



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

**Department of Forensic Medicine and
Clinical Toxicology**

Course Specifications

**Clinical Toxicology in Children
course for Forensic Medicine
and Clinical Toxicology Master
Degree Course Specifications
(FMCT 8002)**

2014-2015

Course Specifications: Clinical Toxicology in Children course for Forensic Medicine and Clinical Toxicology Master Degree, 2014-2015

Clinical Toxicology in Children course for Forensic Medicine and Clinical Toxicology Master Degree Course Specifications

University: Tanta Faculty: Medicine Department: Forensic Medicine and Clinical Toxicology

1) administrative Information

1- Course title: Internal medicine course for Forensic Medicine and Clinical Toxicology Master Degree

2- Department offering the program: Forensic Medicine and Clinical Toxicology Department.

3- Department responsible for the course: Internal medicine Department.

4- Course code: FMCT 8002

5- Level: first part

6- No. of Credit / taught hours: 3

Lectures: 1 credit, 15 taught hours Practical: 2 credit, 30 taught

Total: 3/45 credit hours/actual hours

7- Authorization date of course specification: -2-2014

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.

Knowledge and understanding:

By the end of the course, student should be able to:

- a.1- discuss the principles , and updates about (fluid and electrolyte balance).
- a.2- identify the cardiovascular problems that may affect a poisoned child.
- a.3- discuss the respiratory problems that might be found in a poisoned child.

b- Intellectual skills:

By the end of the course, student should be able to:

- b.1- analyze medical problems in relation to toxicology.
- b.2- interpret medical problem related to fluid and electrolyte imbalance to be able to give good medical care in toxicological cases.
- b.3- organize professional medical dissensions according to different situations when facing medical problem in a child (during clinical training course).
- b.4- prepare solutions to medical problems in relation to toxicology in children.

c- Professional & practical skills

By the end of the course, student should be able to:

- C.1- good clinical assessment of vital signs in poisoned patient.
- C.2- Classify clinical data in professional sheet and provide good clinical care to medical problems in poisoned children.
- c.3- recognize clinical criteria for ICU admission in a poisoned child.

d-General transferable skills:

By the end of the course, student should be able to:

- d.1-Communicate effectively with the patients and their relatives, transferring them information about illness in clear and suitable words.
- d.2- Use specified topics on the library books, medical journals, and internet(eg assignments).
- d.3- Manage time and practice team working.
- d.4- Apply team working ,and lead a team in medical care application to the patients.

3) Course contents

Internal medicine course	lectures' credit hours	Practical/clinical 's credit hours	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	5
5-Electrolyte and Acid-Base Disorders	1	4	5
6-Maintenance and Replacement therapy	1	4	5

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7-principles of drug therapy and dose calculations	1	-	1
8-pediatric Emergencies and Resuscitation	2	6	8
9-Neurologic Emergencies and Stabilization	1	4	5
10-Respiratory Distress and Failure	2	4	6
11-Congestive Heart Failure (CHF), Dysrhythmias and Shock.	3	4	7
	15	30	45

4) Teaching and learning methods

Lectures, seminars, journal clubs, bed side teaching, case presentation, assignments, conference participation observation and hands on practice

5) Student Assessment

At the end of each semester:

1. Log book: at least 75% of attendance.
2. End of semester exam: at least C is required.

At the end of the first part:

1. Written.. to assess (a1,a2,a3,b1)
2. Oral .to assess (b2,b3,b4, c1, c2, d2)
3. Clinical .to assess (b2,b3,b4,c1,c2,c3,d1, d3,d4)

6) Weighing of assessments

Written examination	45 degrees
Clinical examination:	10 degrees
Oral examination:	20 degrees
Semester work	Formative only
Periodical examination	Formative only
Total	75 degrees

7) List of references:

Text books

Periodicals and web sites

Lectures' notes

8) Other resources/ facilities required for teaching and learning to achieve the above ILOs

9) We certify that all of the information required to deliver this course is contained in the above specifications and will be implemented

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We verify that the above course and the analysis of students and external evaluator opinions are accurate.

Course coordinator and head of department

name.....signature.....Date.....

Head of quality assurance unit:

name.....signature.....Date.....