THE 6TH FETAL NEUROSONOGRAPHY MASTERCLASS

UNDER THE AUSPICES OF:

INTERNATIONAL SOCIETY OF ULTRASOUND IN OBSTETRICS & GYNECOLOGY
ISRAELI SOCIETY OF ULTRASOUND IN OBSTETRICS & GYNECOLOGY

June 23-25, 2019
Kfar HaMaccabiah Hotel, Ramat Gan, Israel

Course Directors
Prof. Gustavo Malinger
Prof. Mauricio Herrera

For demonstrations of interest and enquiries contact:
nicolemaligner@gmail.com
Welcome letter

Dear Friends:

I have been looking forward to see you in Israel and to have the opportunity to pass on the knowledge we had accumulated in the field of Fetal Neurosonography during the last 30 years. For more than two decades I worked at the Edith Wolfson Medical Center, where an exceptionally talented group of people had the opportunity to meet and work together to create in 1994 what was probably the first multidisciplinary group in the field of Fetal Neurology.

The initial group was composed of Prof. Tally Lerman-Sagie (Pediatric Neurology), Dr. Dorit Lev (Genetics) and myself. Dr. Liat Ben Sira (Pediatric Radiology-MRI) joined from Tel Aviv Medical Center and Dr. Deborah Kidron (Pathology) from Sapir Medical Center.

During the years the Fetal Neurology Clinic at Wolfson became the leader in the field of fetal CNS care and research in Israel with more than 500 referrals/year and more than 50 publications and a book.

Seven years ago I moved from Wolfson to Tel-Aviv Sourasky Medical Center; the hospital has over 12000 deliveries per year and with the OB-GYN US Unit team we have an increasingly number of suspected CNS pathologies for evaluation and have diagnosed, in this relatively short period, more than 1000 CNS pathological cases.

We will count with the participation of other Israeli renowned Fetal Medicine specialists including Dr. Zvi Leibovitz (OG-GYN) currently at Bnei Tzion Medical Center in Haifa; and one of my partners at TLVMC, Dr. Karina Krajden (OG-GYN), that are bringing fresh and innovative ideas to our field. Dr. Adi Reches will present on the Genetics of malformations of cortical development and my partner Prof. Tally Sagie will share her vast experience in the field of Fetal
and Neonatal Neurology. On Tuesday afternoon Prof. Deborah Kidron from Sapir Medical Center will join us for a session on Fetal Neuropathology.

We will also be honored by the participation in the FNMs of Dr. Mauricio Herrera from Bogotá that will present us with his experience with Congenital Zika Virus Syndrome and the diagnosis of selected cases using 3D Neurosonography and a new Simulation System that enables individual hands-on practice of all the participants.

I hope you will have the opportunity not only to learn but to appreciate the way a team, by joining efforts, can reach better results in order to benefit our patients.

For the Masterclass we limited the number of participants to have the opportunity to really interact and create a different educational and human experience. Please, feel free to participate in the discussions and add from your own knowledge to the lectures.

Finally, I want to thank you for coming from so far away in support of this program. I hope this will be a fruitful experience for all of you.

Thank you,

Gustavo
ORGANIZING COMMITTEE - FACULTY

Prof. Gustavo Malinger – OB-GYN - Tel Aviv Sourasky Medical Center
Dr. Zvi Leibovitz – OB-GYN- Bnei Tzion Medical Center
Dr. Karina Krajden-Haratza – OB-GYN - Tel Aviv Sourasky Medical Center
Prof. Deborah Kidron – Perinatal Pathology- Sapir Medical Center
Dr. Adi Reches – Genetics- Tel Aviv Sourasky Medical Center
Prof. Tally Sagie – Pediatric Neurology- Wolfson Medical Center

INTERNATIONAL FACULTY – COURSE CO-DIRECTOR

Dr. Mauricio Herrera – OB-GYN- Clínica Colsanitas, Colombia

OBJECTIVES

The Fetal Neurosonography Masterclass is intended for Obstetricians and Radiologists specializing in Prenatal Diagnosis who want to acquire or expand their expertise in fetal brain diagnosis.

During the Masterclass the participants will learn the theoretical and practical aspects of the performance of neurosonographic examinations with particular emphasis in the diagnosis and management of brain anomalies.

The training will be supported a special session on Fetal Neuropathology, and by Hands-on Simulations of the Neurosonographic TVS technique in normal and pathological cases.

