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ورشة عمل "طب الأم و الجنين و الأمراض الوراثية"

Maternal Fetal Medicine and Genetic Disorders

Workshop Director: Prof. Khaled R Gaber

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Background: Most women seek consultation and care by specialist in the field of maternal and fetal medicine because she is considering becoming pregnant or already pregnant and worried about pregnancy or fetal complications. Hence, prenatal diagnosis has become an important tool in obstetrics and perinatal care. The rapid advances in technology and data transfer have greatly changed the field of perinatology from simple diagnosis into screening and early intervention. These advances included genetic ultrasound (comprehensive U/S fetal examination , 3/4 D evaluation and markers), prenatal maternal and fetal biochemical markers, fetal tissue sampling, and confirmatory cytogenetic and molecular studies.

Goal and Objectives: The PNDFM department aims to establish a continuous education material and scientific relation with physicians working in the field of maternal fetal medicine in Egypt, Arab countries, Africa and the Middle East. This include geneticists, obstetricians, pediatricians and Neonatologists.

Upon completion of the course, attending physicians will be able to understand and demonstrate the following:

- (1) the systemic approach to pregnancy and fetal evaluation
- (2) the common screening techniques (U/S and biochemical)
- (3) the systemic approach to fetal scanning using 2 and 3/4 D technology
- (4) the different techniques of fetal tissue sampling
- (5) the cytogenetic and molecular studies in prenatal diagnosis of abnormalities

Topics to be covered:

- 1) Introduction to congenital malformation and fetal dysmorphology
- 2) Genetic counseling for the obstetric provider
- 3) Biochemical screening in pregnancy: maternal and fetal implications
- 4) Advances in cytogenetic applied to prenatal diagnosis
- 5) Molecular techniques in prenatal diagnosis
- 6) Ultrasound evaluation of the fetus and fetal malformations
- 7) Live scan and hand-on (2D , 3/4 D ultrasound)

Faculty

Prof. Khaled Gaber Professor Prenatal Diagnosis, NRC	Prof. Ibtesam Ramzy Professor Molecular Genetics, NRC
Ass. Prof. Mona Kamal Ass. Professor Prenatal Diagnosis, NRC	Prof. Mohamed Elnahas مؤسس ومدير المركز الدولي للتخاطب والاستشارات والتدريب - دبي
Dr. Sanaa Helmy Lecturer Prenatal Diagnosis, NRC	

For more information: www.asmr.eg.net