

**مفردات المنهاج القديم**  
**١ - المادة تمريض البالغين**  
**الفصل الدراسي الأول**

<b>Topics Covered</b>
<b>1-Introduction to medical surgical nursing</b> <b>2-Nursing process: definition, objectives and steps</b> <b>3-Fundamental process of illness:</b> <b>Inflammation, Infection and healing:</b> <b>Body defense</b>
<b>Nursing care for patients with pain:</b> <b>Assessment of the factors which are causing pain</b> <b>Nursing management:</b> <b>pre-operative care</b> <b>-Surgical setting</b> <b>- Patient interview</b> <b>-NSG assessment of the pre-operative patients</b>
<b>NSG management;pre-operative</b> <b>-Physical environment</b> <b>-Surgical team</b> <b>-Classification of Anesthesia</b> <b>NSG management for post-operative care:</b> <b>-Postoperative care in the post anesthesia care unites</b> <b>-Post anesthesia care unit</b> <b>-Surgical-Specific care for the patient in the post anesthesia care unit</b> <b>-Discharge from the post anesthesia care unit.</b> <b>-Care for the postoperative patient in clinical unit.</b>
<b>Fluid and electrolytes imbalance:</b> <b>-Fluid and electrolytes in the human body.</b> <b>-Therapy and its administration methods.</b> <b>-Complications associated with I.V therapy.</b> <b>Rehabilitation nursing:</b> <b>-Objectives, basic principles in rehabilitation nursing.</b> <b>-Rehabilitation team.</b> <b>-Prevention of complication and deformities.</b>
<b>Care for patients with cancer:</b> <b>-Definition, types, signs and symptoms.</b> <b>-Methods of diagnosis and treatment of cancer.</b> <b>The patient with breast cancer:</b> <b>-signs and symptoms and method of diagnosis.</b> <b>-Nursing care and rehabilitation.</b>

**Radiation therapy**

**Nursing management for patient with digestive system disease:**

**-sign, symptoms, diagnostic measures**

**Nursing care for the patient with the following:**

**-Cancer of esophagus.**

**-Esophagus varices.**

**-Intestinal obstruction.**

**-Ulcerative colitis.**

**-Peptic ulcer and cancer of stomach.**

**-Appendicitis.**

**-Cancer of colon.**

**-Hernia.**

**-Hemorrhoids.**

**-Anal fistula and fissure.**

## 2- اللغة الانكليزية

<b>1-Tenses of English Language.</b> <b>2-Reading comprehension.</b> <b>3-Definite and indefinite article</b>
<b>1-Tenses of English Language</b> <b>2-Reading comprehension</b> <b>3-Definite and indefinite article</b> <b>4Regular and irregular verbs</b>
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### 3- طب

<b>Introduction to medicine</b>
<b>Causes of disease</b>
<b>Infection and Immunity</b>
<b>Disease of digestive system:</b>
-Hernia
-Peptic ulcer
-Peptic ulcer
<b>Stomach bleeding</b>
<b>Liver disease:</b>
-Types of hepatitis
-Liver cirrhosis
<b>Disease of respiratory system:</b>
-Pneumonia
-Asthma
<b>Tuberculosis (TB)</b>
<b>Bronchietasis</b>
<b>Endocrine disease:</b>
-Diabetes mellitus
<b>Pituitary gland disease</b>
<b>Cardiovascular disease:</b>
<b>Myocardial infraction</b>
<b>Hypertension</b>
<b>stroke</b>
<b>Blood disease :</b>
<b>Anemia</b>

