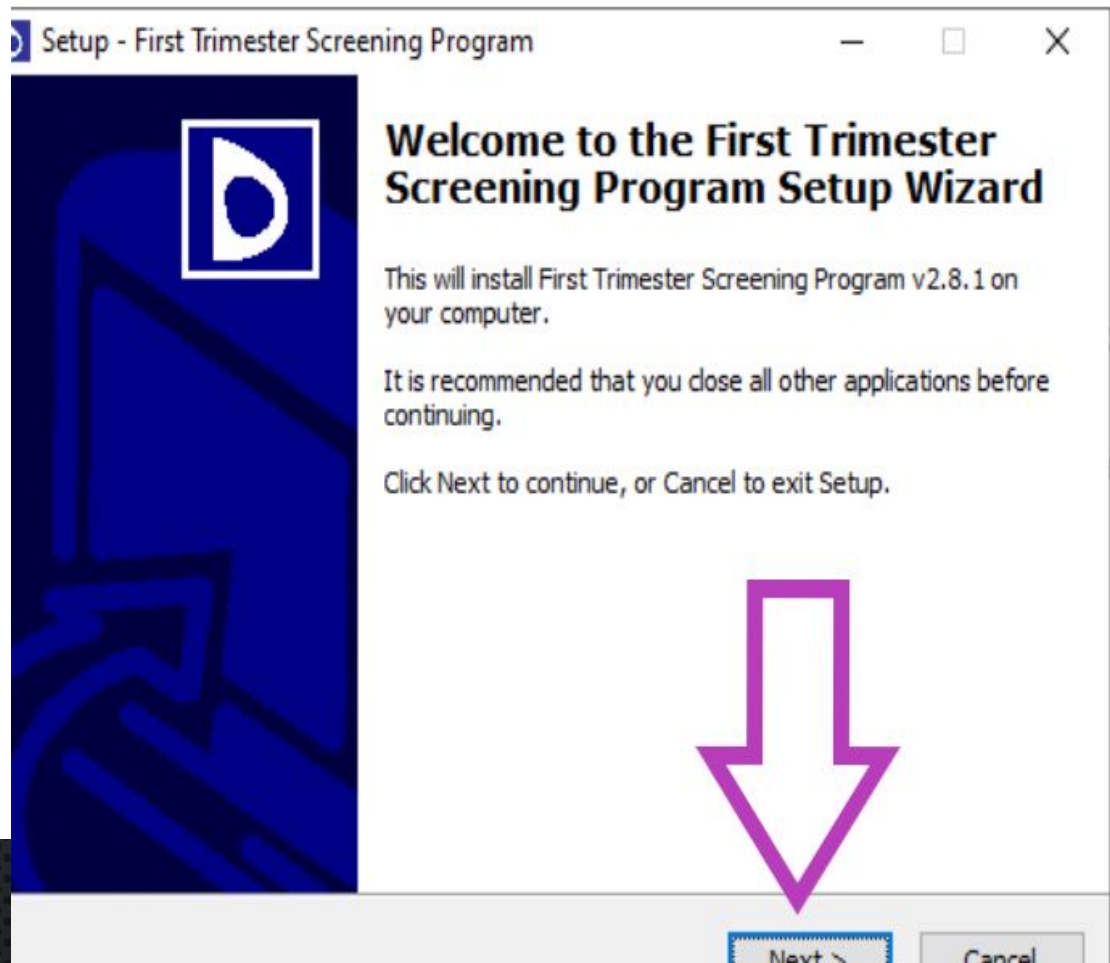
[Click here](#) to download the earlier version 2.3.2 (especially in the Netherlands, where apparently national screening boards have not yet given permission to use the new version) can download it [here](#)

