

## Course Specifications

### 1- Basic information

Code : 462

Title : Subspecialty  
(Seminars in pediatric  
Medicine) 1<sup>st</sup> term

Level : 1<sup>st</sup> doctoral program

Credit hours : -

Theoretical : 48

Practical :-

Program(s) on which the course is given	: Doctoral program
Major or minor element of program	: Major
Department offering the program	: Pediatric nursing
Department offering the course	: Pediatric nursing
Date of specification approval	: 16/2/2016
Academic year	: 2019/2020

- 2- At the end of the course the doctorate student will be equipped with essential knowledge, skills, and attitudes needed to provide competent care to children during health and illness from birth to adolescence

### 3- Intended Learning Outcomes of Course (ILOs)

#### a- Knowledge and Understanding :

**By the completion of this course the student should be able to**

- a1- Describe common laboratory and diagnostic tests used in the diagnosis and management of various childhood medical conditions
- a2- Mention common medications and treatments used for management of various medical problems
- a3- Recognize risk factors associated with the different pediatric medical disorders

#### b- Intellectual Skills

**By the completion of this course the student should be able to**

- b1- Differentiate between various infectious illness occurring in childhood from birth to adolescence according to types of rash
- b2- Distinguish among different medical childhood illnesses based on the signs and symptoms.

#### c- Professional and practical skills

Not applicable

**d- General and transferable skills**

**By the completion of the course the student should be able to**

d1- Adopt self learning and continuous self evaluation

d2- Utilize interpersonal skills to communicate effectively.

d3- Motivate self learning and continuous self evaluation

d 4- Demonstrate leadership ability in conducting and managing the scientific seminars.

d 5- Use computer skills to implement course requirements

**e- Attitude**

**E1-** Appreciates and promotes patient \ client rights to autonomy, respect, Privacy, dignity, and access to information.

**E2-** Values her role as a model for less experienced nursing Care Providers and nursing students.

**E3-** Respects and encourages the patients participation in decision about health care and services.

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**4- Course Contents:**

Week	Topic	No. of hours		Tutorial/Practical
		Lecture	practical	
1	<b>Infectious Diseases</b> <ul style="list-style-type: none"><li>• Congenital infection (TORCH) 3</li></ul>	3	-	The course has no practical hours
2	<b>Infectious Diseases</b> <ul style="list-style-type: none"><li>• Differential diagnosis of rash</li></ul>	3	-	
4	<b>Neonatology</b> <ul style="list-style-type: none"><li>• Rh-isoimmunization</li></ul>	3	-	
5	<b>Neonatology</b> <ul style="list-style-type: none"><li>• Hyperbilirubinemia</li></ul>	3	-	
6	<b>Neurologic Disorders</b> Seizure Disorders (Epilepsy, Febrile Seizures, Neonatal Seizures)	3	-	
5	<b>Genetic disorders:3</b> <ul style="list-style-type: none"><li>• Patterns of Inheritance</li><li>• Turners syndrome</li><li>• Down syndrome</li></ul>	3	-	

7	<b>Endocrine disorders<sup>3</sup></b> • Growth Hormone Deficiency	3	-	
8	<b>Endocrine disorders<sup>3</sup></b> • Congenital Hypothyroidism	3		
9	<b>Endocrine disorders<sup>3</sup></b> • Cushing's Syndrome	3		
10	<b>Nutritional disorders<sup>3</sup></b> • Failure to thrive	3	-	
11	<b>Gastrointestinal Disorders<sup>3</sup></b> • Inflammatory Bowel Disease	3	-	
12	<b>Cardiology</b> • Cardiomyopathy	3	-	
13	<b>Cardiology</b> • Hypertension	3	-	
14	<b>Cardiology</b> • Hyperlipidemia	3		
15	<b>Hematological disorders:</b> • Hemolytic anemia (thalassemia – sickle cell disease). <sup>3</sup>	3	-	
16	<b>Hematological disorders:</b> • Clotting Disorders (Hemophilia) <sup>3</sup>	3	-	
	Final exam			

## 5- Teaching and learning methods :

### 5.1 Lectures

### 5.2 Semester work (Self learning via research papers presentation dictation report writing) Electronic Learning

## 6- Student Assessment :

## **A- Assessment Method**

- A.1 Semester work
- A.2 Written Examination

## **B- Time Schedule**

Semester work	Week : 16 weeks
Final - term Examination	Week :

## **C- Grading system**

Final - term Examination	% 80
Semester Work	% 20
Other types of assessment	%-

## **7- List of References**

**A - Course Note : Not applicable**

**B - Required Books (Text Books)**

Marcdante KJ, Kliegman HB, & Behrman RE (2011): Nelson Essentials Of Pediatrics, 6<sup>th</sup> ed. Saunders Co., Canada.

Kliegman RM, Jenson HB, Behrman RE, and Stanton BF (Eds) (2007). Nelson Textbook of Pediatrics, 18<sup>th</sup> ed. Saunders Elsevier Co., Philadelphia

## **C - Recommended Books**

- Lucking SE, Maffei FA ,Tamburro RF and Thomas NJ (2012): Pediatric Critical Care Study Guide: Text and Review. Springer Co., New York
- Fuhrman BP and Zimmerman JJ (2011): Pediatric Critical Care: Expert Consult Premium, 4<sup>th</sup> ed. Mosby Co., Philadelphia.
- Barry P, Morris K and Ali T (2010): Pediatric Intensive Care. Oxford University Press Co., New York.
- Derek S. Wheeler DS, Wong HR and Shanley TP (2009): Science and Practice of Pediatric Critical Care Medicine. Springer Co., New York.
- Kirpalani H, Huang LH and Duffet M (2009): Manual of Pediatric Intensive Care. PMPH Co., USA.

## **D - Periodicals, Web Sites, ...etc**

emedicine - medscape pediatrics: - [http://emedicine.medscape.com/pediatrics\\_general](http://emedicine.medscape.com/pediatrics_general)  
American Academy of Pediatrics [www.aap.org](http://www.aap.org)

## **8- Facilities required for teaching and learning**

Course Coordinator: Prof.Dr/ Mervat Abdallah Hesham

Head of Department Prof. Amal Mohamed Mohamed El-Dakhakhny

Date:    /    /

University: Zagazig University  
Faculty/Institute: Faculty of  
Nursing

Department: Pediatric Nursing Department

Course name	Seminars in pediatric nursing suspeciality (1)
Course code	462

Content of Course	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude
Unite (1): Infectious Diseases	,A.1	B.1,		D.4,	
Unite (2): Neonatology	A.3	B.2		D.1	
Unite (3): Neurologic Disorders	A.3	B.2		D.1	
Unite (4):Genetic disorders:	A.3	B.1		D.4, D.5	
Unite (5): Endocrine disorders	A.2	B.2		D.5,	
Unite (6): Nutritional disorders	A.2	B.2		, D.4, D.5,	
Unite (7): Gastrointestinal Disorders	A.2	B.2		D.1	
Unite (8): Cardiology	A3	, B.2		D.4,	
Unite (9): Hematological disorders:	A.1	B.2		D.3	

عضو هيئة التدريس :

**Prof. Dr. Mervat Abdallah Hesham**

رئيس مجلس القسم العلمي:

**Prof. Dr. Amal Mohammed EL-Da khakhny**