<b>1-Introduction to Medical Surgical Nursing Specialties.</b>
<b>2-Care of patient with neurological disorder:</b> -Methods of diagnosis -care the patients with unconscious patient -care of patient with increase intracranial pressure. -signs , symptoms, and treatment.
- Nursing care and rehabilitation of patient with brain abscess, epilepsy, and spinal cord injury. -The intensive care unit of unconscion patient.
<b>3- Care of the patient with bones and joints disease:</b> - Methods of diagnosis -- Sign, symptoms, and treatment
Nursing care and rehabilitation of patient with orthopedic disorders cast and traction, osteomyelities, amputation, spondylelisthesis and joint disease.
<b>4- Care of patient with urological disease:</b> - Diagnostic teses. - Sign, symptoms and treatment.
-Nursing care and rehabilitation of patient with urinary tract infection . Bladder cancer, prostate hyperplasia (benign or malignant) and ureter and kidney stone.
<b>5- Nursing care of patient with kidney transplantation:</b> -Intensive care units of kidney transplantation.
<b>6- Care of patients with cardiac disease requiring surgery:</b> -Methods of diagnosis, signs, symptoms and treatment. -Nursing care and rehabilitation of patients with valvular disease of the heart. - Congenital heart diseases.
<b>7-Care of the patients in the cardiac care unit (C.C.U)</b>
<b>8- Care of the patients with vascular disease and problems of peripheral circulation:</b> - Specific diagnostic test, signs, symptoms, treatment - Nursing care and rehabilitation of patients with varicose veins, arteriosclerosis and Burgers disease.
<b>9-Care of patients in disaster</b>
<b>10-Care, treatment and rehabilitation of patients with burns</b>
<b>11-Nursing care of patients with skin disorders:</b> - Diagnostic methods, signs, symptoms and treatment. -Nursing care and rehabilitation of patients with dermatitis eczema, psoriasis, syphilis and gonorrhea
<b>12- Care of patients with eye condition:</b> - Diagnosis, signs and symptoms. - Nursing care and rehabilitation of patients cataract, glaucoma, conjunctivitis, trachoma and retinal detachment.
<b>13- Nursing care of patients with ear, nose, and throat disorders:</b> -Diagnostic test, signs, symptoms and treatment. -Nursing care and rehabilitation of patients with otitis media, epistaxis, cancer of larynx, tonsillitis, and tonsillectomy.

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### 3- جراحة

<b>Topics Covered</b>
Introduction to surgery and the role of nursing in surgery.
Inflammation and its types, wound classification, wound healing and wound management.
Surgical infections, hospital acquired infection and their management.
Fluid, electrolyte and acid-base balance and parental nutrition.
Postoperative complications of surgery in general.
Acute appendicitis (etiology, presentation, investigations, differential diagnosis and management).
Hernia (classification, etiology, pathology, and types).
Thyroid diseases (Anatomy, physiology). Goiter (classification, causes, presentation, investigations, management and postoperative complications).
Breast diseases (Anatomy, Lumps, and presentation), nipple discharge, and breast pain. Breast cancer (investigations, staging and management).
Peptic ulcer disease (causes, presentation, investigations, complications and management).
Upper gastrointestinal bleeding (causes, investigations, complications and management).
Gall bladder disease (causes, presentation, investigations and management).
Intestinal obstruction (causes, presentation, investigations and management).
Respiratory disorders (lung abscess, cancer and tuberculosis)

## المنهاج الجديد (المرحلة الثانية)

### الفصل الدراسي الأول

#### التقييم الصحي

#### **Unit 1: Introductory Overview to Health Assessment:**

**(4) hrs.**

- Collecting data.
- Assessment, interview and health history.
- Functional health patterns.
- Health perception and health management.
- Nutrition and metabolism.
- Elimination.
- Activity and exercise.
- Cognitive and perception.
- Sleep and rest.
- Self perception and self-conception.
- Roles and relationship.
- Sexuality and reproduction.
- Coping and stress tolerance.
- Value and beliefs.

#### **Unit 2: Physical Examination Techniques:**

**(2) hrs.**

- Inspection.
- Palpation.
- Percussion.
- Auscultation.

#### **Unit 3: Head- to- Toe Physical Examination Guidelines:**

**(24) hrs.**

- Observation and recording.
- Using the physical techniques.
- Procedures of examination from head-to- toe:
  - General appearance.
  - Skin, hair and nail.
  - Face (eyes, mouth, nose, ears) and neck.
  - Lymph nodes and thyroid gland.
  - Upper extremities.
  - Muscular skeletal.
  - Anterior chest (lungs, heart) and breast.
  - Posterior chest (lungs) & vertebrae
  - Abdomen.
  - Lower extremities.
  - Central nervous system and cranial nerve
  - Genital area

## المنهاج الجديد (المرحلة الثالثة)

### الفصل الدراسي الأول

#### ١ - تمريض البالغين

**Unit 1:** Introduction to adult nursing.

**Unit 2: Principles and Practices of Rehabilitation**

- Objectives, basic principles in rehabilitation nursing.
- Rehabilitation team.
- Prevention of complication and deformities.

**Unit 3: Oncology: Nursing Management in Cancer Care:**

- Definitions.
- Types.
- Sign and symptoms.
- Methods of Diagnosis.
- Treatment of cancer.
- Radiation therapy.

**Unit 4: The patient with breast cancer:**

- Sign and symptoms.
- Methods of diagnosis.
- Nursing care and rehabilitation.

**Unit 6: Nursing management for patient with digestive system disease.**

- Sign and symptoms, and diagnostic measures.
- Nursing care for the patient with the following:
  - Intestinal obstruction.
  - Hernia.
  - Ulcerative colitis.
  - Peptic ulcer.
  - Cancer of stomach.

