

إدارة الصحة
جامعة الدول العربية

الجمعية العربية للبحوث الطبية
المركز القومي للبحوث – مصر

ورشة عمل بعنوان
" تشخيص أمراض الجنين الوراثية و الحمل الخطر "
Prenatal Genetic Diagnosis & High Risk Pregnancy

**National Research Centre
Cairo – Egypt**

تحت رعاية

الأستاذ الدكتور / هانى الناظر
رئيس المركز القومى للبحوث
رئيس الجمعية العربية للبحوث الطبية

معالي السيد / عمرو موسى
الأمين العام لجامعة الدول العربية

Moderator: Prof. Khaled Gaber M.D.

Head of Prenatal Diagnosis & Fetal Medicine Department

Release Date: December 30th, 2007– January 2nd, 2008

Venue: National Research Centre – Cairo - Egypt

Coure Institution: National Research Centre

Human Genetics & Genome Research Division

Prenatal Diagnosis & Fetal Medicine Department (PNDFM)

Duration: 4 days

Dead line for registration: Nov. 30th, 2007

Background:

The PND FM department was officially established in 2003. The staff activities started since 1988 as a Unit for Prenatal Diagnosis in the Human Genetics Department of the National Research Centre.

The department and its Outpatient Clinics encourage a close relationship with referring physicians in different specialties: genetics, obstetrics, and pediatrics.

Research activities in prenatal diagnosis and diagnostic services, abnormalities in fetal growth and structure, high risk pregnancies and recurrent pregnancy loss remain an ongoing commitment.

The PND FM department aims to establish a continuous education material and scientific relation with physicians working in the field of perinatology in Egypt, Arab countries, Africa and the Middle East

Goal:

Many of the programmes designed for screening and diagnosis of the fetal abnormalities and pregnancy loss, need to be managed within a multidisciplinary team which include obstetricians, geneticists, neonatologists, and pediatricians.

This course is designed for physicians interested in the field of maternal and fetal medicine, to understand the value of multidisciplinary approach in the perinatal period.

Objectives:

- To describe specific principles and techniques of screening for fetal aneuploidy and fetal structural anomalies
- To discuss the current options in fetal diagnosis and management (invasive and non invasive)
- To describe and identify the etiology associated with recurrent pregnancy loss and the diagnostic tests that should be offered to couples with recurrent pregnancy loss.
- To discuss when it is appropriate to initiate evaluation of recurrent pregnancy loss.
- To discuss the diagnosis and carrier detection identification and the importance of diagnosis in the index case
- To understand the role of prenatal counseling and multidisciplinary approach before birth.

Topics:

The following aspects of maternal-fetal medicine will be covered

- 1.Genetic counseling and Prenatal clinic
- 2.Introduction to congenital malformations
- 3.Prenatal screening for congenital malformations and pregnancy los (Biochemical and Ultrasound markers)
- 4.Invasive techniques in prenatal diagnosis
- 5.Clinical approach to dysmorphic child
- 6.Laboratory techniques in genetic evaluation (Cytogenetic, molecular and biochemical).

Tutors:

- Prof. Khaled R. Gaber
- Prof. Mona K. Farag
- Prof. Sanaa H. Hussein
- Prof. Mona El Rubby
- Prof. Hanan H. Afifi

Prof. Samia A. Temtamy will give lecture covering the abnormalities detected in the index case and the role of the Clinical Geneticist

Candidates: Total 50

Preliminary Program

	Sunday 30/12/2007	Monday 31/12/2007	Tuesday 1/01/2008	Wednesday 02/01/2008
10.00- 11.30	<i>Opening ceremony and welcome reception</i>	Prof. Temtamy	1 st trimester Biochemical Screening	2d trimester Biochemical Screening
10.45- 11.30		Cytogenetics in PND	US Screening	US Screening
11.30- 12.00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
12.00- 12.45	Prenatal Counseling	Pedigree analysis: Cornerstone in PND	Abnormal fetal growth and US findings	Prenatal Invasive Techniques
12.45- 1.30	US and Dysmorphic Syndromes	Clinical Approach for Index Case:: A Prerequisite for PND	Q and A	Q and A
1.30- 2.30	US and Dysmorphic Syndromes	Coffee Break	Coffee Break	Coffee Break
2.30- 3.30	Practical	Practical Cytogenetic	Practical Biomarkers	Practical US

- The full detailed course programme will be announced on the 1st of August 2007 on the Website of the Arab Society for Medical Research (www.asmr.eg.net).

Registration Fees:

Egyptian	Non-Egyptian		
Without accommodation	Without accommodation	With accommodation	
		Single	Double
400 LE	400 USD	900 USD	1000 USD

Registration fees include: Admission to scientific session, workshop kit, attendance certificate, coffee breaks & gala dinner.

For Non-Egyptian:

*Hotel accommodation in deluxe hotel for 5 nights and 6 days (29 Dec. 2007 - 3 Jan. 2008) including breakfast.

*Social activities include: Pyramids and Sphinx & shopping around Cairo.

Correspondence:

Registration:

Website: www.asmr.eg.net

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Ways of payment:

Cash: The Arab Society for Medical Research, National Research Centre, main building, 3rd Floor, Room No.806.

Bank and transfer: Arab African International Bank, NRC- Branch, Swift code: ARAIEGCX, Account No. 548254, The Arab Society for Medical Research.