

Medical Surgical Nursing Teaching Plane

1st Semester 2020-2021

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.

Head of department

Ass. Prof.Dr. Fathia A. Mohammad

Coordinator

Ass. Prof.Dr.Elham Hamad

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

Ass. Prof. Elham Hamad

Ass. Prof. Howaida Kameel

Dr.Eman Ali

Dr.Magda Kamal

Dr. Mona Abdalla

Dr. Samah Mahmoud

Dr.Wafaa Amer

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. Ahmed Elmarakby

I. Ahmed Salem

Dr. Rasmia zaky

Theoretical lectures of Medical Surgical course 1st semester

Head of department

Ass. Prof.Dr. Fathia A. Mohammad

Coordinator

Ass. Prof.Dr.Elham Hamad

	Topic
1	<p>Nursing management for common diagnostic tests</p> <ol style="list-style-type: none"> 1. CT Scan 2. MRI 3. Angiography 4. Endoscopy 5. Ultrasound 6. X-ray
2	<p>Nursing Care of Patients with Neurological Disorders</p> <ol style="list-style-type: none"> 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	<p>Nursing Care of Patients with Hematological Disorder</p> <ol style="list-style-type: none"> 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.	<p>Nursing Care of Patients with Respiratory Disorders</p> <ol style="list-style-type: none"> 1. Review of anatomy , physiology of respiratory tract 2. Assessment & Diagnostic test of respiratory system 3. Rhinitis & Influenza

ε

Head of department

Coordinator

Ass. Prof. Dr. Fathia A. Mohammad

Ass. Prof. Dr. Elham Hamad

	<ol style="list-style-type: none"> 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 10. Liver cirrhosis & Hepatitis. 11. Cholecystitis & Cholelithiasis.

Head of department

Ass. Prof. Dr. Fathia A. Mohammad

Coordinator

Ass. Prof. Dr. Elham Hamad

12. Application of Nursing process for patient with GIDs

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

Day	Time	Group	Class
Monday & Tuesday	9 am-1pm	GA	مدرج الفرقة الثانية بالكلية
Wednesday & Thursday	9 am-1pm	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

٦

Head of department

Coordinator

Ass. Prof. Dr. Fathia A. Mohammad

Ass. Prof. Dr. Elham Hamad

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
Monday & Tuesday	9 am-4pm TP	GA	مدرج الفرقة الثانية بالكلية ومعامل الكلية
		GB	Hospital 9 to 4
Wednesday & Thursday	9 am-4pm TP	GB	مدرج الفرقة الثانية بالكلية ومعامل الكلية
		GA	Hospital 9 to 4

٧

Head of department

Ass. Prof. Dr. Fathia A. Mohammad

Coordinator

Ass. Prof. Dr. Elham Hamad

**توزيع محاضرات النظرى حسب المحاضرين للعام الجامعى
2020/2021 (First Term)**

Plane of Lecture Distribution by Dates & Staffs

Weeks	Date	Topics	Academic Staff
1 ST	Monday 19/10	Nursing management for diagnostic tests	Dr. Fatma Mohamed
	Tuesday 20/10	Introduction & Assessment of cardiovascular system	Dr. Elham Hamad
	Wednesday 21/10	Nursing management for diagnostic tests	Dr. Fatma Mohamed
	Thursday 22/10	Introduction & Assessment of cardiovascular system	Dr.Elham Hamad
2 nd	Monday 26/10	Revision anatomy , physiology & Assessment of GITs	Dr. Samah Mahmoud
	Tuesday 27/10	Care of pt. with Atherosclerosis & Hypertension	Dr.Elham Hamad
	Wednesday 28/10	Revision anatomy , physiology & Assessment of GITs	Dr. Samah Mahmoud
	Thursday 29/10	Care of pt. with Atherosclerosis &Hypertension	Dr.Elham Hamad
3 rd	Monday 2/11	Care of Pt. with anorexia N , & V	Dr. Samah Mahmoud
	Tuesday 3/11	Care of pt. with Thrombophlebitis , DVT & Varicose Veins	Dr. Elham Hamad
	Wednesday 4/11	Care of Pt. with anorexia N , & V	Dr. Samah Mahmoud
	Thursday 5/11	Care of pt. with Thrombophlebitis , DVT & Varicose Veins	Dr. Elham Hamad
4 th	Monday 9/11	Care of pt. with diarrhea & constipation	Dr. Samah Mahmoud
	Tuesday 10/ 11	Care of pt. with Valvular heart diseases & inflammatory heart diseases	Dr. Elham Hamad
	Wednesday 11/11	Care of pt. with diarrhea & constipation	Dr. Samah Mahmoud
	Thursday 12/11	Care of pt. with Valvular heart diseases & inflammatory heart diseases	Dr. Elham Hamad
5 th	Monday 16/11	Care of pt. with Stomatitis, Gastritis & GERD	Dr. Samah Mahmoud

