

Medical Surgical Nursing Teaching Plane 1st Semester 2020

Course description

This course introduces concepts related to the nursing care of adult clients with acute and chronic alterations in health. Emphasis is placed on utilizing the nursing process as a framework for providing and managing nursing care to adult clients along the wellness-illness continuum. Upon completion, students should be able to provide safe & efficient nursing intervention for adult clients in medical surgical departments based on steps of nursing process & evidence based nursing practice. As well as, should help students to develop advanced nursing skills & interventions in various medical surgical conditions.

General objectives

Upon completion of this course the student will be able to:

1. Recognize health alterations and principal manifestations of common disorders.
2. Applying physical assessment for adult clients within different body systems disorders.
3. Utilize the nursing process in assessing, planning, implementing and follow up care of the patient with acute and chronic health disorders E.G: (Preoperative Management, Cardiovascular & Respiratory Disorders, Oncology and Burn).
4. Define the appropriate terminology related to disease processes
5. Discusses clinical manifestations related medical surgical disorders.

6. List risk factors related to the disease processes, diagnostic test medical & surgical management and nursing interventions of common medical surgical disorders.
7. Utilize critical thinking skills while applying the nursing process to provide safe and accurate clinical judgments during the delivery of care to adult clients in the medical surgical departments.
8. Provide health education for adult clients & their families in different situations.
9. Applying evidence based nursing practice while proving nursing intervention for adult clients.
10. Considers nursing ethics, values & patient wrights during their nursing interventions.

Medical Surgical Nursing Staff

Lecturers

Prof. Dr. Nadia Taha

Ass. Prof. Dr. Fathia Atia

Dr. Elham Hamad

Dr. Howaida Kameel

Dr. Amal Hemed

Dr. Mona Abdalla

Dr. Samah Mahmoud

Assistants

Dr. Mohamed Hebeshy

Dr. Hala Abd Elsabour

Dr. Osama Salha

Dr. Aya Abd Elfadeial

Dr. Esra Hanafy

Dr. Asmaa Elsyiad Mohamed

I. Sabah Mousa

I. Asmaa Mohammad Mohammed

I. Lamiaa Zaki

I. Tyesier Esam

I. Rasmia Zaki

I. Ahmed Elmarakby

I. Ahmed Salem

Theoretical lectures of Medical Surgical course 1st semester

	Topic
1	Nursing management for common diagnostic tests 1. CT Scan 2. MRI 3. Angiography 4. Endoscopy 5. Ultrasound 6. X-ray
2	Nursing Care of Patients with Neurological Disorders
	1. An over view of neurological system 2. Assessment & diagnostic test of neurological system 3. Meningitis 4. Seizures 5. Headache 6. Head trauma 7. stroke 8. Spinal cord injury 9. vertebral disc 10. Bell's Palsy
3	Nursing Care of Patients with Hematological Disorder
	1. An over view regarding blood composition & functions 2. Assessment For Client with blood disorders 3. Iron deficiency anemia 4. Pernicious anemia. 5. Aplastic anemia 6. Sickle cell anemia 7. Disseminated intravascular coagulopathy 8. Thalassemia major 9. Polycythemia 10. Leukemia 11. Application of Nursing process for patient with blood disorders
4.	Nursing Care of Patients with Respiratory Disorders
	1. Review of anatomy , physiology of respiratory tract 2. Assessment & Diagnostic test of respiratory system

