



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

**Department of Forensic Medicine and Clinical
Toxicology**

Course Specifications

**Master of Science in Forensic
Medicine and Clinical
toxicology (FMC T800)**

2013-2014

Clinical Toxicology in Children

1 – Overall Course aims:

The goal of this course is to prepare students with a clinical knowledge of toxicology that will enable them to provide an appropriate and optimum response to emergencies of toxic exposure in children.

2 – Intended learning outcomes (ILOs):

- Apply effective communication techniques when responding to requests for information on poisoning and drug overdose.
- Consult appropriate recourses for identification of the symptoms, signs and management of specific poisoning or drug overdose.
- Provide recommendations for management and/or refer patients for further medical evaluation.
- Describe legal and ethical implications of intervention in poisoning and drug overdose situations.

3-Course contents

Topic	NO.of hrs.		
	Lectures	Practical and clinical	Total
1-Quality and safety in Health care for Children	1	-	1
2-Ethics and cultural issues in pediatric care	1	-	1
3-Maximizing Children's Health : Screening, Anticipatory Guidance, and Counseling	1	-	1
4-Assessment and Interviewing	1	4	3
5-Electrolyte and Acid-Base Disorders	1	4	3
6-Maintenance and Replacement therapy	1	4	3
7-principles of drug therapy and dose calculations	1	-	1
8-pediatric Emergencies and Resuscitation	2	8	6
9-Neurologic Emergencies and Stabilization	1	6	4
10-Respiratory Distress and Failure	2	6	4
11-Congestive Heart Failure (CHF), Dysrhythmias and Shock.	3	6	6
	14	38	33