**Unit 7: Assessment of patient with Hepatic, biliary and pancreas diseases**

Sign, symptoms and diagnosis of liver disease.

- Nursing care and rehabilitation for the following diseases:
  - Hepatitis.
  - Liver cirrhosis.
  - Cholelithiasis.

**Unit 8: Nursing Care for patients with endocrine system disease:**

Nursing management for patient with diabetes mellitus.

**Unit 9: Assessment and management for patients with Hematologic Disorder.**

The components of blood.

- Laboratory and diagnostic studies are used.
- Evaluating the hematological and lymphatic systems.
- The etiologies, signs, and symptoms o-Leukemia.
- Hodgkin's disease Hemorrhagic disorder, Anemia.
- Nursing care will provide for patients with hematological disorders.
- Nursing care will provide for patients with lymphatic disorders.

**Unit 10: Nursing Management for patient with Structural, infectious and Inflammatory cardiac disorders**

- Bacterial endocarditic.
- Rheumatic fever.
- Assessment and management of patients with hypertension.

- Assessment and management of patients with vascular disorders and problems of peripheral circulation.
- Anatomy & physiology factors that affect peripheral blood flow and tissue oxygenation.
- Use appropriate parameters for assessment of peripheral circulation compare the various diseases of arteries and their causes, path physiologic changes, clinical manifestations, management and prevention.
- Describe the prevention and management of Thromboangiitis Obliterans (Buerger's disease).
- Compare strategies to prevent venous insufficiency and varicose veins.

**Unit 11: Nursing care for patient with respiratory disease:**

- Diagnostic test, sign, symptoms, and treatment.
- Nursing care and rehabilitation for patient with:
  - Bronchitis.
  - Pneumonia.
  - Broncholitis.
  - Emphysema.
  - Cancer of lung.

**Unit 12: Management of Patients with Musculoskeletal system Disorder.**

- Musculoskeletal Infection (Osteomyelitis).

**Management of Patients with Musculoskeletal:**

- Fracture
- Amputation

**Unit 13: Assessment and management of Patient with Eye and Vision Disorder**

**Unit 14: Assessment and management of Patient with ENT Disorder**

المنهاج الجديد (المرحلة الرابعة)  
الفصل الدراسي الأول  
العناية التمريضية بالحالات الحرجة

**Unit 1: General concepts in caring for critically ill:**

- Nutritional support.
- Mechanical ventilation.
- Homodynamic monitoring.
- Sedating and paralytic agents.
- Alteration in consciousness.
- Pain.
- Prolonged immobility.

**Unit 2: The concept of holism applied to critical care nursing:**

- The client's experience with critical illness.
- The family's experience with critical illness.
- Impact of critical care environment on the client.
- Relieving pain and providing comfort.
- Psychosocial support for the clients and their families.
- Client and family education in critical care.

**Unit3: Professional practice issues in critical care:**

Ethical issues in critical care nursing.

- Legal issues in critical care nursing.
- Excellence in critical care nursing.

**Unit 4: Special Populations in critical care:**

- The critically ill pediatric client.
- The critically ill pregnant woman.
- The critically ill older client.
- The post anesthesia client.

**Unit 5: Common Cardiovascular Disorders:**

- Management of patients with coronary vascular disorder.
- Describe the pathophysiology, clinical manifestations and treatment of acute coronary syndrome.
- Describe the pathophysiology, clinical manifestations and treatment of myocardial infarction.
- Describe the pathophysiology, clinical manifestations and treatment of angina pectoris.
- Describe the pathophysiology, clinical manifestations and treatment of Heart failure/ pulmonary edema.
- Describe the pathophysiology, clinical manifestations and treatment of Cardiogenic shock.
- Describe the nursing care of a patient who has undergoing cardiac.

**Unit 6: Common Respiratory Disorders:**

- Refractory severe asthma.
- Acute lung and acute respiratory distress syndrome.
- Pneumothorax.
- Acute respiratory failure.
- Nursing intervention and management.

**Unit 7: Renal Failure:**

- Acute renal failure.
- Renal transplantation.
- Renal replacement therapies.
- Nursing intervention and management. .

**Unit 8: Multisystem Trauma:**

- Wound management.
- Head and facial trauma.
- Mechanism of Injury.
  - Bullet Injury
  - Penetrating Injury
- Initial Assessment and management
  - Prehospital Management
  - Inhospital Management
- Specific Injury
  - Spinal cord and neck trauma.
  - Thoracic Trauma.
  - Abdominal Trauma.
  - Musculoskeletal Injuries.
  - Maxillofacial Trauma
- Complication of Multiple Trauma
  - Early Complication
  - Late Complication
- Burns.