Back

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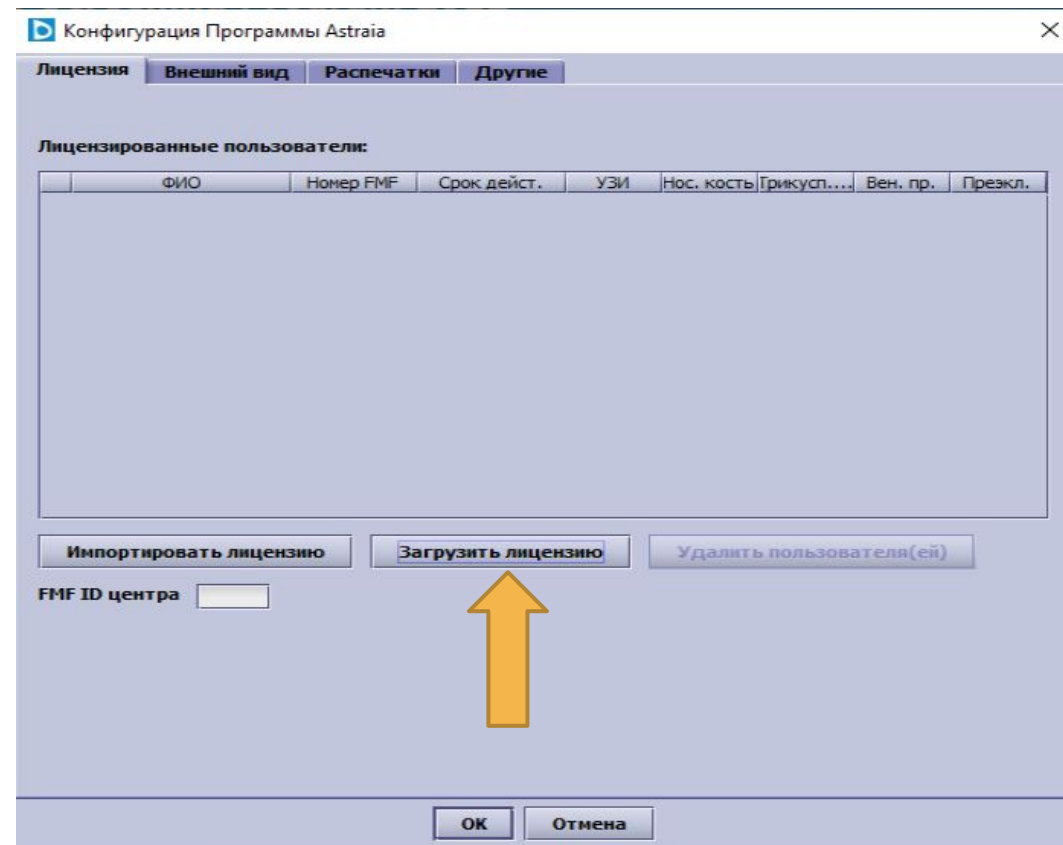
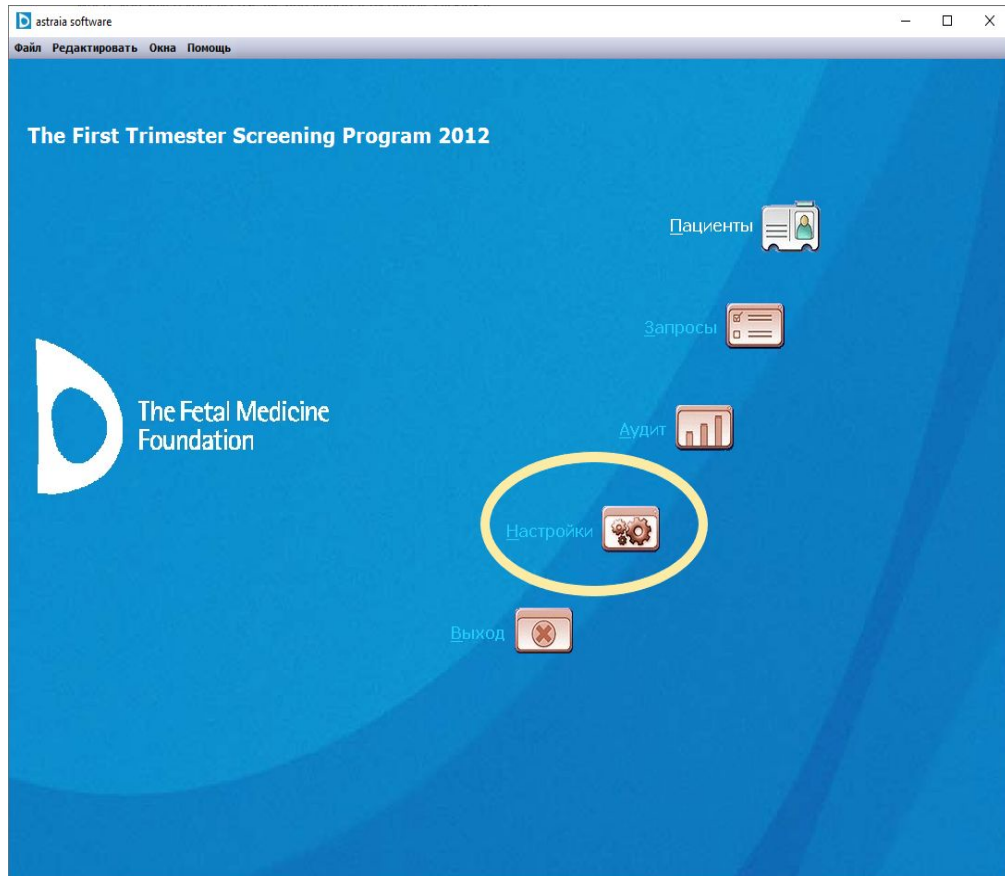
На страничке 1 триместра заходим в Software и нажимаем click here

