

## Pediatric Nursing Outline

للمتقدمين للحصول على شهادة الدكتوراه للعام الدراسي ٢٠٢٢-٢٠٢٣

### **A. Pediatric nursing:**

1. Nursing care of the newborn baby
2. Nursing care of high risk newborn baby
3. The child with health problems interfere with respiration diseases
4. The child with urological problems
5. Nursing care of children with surgical cases
6. The child with gastroenteritis
7. Nursing care of children with nutritional disturbance
8. The child with health problems of cardiovascular problem
9. The child with health problem of endocrine alteration
10. Nursing Care of Children with Special Needs
11. The child with health problems related to blood and its production
12. National health programs related to child, Health education, nutritional education for children and mother and Nutritional programs
13. National and international organizations related to child health.
14. Current status of child health in Iraq, Trends in Pediatric Nursing, Ethical and cultural issues in pediatric care
15. 16. Effects of hospitalization on child and family
16. National and international organizations related to child health,
17. Role of pediatric nurse in the hospital and community
18. Drugs used in pediatric nursing

## **B. Human growth & development**

### **Part 1:**

Factors affecting children growth and development  
Principles of growth and development  
Concepts and theories of human growth and development

### **Part 2:**

Developmental tasks and special needs from infancy to adolescence,  
Developmental milestones,  
Assessment of growth and development of pediatric patients  
Developmental Problems

### **Part 3:**

#### **Behavioral Pediatric Nursing**

Parent child relationship  
Basic behavioral pediatric principles and specific behavioral  
Pediatric concepts/disorders- maternal deprivation, failure to thrive, child abuse, battered child syndrome

#### **REFERENCES:**

1. Kyle T. & Carman S. (2013). Essential of pediatric nursing. 2<sup>nd</sup> edition. Wolters Kluwer Health | Lippincott Williams & Wilkins.
2. Hockenberry M J & Wilson D. (2018). Wong's Essential of Pediatric Nursing. 10<sup>th</sup> ed. Elsevier.
3. Glasper A., Coad J., Richardson J. (2015). Children and Young People's Nursing at a Glance. Wiley Blackwell.

# وزارة التعليم العالي والبحث العلمي

جامعة بغداد، كلية التمريض

فروع تمريض البالغين

الاطار العام للاختبار التنافسي برنامج الدكتوراه 2023/2022

يهدىكم فرع تمريض البالغين أطيب التحيات. ويرحب بالزملاء/الزميلات المتقدمين للتنافس العلمي للقبول ضمن برنامج الدكتوراه بعونه تعالى. الجدول يحوي الاطار العام للمفردات المنهجية التي ينصح المتقدم بمطالعتها. وهي مشتقة من الكتب المنهجية المعتمدة.

الكتاب المنهجي	الاطار العام للمواد	*
Brunner & Suddarth's Textbook of Medical-Surgical Nursing. 14 <sup>th</sup> ed. 2018	المفردات الاساسية لاختصاص التمريض الباطني الجراحي (تمريض البالغين)	.1
Understanding the Essentials of Critical Care Nursing. 3 <sup>rd</sup> ed. 2018	المفردات الاساسية لمادة الرعاية التمريضية المرحلية	.2

## المفردات

### Covid-19 Pandemic:

- Systematic effects of the COVID-19 pandemic
- Impact of Covid-19 on the GI System
- The mechanism & treatment of gastrointestinal symptoms in patients with COVID-19
- Hematologic disorders associated with Covid-19
- Nursing Role in managing patients with Covid-19

### Management of Patients with Oncologic Disorders

- Pathophysiology of the Malignant Process
- Detection & Prevention of Cancer
- Tumor Staging & Grading
- Providing Care to the Patient with Advanced Cancer
- Managing patients with Breast cancer

### Management of patients with Musculoskeletal disorders:

- Physical Assessment, diagnostic test & procedures
- Musculoskeletal system Care Modalities
- Management of Patients with Musculoskeletal Trauma
- Management of Patients with: Osteomyelitis, Osteoporosis, Arthritis, Joint replacement, Fractures, Amputation, & Bone Tumors

### Cardiovascular System Function Assessment

- The clinical indications, patient preparation, and other related nursing implications for common tests and procedures used to assess cardiovascular function and diagnosing cardiovascular diseases.
- The various methods of hemodynamic monitoring (e.g., central venous pressure, pulmonary artery pressure, and arterial pressure monitoring) with regard to indications for use, potential complications, and nursing responsibilities.