	<ol style="list-style-type: none"> 3. Rhinitis & Influenza 4. Tonsillitis & Adenoiditis 5. Epistaxis & Sleep Apnea Syndrome 6. Acute Bronchitis & Pneumonia 7. Chronic obstructive pulmonary disease. 8. Bronchial asthma 9. Pulmonary embolism. 10. Pulmonary emphysema 11. Tuberculosis 12. Chest trauma 13. Application of Nursing process for patient with RDs
5	Cardiovascular and Circulatory Disorders
	<ol style="list-style-type: none"> 1. Revision anatomy & physiology of cardiovascular system 2. Assessment of cardiovascular system 3. Hypertension 4. Atherosclerosis 5. Varicose veins 6. Thrombophlebitis & DVT 7. inflammatory heart diseases 8. Valvular heart diseases 9. Myocardial infarction 10. Angina 11. Congestive heart failure 12. Care of patient for cardiac surgery 13. Application of Nursing process for patient with CVDs
6	Nursing Care of Patients with Digestive and Gastrointestinal Disorders
	<ol style="list-style-type: none"> 1. Revision anatomy & physiology of GITs 2. Assessment of GITs 3. Care of anorexia N , & V 4. Care of pt. with diarrhea & constipation 5. Stomatitis, & GERD 6. Gastritis & PUD 7. Appendicitis & Intestinal obstruction 8. Hemorrhoid & anal fissure 9. Inflammatory bowel disease

<p>10.Liver cirrhosis & Hepatitis. 11.Cholecystitis & Cholelithiasis. 12.Application of Nursing process for patient with GIDs</p>

Inform teaching of theoretical plan 1st term (2019-2020)

Day	Time	Group	Class
Saturday & Sunday	9 am-11am	GA	مدرج الفرقة الثانية بالكلية
Monday & Thursday	9 am-11am	GB	مدرج الفرقة الثانية بالكلية

Clinical Medical Surgical Nursing & Procedures

Dr. Mohamed Hebashy + Ahamad Elmarakpy

NO	Content
1	Assessment Level of Conscious
2	Lumber puncture
3	Blood transfusion
4	Arterial Blood Gases
5	Chest physiotherapy & Heimlich Maneuver
6	Suctioning
7	Tracheotomy

8	Chest tube
9	Thoracentesis
10	Care of Mechanical Ventilation
12	Electro cardiogram (ECG)
13	Central Venous pressure
14	Nasogastric tube & TPN
15	Paracentesis
16	Stoma care

Theoretical Practical Plan

Day	Time	Group	Class
Saturday & Sunday	11 am-3pm TP	GA	مدرج الفرقة الثانية بالكلية
		GB Hospital 9 to 1	
Monday & Thursday	11 am-3pm TP	GB	مدرج الفرقة الثانية بالكلية
		GA Hospital 9 to 1	

**توزيعة محاضرات النظرى حسب المحاضرين للعام الجامعى
2019/2020 (First Term)**

Plane of Lecture Distribution by Dates & Staffs

Weeks	Date	Topics	Academic Staff
1 st	Saturday	Nursing management for diagnostic tests	Dr. Amal Hemed
	Sunday	Introduction & Assessment of cardiovascular system	Dr. Elham Hamad
	Monday	Nursing management for diagnostic tests	Dr. Amal Hemed
	Tuesday	Introduction & Assessment of cardiovascular system	Dr.Elham Hamad
2 nd	Saturday	Revision anatomy , physiology & Assessment of GITs	Dr. Samah Mahmoud
	Sunday	Care of pt. with Atherosclerosis & Hypertension	Dr.Elham Hamad
	Monday	Revision anatomy , physiology & Assessment of GITs	Dr. Samah Mahmoud
	Tuesday	Care of pt. with Atherosclerosis &Hypertension	Dr.Elham Hamad
3 rd	Saturday	Care of Pt. with anorexia N , & V	Dr. Samah Mahmoud
	Sunday	Care of pt. with Thrombophlebitis , DVT & Varicose Veins	Dr. Elham Hamad
	Monday	Care of Pt. with anorexia N , & V	Dr. Samah Mahmoud
	Tuesday	Care of pt. with Thrombophlebitis , DVT & Varicose Veins	Dr. Elham Hamad
4 th	Saturday	Care of pt. with diarrhea & constipation	Dr. Samah Mahmoud
	Sunday	Care of pt. with Valvular heart diseases & inflammatory heart diseases	Dr. Elham Hamad
	Monday	Care of pt. with diarrhea & constipation	Dr. Samah Mahmoud
	Tuesday	Care of pt. with Valvular heart diseases & inflammatory heart diseases	Dr. Elham Hamad
5 th	Saturday	Care of pt. with Stomatitis, Gastritis & GERD	Dr. Samah Mahmoud
	Sunday	Care of pt. with Myocardial infarction & Angina	Dr. Elham Hamad