ПО ASTRAIA



ΠΟ ΑΣΤΡΑΙΑ





ПО ASTRAIA



Загрузить лицензию

Если Вы еще не зарегистрированы на сайте FMF, пожалуйста перейдите по ссылке [the website](#), зарегистрируйтесь и пройдите курс по УЗ-обследованию в 11-13+6 недель.

Код оператора FMF:

Логин:

Пароль:

**Введите ID, логин и пароль  
врача.**

First Trimester Screening Program Configuration

License Appearance Printouts Other settings

Licensed users:

	Name	FMF user ID	Expires	US	NB	TR	DV	PE
<input type="checkbox"/>	Alexander Ponkr...	32452	09-Oct-2021	Y	Y	Y	Y	Y

FMF centre ID

**Если врачей несколько, то необходимо загрузить лицензию для  
каждого врача**

**ПО ASTRAIA**

## ПО ASTRAIA

- Вкладка «ДРУГИЕ» - УСТАНОВИТЬ В КАЖДОЙ СТРОКЕ ИЗ ВЫПАДАЮЩЕГО СПИСКА СТРОГО ТОЛЬКО ТЕ ПАРАМЕТРЫ, ЧТО УКАЗАНЫ НА СЛАЙДЕ!
- ВЫБРАТЬ МЕСТО НА ДИСКЕ, ГДЕ БУДЕТ СОЗДАНА РЕЗЕРВНАЯ КОПИЯ.
- В ЭТО ЖЕ МЕСТО ПРОПИСАТЬ ASCOD.

Конфигурация Программы Astraia

Лицензия Внешний вид Распечатки **Другие**

Риск наличия хромосомной патологии у плода на момент обследования

включить расчет риска Тр 13+18 в распечатку РАССЧИТАТЬ И НАПЕЧАТАТЬ

Презеклампися и задержка развития плода РАССЧИТАТЬ И НАПЕЧАТАТЬ

Включить риски для  ПЭ до 37 недель  ПЭ до 42 недель

Преждевременные роды РАССЧИТАТЬ И НАПЕЧАТАТЬ

не принимать во внимание отмеченные элементы при расчете риска:

кость носа  кровотоков в трикуспидальном клапане  венозный проток

добавить графики в протокол исследования

Suppress printout of racial origin

не рассчитывать риск до консультирования пациентки

Разрешить автоматическое обновление лицензий с сайта FMF (рекомендуется)

Скрининг-положительные значения для трисомии 21 1 : 100

Скрининг-положительные значения для трисомии 18+13 1 : 100

Директория для резервных копий C:\Users\понкрашкинав ...

OK Отмена



## ПО ASTRAIA

- ВО ВКЛАДКЕ «ВНЕШНИЙ ВИД» МОЖНО ВЫБРАТЬ ТЕМУ, ЦВЕТ И Т.Д.
- ВО ВКЛАДКЕ «РАСПЕЧАТКИ» —ВЫБОР ШРИФТОВ И ИХ РАЗМЕРОВ, НЕОБХОДИМО ВВЕСТИ НАЗВАНИЕ КЛИНИКИ