**الفصل الدراسي الثاني (المرحلة الرابعة)**  
**العناية التمريضية بالحالات الحرجة**

**Unit 1: nervous System:**

- Common Neurosurgical and Neurological disorders
  - Neurological surgery.
    - Brain tumor.
    - Aneurysms.
    - Arteriovenous Malformation Surgical Approaches.
  - Neurological disorders
    - Stroke
    - Seizures
    - Guillian-Barre Syndrome
    - Myasthenia gravis
  - Meningitis
  - Nursing Intervention and Management

**Unit 2: Gastrointestinal dysfunction:**

**Common gastrointestinal disorders**

- Acute Gastrointestinal Bleeding.:
  - Upper gastrointestinal Bleeding
  - Lower gastrointestinal Bleeding
- Intestinal Obstruction and illus
  - Small Bowel Obstruction
  - Colonic Obstruction illus
- Acute Pancreatitis:
  - Etiology.
  - Pathophysiology.
  - Clinical Presentation.
  - Assessment .
  - Complication.
  - Management
- Hepatitis
  - Etiology
  - pathophysiology
  - Assessment
  - Management
- Complication of Liver Disease
  - Cirrhosis
  - Hepatitis Encephalopathy
  - Hepato-renal Syndrome
- Spontaneous Bacterial Peritonitis
- Gastroesophageal Varices.
- Enterocutaneous Fistulas.
- Nursing intervention and management.

### **Unit 3: Endocrinologic dysfunctions:**

#### **Common Endocrine Disorder**

- Thyroid Dysfunction
  - Thyrotoxic Crisis (Thyroid Storm).
  - Myxedema Coma
- Adrenal Gland Dysfunction
  - Adrenal Crisis
- AntiDiuretic Hormone Dysfunction
  - Diabetes Insipidus
- Emergencies for Patient with Diabetes Mellitus
  - Diabetic Ketoacidosis
  - HyperOsmolar Hyperglycemic Syndrome
  - Hypoglycemia.
- Hyperglycemic Hyperosmolar Nonketotic Syndrome.
- Diabetes Insipidus.
- Syndrome of inappropriate Antidiuretic Hormone.
- Nursing intervention and management.

### **Unit 4: Hematological and immune dysfunctions:**

- Use the nursing process as a framework for care of patients with lymphoma or multiple myeloma.
- Use the nursing process as a framework for care of patients with Bleeding and thrombotic disorders.
- Use the nursing process as a framework for care of patients with Common immunological disorders.

### **Unit 5: Multisystem Dysfunction:**

- Systemic Inflammatory Response Syndrome (SIRS), Sepsis and Septic Shock.
  - Etiology of Shock
  - Pathophysiology of Shock
  - Tissue oxygenation and perfusion
  - Compensatory Mechanisms
  - Stage of Shock
  - Classification of Shock
  - Hypovolemic Shock
  - Cardiogenic Shock
  - Anaphylactic Shock
  - Distributive shock states
- Multiple Organ Dysfunction Syndrome (MODS).
  - Etiology
  - Pathophysiology
  - Assessment
  - Management
- Organ Rejection.
- Drug Overdose and poisoning
  - The poisoned overdosed patient
  - Poisoning
  - Substance abuse and overdose
  - Assessment

- Triage
- History
- Physical exam
- Laboratory studies
- Management
- Stabilization
- Initial Decontamination
- Gastrointestinal decontamination
- Enhanced elimination of the drug or toxin
- Antagonists, antitoxins, and antivenius
- Continuous patient monitoring
- Patient teaching
- Fluid and Electrolyte Disturbances.
  - Acid – Base Imbalances.
- Emerging Infections.
- Nursing intervention and management.

#### **The Laboratory Content**

- Hygiene of critically ill client. (3) hrs.
- Electrolyte fluid and plasma replacement and calculation. (3) hrs.
- Venous cut down procedure and management. (3) hrs.
- Oxygen therapy and airway management. (3) hrs.
- D.C shock procedure. (3) hrs.
- Nasogastric tube insertion and management. (3) hrs.
- Gastric lavage and poisoning procedure. (3) hrs.
- Tracheostomy intubations management. (3) hrs.
- Suctioning. (3) hrs.
- Using and maintenance of crash cart. (3) hrs.

**نسبة التغيير: 100%** وذلك لتطبيق المنهاج الجديد في العملية الدراسية في الكلية  
ملاحظة: تم إلغاء مادة الطب ومادة الجراحة، مادة اللغة الانكليزية أصبحت تدرس فقط في المرحلة  
 الأولى