	Monday	Care of pt. with Stomatitis, Gastritis & GERD	Dr. Samah Mahmoud
	Tuesday	Care of pt. with Myocardial infarction & Angina	Dr. Elham Hamad
6 th	Saturday	Care of pt. with PUD & Appendicitis	Ass. Prof.Dr.Fathia Attia
	Sunday	Care of patient with cardiac surgery	Dr. Elham Hamad
	Monday	Care of pt. with PUD & Appendicitis	Ass. Prof.Dr.Fathia Attia
	Tuesday	Care of patient with cardiac surgery	Dr. Elham Hamad
7 th	Saturday	Care of pt. with Intestinal obstruction, Hemorrhoid, & anal fissure	Ass. Prof.Dr.Fathia Attia
	Sunday	Heart failure & Care of patient with C.V disorders	
	Monday	Care of pt. with Intestinal obstruction, Hemorrhoid, & anal fissure	Ass. Prof.Dr.Fathia Attia
	Tuesday	Heart failure & Care of patient with C.V disorders	Dr. Elham Hamad
8 th	Saturday	Care of pt. with & inflammatory bowel disease	Ass. Prof.Dr.Fathia Attia
	Sunday	Review of anatomy , physiology of respiratory tract Assessment & Diagnostic test of respiratory system	Dr. Amal Hemed
	Monday	Care of pt. with & inflammatory bowel disease	Ass. Prof.Dr.Fathia Attia
	Tuesday	Review of anatomy , physiology of respiratory tract Assessment & Diagnostic test of respiratory system	Dr. Amal Hemed
9 th	Saturday	Care of pt. with Liver cirrhosis & Hepatitis	Ass. Prof.Dr.Fathia Attia
	Sunday	Care of pt. with Rhinitis & Influenza Tonsillitis & Adenoiditis	Dr. Amal Hemed
	Monday	Care of pt. with Liver cirrhosis & Hepatitis	Ass. Prof.Dr.Fathia Attia
	Tuesday	Care of pt. with Rhinitis & Influenza Tonsillitis & Adenoiditis	Dr. Amal Hemed
10 th	Saturday	Care of pt. with Epistaxis & Sleep Apnea Syndrome Acute Bronchitis & Pneumonia	Dr. Amal Hemed
	Sunday	An over view regarding blood composition & functions Assessment For Client with blood disorders	Dr. Howida kameel
	Monday	Care of pt. with Epistaxis & Sleep Apnea Syndrome Acute Bronchitis & Pneumonia	
	Tuesday	An over view regarding blood composition & functions Assessment For Client with blood disorders	Dr. Howida kameel
11 th	Saturday	Care of pt. with Chronic obstructive pulmonary disease	Dr. Amal Hemed
	Sunday	Care of pt. with Iron deficiency anemia Pernicious anemia.	Dr. Howida kameel

		Care of pt. with Aplastic anemia Sickle cell anemia	
	Monday	Care of pt. with Chronic obstructive pulmonary disease.	Dr. Amal Hemed
	Tuesday	Care of pt. with Iron deficiency anemia Pernicious anemia aplastic anemia Sickle cell anemia	Dr. Howida kameel
12th	Saturday	Bronchial Asthma , Pulmonary Emphysema& Pulmonary embolism.	Dr. Amal Hemed
	Sunday	An over view of neurological system Assessment & diagnostic test of neurological system Care of pt. with Meningitis	Dr. Mona Abdallah
	Monday	Care of pt. with Bronchial Asthma , Pulmonary Emphysema& Pulmonary embolism.	Dr. Amal Hemed
	Tuesday	Seizures Headache	Dr. Mona Abdallah
13th	Saturday	Care of pt. with Chest trauma	Dr. Amal Hemed
	Sunday	Care of pt. with Head trauma,& Stroke	
	Monday	Care of pt. with Chest trauma	Dr. Amal Hemed
	Tuesday	Care of pt. with Head trauma,& Stroke	
14th	Saturday	Disseminated intravascular coagulopathy Thalassemia major Polycythemia Leukemia	Dr. Howida kameel
	Sunday	Care of pt. with Spinal cord injury, Vertebral disc & Bell's Palsy	Dr. Mona Abdallah
	Monday	Disseminated intravascular coagulopathy Thalassemia major Polycythemia Leukemia	Dr. Howida kameel
	Tuesday	Care of pt. with Spinal cord injury, Vertebral disc & Bell's Palsy	Dr. Mona Abdallah

