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Hands-on Workshop on Karyotyping **December 15-16th, 2024**

An Approach to perform and interpret Karyotyping in Hematological Malignancies

Lab Director of Cytogenetics Unit
Ass. Prof. Dr. Mona El Ashry

Scientific Committee

Dr. Mariame El Haddad
Dr. Hend Gamal
Dr. Lamia Abdel Fattah
Dr. Dalia Mazen
Dr. Marwa Medhat
Dr. Heba Sharaf
Dr. Mona Mohamed

Head of Hematology Unit
Prof. Dr. Reham Rashed

Head of Clinical Pathology Department
Prof. Dr. Nahed Abdelwahab

Venue:
National Cancer Institute,
Cairo University.
Clinical Pathology Department,
(Third floor) Cytogenetics Unit
Number of attendees: 9 candidates
Course Fees: 2000 LE

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Hands-on Workshop on Karyotyping **An Approach to perform and interpret Karyotyping in Hematological Malignancies**

Day 1 Sunday 15th December 2024

09:30-10:00	Registration	
10:00-11:00	Basic Introduction to Karyotyping	Ass.Prof. Dr. Mona EL Ashry
11:00-12:00	Processing of Sample (Harvesting Day 1)	Dr. Dalia Mazen Dr. Mona Mohamed
12:00-12:30 Coffee Break		
12:30-13:30	Numerical and Structural chromosomal anomalies	Dr. Hend Gamal
13:30-15:00	Normal Karyotype analysis	Dr. Dalia Mazen Dr. Marwa Medhat Dr. Heba Sharaf
15:00-15:30 Commentary		

Day 2 Monday 16th December 2024

09:30-10:30	Processing of Sample (Harvesting Day 2)	Dr. Marwa Medhat Dr. Heba Sharaf
10:30 - 11:30	Karyotyping in Myeloid Disorders	Dr. Mariame El Haddad Dr. Hend Gamal
11:30-12:00	Karyotyping in ALL	Dr. Lamia Abdel Fattah
12:00-12:30 Coffee Break		
12:30-13:30	FISH and Interpretation of problematic cases	Ass.Prof. Dr. Mona EL Ashry
13:30-14:30	Analysis of Karyotypes with chromosomal anomalies	Dr. Mariame El Haddad Dr. Hend Gamal Dr. Lamia Abdel Fattah
14:30- 15:00	ISCN Nomenclature	Ass.Prof. Dr. Mona EL Ashry
15:00-15:30 Commentary		

Intended Learning Objectives

Guide medical professionals to perform analysis and interpretation of Karyotyping and to understand the theoretical background, applications and interpretation of the results for the identification of genetic disorders.

Organized by:

