

## Course Specifications

### Pediatric Nursing

### Master Program

#### 1- Basic information

**Code:** 413

**Title:** Seminars in Pediatric Nursing

**Level:** 2nd Semester

**Theoretical:** 60

**Practical :180**

**Program(s) on which the course is given** : Pediatric Nursing

**Major or minor element of program** : Major

**Department offering the program** : Pediatric Nursing

**Department offering the course** : Pediatric Nursing

**Date of specification approval** : ١٦/٢/٢٠١٦

**Academic year** : 2020 / 2021

**2- Overall aims of Course:** This course is aiming to provide master student with advanced scientific principles and concepts of pediatric nursing to provide safe effective care to children from birth through adolescence and their families during health and illness.

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

##### a- Knowledge and Understanding :

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

A.1. Identify elements of family-centered care.

A.2. Recognize the scope of practice and the professional standards for pediatric nurses.

A.3. Describe legal issues and ethical concepts related to caring of children and their families.

A.4. Recognize important concepts related to health assessment of children at different developmental stages.

A.5. Describe "family dynamics" process.

A.6. Recognize nursing responsibilities in fluid and electrolyte balance and imbalance.

A.7. Recognize concepts in caring for children from birth through adolescence.

A.8. Explain the physiologic differences in children affecting a medication's pharmacodynamics and pharmacokinetic properties.

A.9. Discuss the measures of health maintenance of newborn, infants and children at different developmental stages.

##### b- Intellectual Skills

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

B.1. Distinguish normal variations in the physical examination from differences that may indicate serious alterations in health status.

B.2. Delineate the structures, functions, and roles of families and their influence on children and their health.

- B.3. Compare factors associated with health status and lifestyle that affect a child's health.
- B.4. Differentiate between various electrolytes imbalance.
- B.5. Integrate the concepts of safe care in medication administration for children.
- B.6. Calculate recommended pediatric medication doses.
- B.7. Locate the child's needs at different developmental stages.
- B.8. Develop appropriate anticipatory guidance for common developmental issues that arise in the different developmental stages.
- B.9. Critique new research findings in each seminar.

c- **Professional and practical skills**

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

- C.1. Perform a health assessment using approaches that relate to the age and developmental stage of the child.
- C.2. Demonstrate the proper technique for administering medication to children via various routes.
- C.3. Apply safety measures when caring for children of all ages.
- C.4. Provide nursing care for normal newborn and family.
- C.5. Apply a nutritional plan for children at different developmental stages.
- C.6. Provide teaching about safety promotion for children at different developmental stages.
- C.7. Record and report deviation from normal.

d- **General and transferable skills**

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

- D.1. Use culturally competent communication when working with children and their families
- D.2. Adopt self-learning and continuous self-evaluation
- D.3. Enhance working with a team spirit and lead effectively

e- **Attitude**

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

- e1- Protects and promotes patient/ client rights to autonomy, respect, privacy, and dignity
- e2- Acts as a role model and mentor for less experienced nursing care providers and nursing students.
- e3- Communicates with patient / client with a respect for different values, cultures, intellectual levels and emotional state.

**4- Course Contents:**

Week	Topic	No. of hours		Tutorial/Practical
		Lecture	Practical	
1	Perspectives of Pediatric Nursing	4		
2	Health Assessment	4	48	<ul style="list-style-type: none"> <li>- Assess vital signs</li> <li>- Assess anthropometric measures</li> <li>- Taking history</li> <li>- Nutritional assessment</li> <li>- Assess different body parts (from</li> </ul>

				head to toe)
3	Concepts related to pediatric procedure	8	36	- Medication administration - Nutritional support - IV therapy
4	Fluids and electrolytes balance and imbalance	8	24	Nursing management of different fluids and electrolytes imbalances
5	Communication with Children	4	12	
6	Family dynamics	8		
7	Health Promotion Of Children From Birth Through Adolescence	20	60	- Apply safety measures when caring for children of all ages - Provide nursing care for normal newborn and family - Apply a nutritional plan for children at different developmental stages - Provide teaching about safety promotion for children at different developmental stages - Prepare and provide parents with proper anticipatory guidance according to child age
8	Ethical And Legal Issues In Pediatric Nursing Related to Working with Children and Their Families	4		
9	1 week is left for final assessment			

## 5- Teaching and learning methods:

- **5.1** Group discussion
- **5.2** Seminars
- **5.3** Self- learning
- **5.4** Electronic Learning

## 6- Student Assessment:

### A- Assessment Method

- Written examination.
- Oral examination.

### B- Time Schedule

- Clinical area evaluation after each clinical area
- Self learning during semester work.
- Final exam at the end of the semester.

### C- Grading system

	Score	%
- Written examination	120	40
- Oral examination	60	20
- Semester work	120	40
- Total	300	100
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### 7- List of References

#### A - Course Note: Not applicable

#### B - Required Books (Text Books)

1. Bowden VR.& Greenbery CS.(2012): Pediatric Nursing Procedures, 3<sup>rd</sup> ed. Walters Kluwer Health | Lippincott Williams and Wilkins Co., Baltimore.
2. Barker AM.(2009): Advanced Practice Nursing, Essential Knowledge for the Profession. Jones and Bartlett, NewYork.
3. Kyle T (2008): Essentials of Pediatric Nursing. Wolters Kluwer Health | Lippincott Williams & Wilkins Co., Baltimore.
4. Hokenberry MJ & Wilson D (2001): Wong's Essentials of Pediatric Nursing, 8th ed., Mosby Elsevier Co., Baltimore.
5. Hokenberry MJ & Wilson D (1995): Wong's Nursing Care of Infants and Children, 8<sup>th</sup> ed. Mosby Elsevier Co., Baltimore.

#### C - Recommended Books

1. Potts NL & Mandleco BL(Eds.) (2012), Pediatric Nursing: Caring for Children and Their Families, 3<sup>rd</sup> ed. Delmar Cengage Learning Co., Canada.
2. Pillitteri A (2009): Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family, 6<sup>th</sup> ed. Lippincott Williams & Wilkins a Wolters Kluwer business Co., Philadelphia.
3. Ashwill J, Murray SS, James SR & McKinney ES (2009): Maternal-Child Nursing, 3<sup>rd</sup> ed. Saunders Elsevier Co., Canada.
4. James SR & Ashwill JW (2007): Nursing Care of Children Principles & Practice, 3<sup>rd</sup> ed. Saunders Elsevier Co., Canada.

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

1. Nursing Children and Young People: -  
<http://nursingchildrenandyoungpeople.rcnpublishing.co.uk/>
2. Society of Pediatric Nurses: - <http://www.pedsnurses.org/>

3. Pediatric Nursing Journal: - <http://www.pediatricnursing.net/>
4. American Academy of Pediatrics [www.aap.org](http://www.aap.org)
5. Children First for Health [www.childrenfirst.nhs.uk/](http://www.childrenfirst.nhs.uk/)
6. The Children's Heart Institute  
[www.childrenheartinstitute.org/educate/eduhome.htm](http://www.childrenheartinstitute.org/educate/eduhome.htm)

ChildStats.gov <http://childstats.gov>

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

Course Coordinator: Prof. Amal Mohamed Mohamed El-Dakhakhny

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 (1)
Course code	413

Content of Course	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude
Unit I Perspectives of Pediatric Nursing	A1, A2	B8		D1, D2, D3	E1., E2.,E3
Unit II Health Assessment	A4	B1,B8	C1,C8	D1, D2, D3	E1., E2.,E3
Unit III Concepts related to pediatric procedure	A7, A8	B5, B8	C2, C3, C4	D1, D2, D3	E1., E2.,E3
Unit IV Fluids and electrolytes balance and imbalance	A6	B8, B4		D1, D2, D3	E1., E2.,E3
Unit V Communication with Children		B8		D1, D2, D3	E1., E2.,E3
Unit VI Family dynamics	A5	B2, B3, B8		D1, D2, D3	E1., E2.,E3
Unit VII Health Promotion Of Children From Birth Through Adolescence	A9	B7, B8, B6	C5, C6,C7	D1, D2, D3	E1., E2.,E3
Unit VIII Ethical And Legal Issues In Pediatric Nursing Related to Working with Children and Their Families	A3	B8		D1, D2, D3	E1., E2.,E3

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