توزيع مجموعات العمل بالمستشفيات للعام الجامعي
2019 / 2020 1st semester

يتم تقسيم كلا من مجموعة أ ، ب الى 10 مجموعات بعملى المستشفى

Clinical Staff	Location	Groups
Dr.Aya Abdelfadel	Accident Hospital	G1
D. Lamia Zaky		G2
Dr. Asraa Hnafy	El-Ahrar Hospital	G3
Dr.Sabah Mousa		G4
Dr.Osama Salah		
Dr.Ahmed Salm	Cardio-thoracic Hospital	G5
Dr. Rasmia zaky		G6
Dr. Asma Mohammad	General medical Hospital	G7
Elsyid		
Dr. Tyser osam		G8
Dr. Hala Abd Elsabour.	Elsalm Hospital	G9
Dr.Asma Mohamad		G10

جدول الاشراف بقسم تمريرى الباطنة والجراحة الفرقة الثانية علي
المستشفيات 2019/ 2020

**Clinical Supervision of lecturers on hospitals Training 1st
semester 2019 - 2020**

Supervisors	Location
Dr. Samah Mahmoud	Accident hospital
	General medical Hospital
Dr. Mona Abdalla	Cardio-thoracic Hospital
Dr. Howida kameel	New Surgery Hospital
Dr/ Aml Hemeed	El-Ahrar Hospital

Clinical area Evaluation Sheet

Section:

Date:

Student's Name:

Student's Code:

Items of Evaluation	Allotted Grade	Marks obtained
<u>Student attendance</u>	(10)	
■ Absenteeism	5	
■ Behavior	5	
<u>I. Nursing Care Plan (Plan Within 60 minutes)</u>	(10)	
■ Assessment	2	
▪ History taking ▪ Physical Examination ▪ Identification of Problem		
■ Nursing Diagnosis	2	
▪ Priorities ▪ Relevance ▪ Completeness		
■ Patient's Goal	1	
▪ Measurable ▪ Observable ▪ Concise ▪ Logic		
■ Nursing Intervention & rational	5	
▪ Priorities ▪ Relevance ▪ Completeness		
<u>II. Scientific Knowledge</u>	(10)	
■ Related to Patient medical diagnosis	2	
■ Diagnostic evaluation	1	
▪ Diagnostic procedures ▪ Lab investigations		
■ Medication	4	
Action, Side effects & Nursing role		
▪ Patient education	3	
■ Nursing Procedure According to Checklist	10	
<u>IV. Charting and Recording</u>	(5)	
■ Accuracy	2	
■ Completeness	1	
■ Relevance	2	
<u>V. Communication</u>	5	
Total score	50	

Teacher comment.....

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Signature.....