### Management of Patients with Coronary Vascular Disorders

- The pathophysiology, clinical manifestations, & treatment of coronary atherosclerosis, angina pectoris and myocardial infarction.
- The nursing process as a framework for care of patients with a patient with acute coronary syndrome, Angina Pectoris and Myocardial Infarction.

### Management of Patients with Complications of Heart Disease

- Use the nursing process as a framework for care of patients with heart failure.
- Teaching plan for patients with heart failure.
- Management of patients with pulmonary edema and cardiogenic shock

<p><b>Management of Patients with Dysrhythmias &amp; Conduction Problems</b></p> <p><b>Management of Patients with Structural, Infectious, and Inflammatory Cardiac Disorders</b></p> <p><b>Mastering ECG interpretation skills</b></p>
<p><b>Spinal Cord Injury</b></p> <ul style="list-style-type: none"> <li>• Nursing Assessment, Diagnostic Tests &amp; Procedures, Neurologic Examination</li> <li>• Pathophysiology of Spinal Cord Injury</li> <li>• Short &amp; long-term effects of spinal cord injury</li> <li>• Nursing responsibilities when conducting diagnostic procedures to evaluate spinal cord injuries</li> <li>• Medical &amp; surgical treatment modalities during the acute phase of spinal cord injury.</li> <li>• Applying nursing process when providing care for the patient with a spinal cord injury.</li> <li>• Approaches of Preventing Further Spinal Cord Injury</li> <li>• Providing nursing care for the patient with: Spinal Shock, Impaired Bladder Function, Impaired Skin Integrity Impaired Bowel Function, Impaired Temperature Regulations, Self-Care Deficit (Feeding, Dressing, Grooming, Toileting), &amp; Disturbed Body Image</li> <li>• Setting short &amp; long-term goals of rehabilitation for the patient with spinal cord injury: (Quality of life improvement)</li> <li>• Assessment &amp; management for patients undergoing Laminectomy</li> </ul>
<p><b>Management of patients with Urinary system disorders:</b></p> <ul style="list-style-type: none"> <li>• Physical Assessment &amp; Diagnostic Evaluation</li> <li>• Nursing management of patient with Urolithiasis</li> <li>• Nursing management of patient with Acute &amp; Chronic renal failure</li> <li>• Nursing process: The patient undergoing hemodialysis</li> <li>• Nursing management of patient with renal transplantation</li> <li>• Nursing care and management of patient with UTI</li> </ul>
<p><b>Management of Patients with Hematologic Neoplasms:</b></p> <ul style="list-style-type: none"> <li>• Nursing management of patient with Acute &amp; Chronic Leukemia</li> </ul>
<p><b>Management of Patients with Metabolic &amp; Endocrine dysfunction disorders</b></p>
<p><b>Management of patient with Neurologic dysfunctions</b></p> <ul style="list-style-type: none"> <li>• Management for patient undergoing intracranial surgery</li> <li>• Management for patient with Seizures disorders</li> <li>• Management of patients with neurologic trauma: Head &amp; Brain injury</li> <li>• Management of patient with brain tumors</li> </ul>
<p><b>Gas Exchange &amp; Respiratory Function:</b></p> <ul style="list-style-type: none"> <li>•Health History, Physical Assessment, Diagnostic Evaluation, Pulmonary Function Tests Arterial Blood Gas Studies</li> <li>•Assessment of Respiratory Function in the Acutely or Critically Ill Patient</li> </ul> <p><b>Respiratory Care Modalities:</b></p> <ul style="list-style-type: none"> <li>•Noninvasive Respiratory Therapies</li> <li>•Airway Management: Tracheostomy Care, Thoracentesis, Artificial Airways, Endotracheal Tube, Intermittent Positive Pressure, &amp; Chest Tubes</li> <li>•Managing Patient Undergoing Thoracic Surgery</li> <li>•Management of Patients with Upper Respiratory Tract Disorders</li> <li>•Management of Patients with Chest &amp; Lower Respiratory Tract Disorders: e.g. Pneumonia &amp; COPD</li> </ul>

أ.م.د. صادق عبدالحسين حسن

رئيس فرع تمريض البالغين