



Course Teaching Plan

Academic year: 2023 /2024

Semester: 2nd semester

Department: Medical Surgical Nursing

Course name: Advanced Medical Surgical Nursing

Course code: MM201

Course credit hours No.: Theoretical (3h/week)

Academic Staff Members	Lectures	Date Day/Week	Place	Teaching Method	The Target Group	Evaluation Methods
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan Badran Assist. Prof. Eman heggy	-Fluid and Electrolytes: Balance and Distribution and Acid – Base Disturbance Fluid volume disturbance Electrolyte disturbance - Pain Management -Management of patients with Burn injury	1 st week & 2 nd week	Classroom teaching	✓ Interactive lectures ✓ Presentations ✓ Assignments	All Master registered students	Final written exam in 16 th week
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan Badran Assist. Prof. Eman heggy	- Management of Patients With Cerebrovascular Disorders Anatomy and physiology of cardiovascular system - Assessment of cardiovascular function - Cardiovascular problems and its management <ul style="list-style-type: none"> • Hypertension • Coronary artery disease • Ischemic heart disease • Inflammatory cardiac diseases: (MVS, MVR, OVS, OVR), Valvular replacement •Heart Failure 	3 rd week & 4 th week				
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan Badran	<u>Management of patients with Hematological Disorders :</u> <ul style="list-style-type: none"> - Anemia - Polycythemia Vera - Leukemia - Thrombocytopenia 	5 th week				



Assist. Prof. Eman heggy						
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan Badran Assist. Prof. Eman heggy	Management of patients with Respiratory Disorders : - Anatomy and physiology of Respiratory system - Assessment of Respiratory system -Pneumonia, TB - Lung abscess - Lung cancer - COPD - Respiratory Failure	6 th week				
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan Badran Assist. Prof. Eman heggy	<u>Management of Patients With Upper or Lower Urinary Tract Dysfunction:</u> - UTI - Urinary calculi - Urinary Diversion - Chronic Renal failure	7 th week				
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan Badran Assist. Prof. Eman heggy	<u>Management of patients with Endocrine Disorders:</u> - Diabetes Mellitus - Hypo and hyperthyroidism Management of patients with Hepatic and Biliary Disorders - Hepatitis - Liver cirrhosis - Liver tumor - Disorder of the Gallbladder and pancreas •	8 th week				
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan	<u>Management of patients with Gastrointestinal Disorders:</u> - Anatomy and physiology of Gastrointestinal system - Assessment of Gastrointestinal system function	9 th week				



Badran Assist. Prof. Eman heggy	<ul style="list-style-type: none">- Gastrointestinal disorders:<ul style="list-style-type: none">• Peptic ulcer• Upper and lower gastrointestinal bleeding• Piles• Intestinal bowel obstruction					
Prof.Dr. Wafaa Ismail Assist. Prof. Hanan Badran Assist. Prof. Eman heggy	<u>Management of Patients With Neurologic Dysfunction:</u> <ul style="list-style-type: none">- Anatomy and physiology of nervous system- Assessment of nervous system function- Neurological I disorders<ul style="list-style-type: none">• Cerebrovascular accident• Epilepsy• Brain tumour	10 th week				
	<u>Management of Patients With Musculoskeletal Disorders:</u> <ol style="list-style-type: none">1. Infections/Inflammatory disorders<ol style="list-style-type: none">a. Osteomyelitisb. Rheumatoid Arthritis2. Metabolic disorders:<ol style="list-style-type: none">a. Osteoporosis3. Degenerative disorders<ol style="list-style-type: none">a. Osteoarthritis	11 th week				
	<u>Management of patients with immunological Disorders:</u> <ul style="list-style-type: none">-Anatomy and physiology of immune system-Assessment of immune system function-Rheumatic disorders	12 th week				



	- Acquired immunodeficiency syndrome - Systemic Lupus Erythematosus (SLE) & Scleroderma					
	<u>Management of Patients With Oncologic</u> - Cancer overview. - Breast cancer. - lung cancer. - Colorectal Cancer. - Nursing management of oncology patients, and new technologic changes and updates in diagnosis and therapies.	13 th week				
	<u>Management of Patients Undergoing Organ Transplantation:</u> - Organ Transplantation Overview - Bone Marrow Transplantation - Kidney Transplantation - Liver Transplantation - Heart Transplantation	14 th week				

Teaching staff

Prof. Dr. Wafaa Ismail

Assist. Prof. Hanan Badrane

Assist. Prof. Eman Heggy

Course coordinator

Assist. Prof. Eman Heggy

Head of the department

Prof. Dr. Wafaa Gamil