Physical Assessment

NEUR M S C	LOC	Oriented	Disoriented	Unresponsive							
	MOOD	Normal	Anxious	Sad Depressed							
	SPEECH	Normal	Dysphasia	Aphasia							
	SWALLOWING	Normal		Dysphagia							
	MOBILITY	Normal		Altered Balance/Gait							
	JOINTS	ROM	Redness Edema	Stiff Spasms							
R E S P &	RHYTHM	Regular	Irregular	Paradoxical	Breath Sounds Anterior: <table style="display: inline-table; border-collapse: collapse;"><tr><td style="border-right: 1px solid black; padding: 0 5px;">R</td><td style="padding: 0 5px;">L</td></tr><tr><td style="border-right: 1px solid black; padding: 0 5px;">R</td><td style="padding: 0 5px;">L</td></tr></table>	R	L	R	L		
	R	L									
	R	L									
	DEPTH	Normal	Shallow	Deep							
	Dyspnea	No	At Rest	With Activity							
	Cyanosis	No	Central	Peripheral							
	Cough	No	Dry	Productive							
Sputum	_____										
O2 Therapy	_____ Liter ' / minutes										
	Chest Tubes:	_____									
C V S	Chest Pain	No	Yes								
	Apical Pulse	Rhythm-----		Regular / Irregular							
	Capillary Refill	=	≤	≥	seconds						
	Edema	No	Yes								
	Site : R/L Ankle	R/L Lower Leg	R/L Lower Arm	Sacral							
		Score: 0	+1	+2	+3 +4						
IV	No	Yes (Peripheral / Central)									
	Site	_____ Infusion (I/O Flow sheet)		Locked							
	Site Integrity	Inflamed : No / Yes		Pain: No / Yes Redness: No / Yes							
S K I N	Intact	Yes	No -----		Rash						
	Color	Normal	Pale	Flushed	Jaundiced Cyanosis						
	Temperature	Warm	Hot	Cool	Dry	Diaphoresis					
P A I N	Site:	-----									
	Relieving factors	-----									
	Enhancing factors	-----									
		0	1	2	3	4	5	6	7	8	9
	----->										
	Circle severity number										

G
I
T
&
R
E
N
A
L

NPO: No / Yes **NPO Since** Date/Time-----

Oral Mucous Membranes: Moist Y/N

Diet: Oral TPN Enteral Gastric

Tube type: NG R / L Nares

NG suction: Intermittent Low Gravity

Appetite Anorexia Nausea Emesis Describe: -----

Abdomen: Soft Tender Firm Distended Rigid Dull

Bowel Sounds: Normal Hypoactive Hyperactive Absent

Bowel: Normal Constipation Diarrhea Melina

Voiding: Continent Incontinent Frequency Burning Painful Nocturia

Hematuria Retention

Dialysis: Hemodialysis / Peritoneal

Catheter: Foley Supra-pubic Peritoneal A/V Fistula

Closed Drainage System

Urine: Character: Color _____ Amount _____

Other Collection Devices: No Yes Colostomy Uretrotomy

Diagnostic tests: CBCs BUN Creatinine SGOT SPOT Bilirubin Albumin ABGs
 Urine / Stool / Sputum analysis, PT, PTT Glucose Lipids Cardiac markers
 X-ray Ultrasound CT Scan MRI Cardiac catheter ECG EEG
 Others.....

Based On Physical Assessment, Conclude the Main Pt. Complain
& formulate Nursing Diagnosis

Pt. Complains	Nursing diagnosis
	Actual
	Potential

Vital Signs

Time	Temp.	P	BP	R	Comment
9 AM					
10 AM					
11 AM					
12 PM					
1 PM					

Codes	Resp.	Pulse & Bp.	Temp	AM			PM	
				9	10	11	12	1
BP(green)		220	43					
			42					
Resp.(Black)		200	41					
			40					
Pulse(red)	60	160	40					
			39					
Temp (blue)	50	140	39					
			38					
			120					
			38					
			100					
			37					
	40	80	36					
			36					
			60					
			35					
	30	60	35					
			40					
	20	40						
	10							

Nursing Care Plan

Assessment	Nursing Diagnosis	Expected Outcomes	Nursing Interventions/Rationale	Outcome Evaluation

Medication sheet

Date/Time	Drugs				Nursing consideration & Precaution's
	Name	Dose	Route	Action & side effects	
1					
2					

Disease Condition

Pt. Medical Diagnosis.....

1. Definition:

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.....

2. Causes & Risk Factors:

1.....	2.....
3.....	4.....
5.....	6.....

3. Signs & Symptoms:

1.....	2.....
3.....	4.....
5.....	6.....

3. Diagnostic Test:

1.....	2.....
3.....	4.....
5.....	6.....

4. Medical & or Surgical Management:

1.
2.
3.
4.
5.
6.
7.

5. Nursing Interventions

1.
2.
3.
4.
5.
6.
7.
8.
9.

6. Patient & Family Teaching:

1.
2.
3.
4.
5.
6.