



Ian Donald Inter-University School of Medical Ultrasound
St. Petersburg branch - *Director: Prof. Natalia Pavlova*



The Fetus as a Patient Society

Ian Donald School meeting
“ULTRASOUND AND FUNCTIONAL STUDIES OF THE FETUS”
Международная Межуниверситетская Школа Яна Дональда по
медицинской ультразвуковой диагностике в акушерстве и
перинатологии «Ультразвук и функциональные исследования
плода»

INTERNATIONAL SYMPOSIUM “THE FETUS AS A PATIENT”
Международный симпозиум «Плод как пациент»

April 21-23, 2016

Venue:

**FSBSI “The Research Institute of Obstetrics,
Gynecology and Reproductology named after
D.O.Ott”**

Saint - Petersburg, Russia

**ФГБНУ «НИИ акушерства, гинекологии и репродуктологии
им. Д.О. Отта»**

PROGRAM
Ian Donald School in Saint-Petersburg
“ULTRASOUND AND FUNCTIONAL STUDIES OF THE FETUS”

21/04/2016, Thursday

09:00 – 10:00	Registration Регистрация
10:00 – 10:20	Welcome introduction Вступительное слово Prof. Ed. Ailamazyan, Prof. N.Pavlova
10:20 – 11:00	Look into the future of diagnostic ultrasound Взгляд в будущее ультразвуковой диагностики Prof. A. Kurjak, L. Spalldi Barisic
11:00 – 11:40	New challenges in prenatal diagnosis Новые вызовы в пренатальной диагностике Prof. G. Monni
11:40 – 12:40	The study of fetal organ function - new challenge in obstetrics sonography Исследование функционального состояния органов плода – новое направление ультразвуковой диагностики в акушерстве Prof. A. Kurjak
12:40 – 13:20	Fetal face abnormalities associated with CNS abnormalities Аномалии лица, ассоциированные с аномалиями ЦНС у плода Prof. R. Pooh
13:20 – 13:35	Recent technologies of Samsung Medison diagnostic ultrasound in obstetrics and gynecology Новейшие технологии ультразвуковой диагностики в акушерстве и гинекологии компании Samsung Medison R.Klenov
13:35 – 13:45	Discussion, Обсуждение
13:45 – 14:15	Coffee
14:15 – 15:15	The study of fetal brain function with our own KANET test Изучение функции мозга плода с помощью KANET-теста собственной разработки Prof. A. Kurjak

15:50 – 15:40	Migration disorders – structural and functional issues Нарушения миграции – структурные и функциональные аспекты Prof. R. Pooh
15:40 – 16:20	Recent advances in 3D and 4D studies of fetal structural and functional face anomalies Современные достижения 3D-4D исследований в изучении структурных и функциональных аномалий лица у плода S. Porovic
16:20 – 16:35	Discussion Обсуждение

22/04/2016, Friday

10:00 – 10:40	Fetal and maternal vasculogenesis and angiogenesis - the first functional studies by different forms of Doppler Васкуло- и ангиогенез у матери и плода – первое функциональное исследование с использованием различных видов Допплера Prof. A. Kurjak
10:40 – 11:20	Fetal limbs abnormalities associated with CNS abnormalities Аномалии конечностей, ассоциированные с аномалиями ЦНС у плода Prof. R. Pooh
11:20 – 12:00	Technology and instrumentation of 3D-4D sonography – how to improve quality of image 3D-4D исследования – как достичь наилучшего качества изображения S. Porovic
12:00 – 12:40	Functional studies of multiples Функциональные исследования при многоплодии Prof. A. Kurjak, L. Spalldi Barisic
12:40 – 12:55	New technologies in GE Voluson: from 2D to electronic 4D ultrasound Новые технологии ультразвуковых аппаратов GE Voluson: от 2D к электронному 4D-ультразвуку S. Bikov

12:55 – 13:10	Discussion Обсуждение
13:10 – 13:40	Coffee
13:40 – 14:10	Fetal tests useful in complicated pregnancies Функциональные тесты у плода, полезные при осложненной беременности Prof. N.Pavlova
14:10 – 14:40	Diagnostics and treatment of fetal hemodynamic- important arrhythmia Диагностика и лечение гемодинамически значимых аритмий у плода V. Bolsunovskii
14:40 – 15:10	The role of fetal hemodynamic disorders in postnatal adaptation of premature infants Значение нарушений гемодинамики плода в постнатальной адаптации недоношенных детей Prof. M.Degtyareva
15:10 – 15:25	New ultrasound technologies in obstetrics Новые ультразвуковые технологии в акушерстве O.Yurchenko (Siemens)
15:25 – 15:40	Discussion Обсуждение

23/04/2016, Saturday

INTERNATIONAL SYMPOSIUM “THE FETUS AS A PATIENT”

10:00 – 10:50	Fetal syndromes – new challenges of modern perinatology Фетальные синдромы – новые возможности современной перинатологии A. Kurjak, L. Spalldi Barisic, S. Porovic
10:50 – 11:40	Invasive procedures in multiple pregnancies Инвазивные процедуры при многоплодной беременности Prof. G.Monni
11:40 – 12:10	Complications in multiple pregnancies Осложнения многоплодной беременности Prof. L. Sichinava

12:10 – 12:50	Ethical and medical issues of selective fetocide in HOMP (High Order Multiple Pregnancy) Этические и медицинские аспекты селективного фетоида при большом многоплодии Prof. G. Monni
12:50 – 13:15	New technologies of ultrasound systems Sonoscape Новые технологии ультразвуковых аппаратов Sonoscape
13:15 – 13:30	Discussion, Обсуждение
13:30 – 14:00	Coffee
14:00 – 14:50	'NIPD' not 'NIPT' by up-to-date advanced ultrasound technology «Неинвазивная пренатальная диагностика», а не «неинвазивный пренатальный тест» с помощью современных ультразвуковых технологий Prof. R. Pooh
14:50 – 15:40	PGD on Mendelian disease Предимплантационная диагностика болезни Менделя Prof. G. Monni
15:40 – 16:10	Fetal surgery – risks and benefits Фетальная хирургия – прыжок над пропастью Prof. N. Bashmakova
16:10 – 16:50	Critical state of the fetus: when is enough for term? Критическое состояние плода: когда родоразрешать? Prof. N. Pavlova
16:50 – 17:20	Perinatal herpes virus infections: prophylaxis, diagnostics and treatment in mother, fetus and newborn. Перинатальная герпесвирусная инфекция: диагностика и лечение матери, плода и новорожденного Prof. M. Degtyareva
17:20 – 17:30	Discussion Обсуждение

Objectives of Ian Donald School

To promote:

- the science and art of ultrasound scanning
- research and education in the field of medical ultrasound
- continuous training in ultrasound
- and facilitate the dissemination of information, especially by scientific publications, including Donald School Journal of Ultrasound in Obstetrics and Gynecology

To provide:

- expert advice to those entering the field of ultrasound

To increase:

- knowledge of methodology for implementing recent ultrasound advances

To contribute:

- to the improvement of teaching standards by the introduction of computer technology and devices for telemedicine

The Ian Donald School is designed to address the needs of a clinician who has some experience in diagnostic ultrasound, but needs additional knowledge and practice in recent sonographic developments in both obstetrics and gynecology."

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