Back home the Masterclass will help the participants in the formation of multidisciplinary Fetal Neurology Clinics similar to Wolfson and Sourasky FNC’s.
PROVISIONAL PROGRAM

DAY 1 – Sunday, June 23, 2019

08.00 – 08.30 Welcome. The Fetal Neurology Clinic  
Prof. Malinger

08.30 – 09.00 US equipment & setup for the examination of the fetal brain  
Dr. Leibovitz

09.00 – 10.00 Which brain structures are present at 11-13 weeks?  
Dr. Leibovitz

10.00 – 10.30 CNS anatomy before 20 weeks.  
Prof. Malinger

10.30 – 11.00 Coffee break

11.00 – 12.00 CNS malformations diagnosed before 20 weeks  
Dr. Krajden-Haratz

12.00 – 13.00 Spinal dysraphism. Not only open defects  
Prof. Malinger

13.00 – 14.00 Lunch

14.00 – 15.00 The transforming brain, changes in brain structure between  
20-40 weeks. Anatomy and neurosonographic technique  
Prof. Malinger

15.00 - 16.00 Atypical forms of holoprosencephaly. US & MRI  
Prof. Malinger

16.00 – 17.00 Disorders of proliferation. Microcephaly  
Dr. Leibovitz

17.00 – 18.00 The genetics of malformations of cortical development  
Dr. Adi Reches

21.00 - 22.30 Welcome dinner. We meet in the lobby 19.00
DAY 2 – Monday, June 24, 2019

08-00 – 09.30 The corpus callosum  Prof. Malinger
09.30 – 09.45 Stroke, hemorrhage  Prof. Malinger
09.45 – 10.30 Infective fetopathy  Prof. Malinger
10.30 – 11.00 Coffee Break
11.00 – 12.30 Midbrain-Hindbrain Malformations  Dr. Krajden-Haratz
12.30 – 13.00 Cysts and tumors  Prof. Malinger
13.00 – 14.00 Lunch
14.00 - 14.45 Venticulomegaly  Prof. Malinger
14.45 – 15.15 Congenital Zika Virus Syndrome  Dr. Herrera
15.15 – 15.45 Venticulomegaly  Prof. Malinger
15.45 – 16.45 Participants + Staff cases  Prof. Malinger/Dr. Herrera
17.00 Be ready to go…

DAY 3 Tuesday, June 25, 2019

08.30 -10.00 Clinical demonstration – Simulations  Whole Staff
10.00 – 10.45 Disorders of proliferation. Macrocephaly & Brain Overgrowth  Prof. Sagie/Prof. Malinger
10.45 – 12.30 Disorders of migration & organization  Prof. Sagie/Prof. Malinger
12.30 - 13.30 Lunch
13.30 - 16.00 Fetal Neuropathology. Is there a correlation with imaging results?  Prof. Kidron

The program is subject to changes

Please inform us if you need to depart before the end of the Masterclass
REGISTRATION

Demonstrations of interest to participate at the 6th Fetal Neurosonography Masterclass 2019: nicolemalinger@gmail.com.

Registration fee is 3000 Euro. Registration includes all the benefits of education and simulation work, educational materials, breakfasts, lunches, dinners, coffee breaks and 3 nights of hotel between June, 22-25. Extra hotel nights are available upon request.
Registration does not include transportation from and to the airport, medical and travel insurance, hotel extras and tours.

FNM site: www.fetalneurology.com
6TH FETAL NEUROSONOGRAPHY MASTERCLASS

June 23-25, 2019

Registration Form to be send to: nicolemalingar@gmail.com

Surname:
Name:
Place of work:
Address:
Zip Code: City: Country:
Phone:
Fax:
Cell phone:
E-mail:

Please fill carefully your name and e-mail address, they will allow to be known from the course managers and to assure the follow-up of your registration.

Please answer the following:

Number of Obstetric US performed / month:
Number of neurosonographic examinations performed/ month:
Did you have diagnosed complicated CNS anomalies?:
Experience in TVS Obstetrical examinations:
Experience in 3D/4D of the brain:

Registration will be strictly based on first registered first served rule. If there will be no available places for this course, application will received priority for the next one.

The registration will be definitive only after confirmation by our office and payment of registration fees.

Following the receipt of this registration form you will receive by e-mail instructions for payment.