^

Head of department

Coordinator

Ass. Prof.Dr. Fathia A. Mohammad

Ass. Prof.Dr.Elham Hamad

	Tuesday 17/11	Care of pt. with Myocardial infarction & Angina	Dr. Elham Hamad
	Wednesday 18/11	Care of pt. with Stomatitis, Gastritis & GERD	Dr. Samah Mahmoud
	Thursday 19/11	Care of pt. with Myocardial infarction & Angina	Dr. Elham Hamad
6 th	Monday 23/11	Care of pt. with PUD & Appendicitis	Dr. Samah Mahmoud
	Tuesday 24/11	Care of patient with cardiac surgery	Dr. Elham Hamad
	Wednesday 25/11	Care of pt. with PUD & Appendicitis	Dr. Samah Mahmoud
	Thursday 26/11	Care of patient with cardiac surgery	Dr. Elham Hamad
7 th	Monday 30/11	Care of pt. with Intestinal obstruction, Hemorrhoid, & anal fissure	Dr. Samah Mahmoud
	Tuesday 1/12	Heart failure & Care of patient with C.V disorders	Dr. Elham Hamad
	Wednesday 2/12	Care of pt. with Intestinal obstruction, Hemorrhoid, & anal fissure	Dr. Samah Mahmoud
	Thursday 3/12	Heart failure & Care of patient with C.V disorders	Dr. Elham Hamad
8 th	Monday 7/12	Care of pt. with & inflammatory bowel disease	Dr. Samah Mahmoud
	Tuesday 8/12	Review of anatomy , physiology of respiratory tract Assessment & Diagnostic test of respiratory system	Dr. Eman Ali
	Wednesday 9/12	Care of pt. with & inflammatory bowel disease	Dr. Samah Mahmoud
	Thursday 10/12	Review of anatomy , physiology of respiratory tract Assessment & Diagnostic test of respiratory system	Dr. Eman Ali
9 th	Monday 14/12	Care of pt. with Liver cirrhosis & Hepatitis	Dr. Samah Mahmoud
	Tuesday 15/12	Care of pt. with Rhinitis & Influenza Tonsillitis & Adenoiditis	Dr. Eman Ali
	Wednesday 16/12	Care of pt. with Liver cirrhosis & Hepatitis	Dr. Samah Mahmoud
	Thursday 17/12	Care of pt. with Rhinitis & Influenza Tonsillitis & Adenoiditis	Dr. Eman Ali
10 th	Monday 21/12	Care of pt. with Epistaxis & Sleep Apnea	Dr. Eman Ali

		Syndrome Acute Bronchitis & Pneumonia	
	Tuesday 22/12	An over view regarding blood composition & functions Assessment For Client with blood disorders	Dr. Howida kameel
	Wednesday 23/12	Care of pt. with Epistaxis & Sleep Apnea Syndrome Acute Bronchitis & Pneumonia	Dr.Eman Ali
	Thursday 24/12	An over view regarding blood composition & functions Assessment For Client with blood disorders	Dr. Howida kameel
11th	Monday 28/12	Care of pt. with Chronic obstructive pulmonary disease	Dr. Eman Ali
	Tuesday 29/12	Care of pt. with Iron deficiency anemia Pernicious anemia. Care of pt. with Aplastic anemia Sickle cell anemia	Dr. Howida kameel
	Wednesday 30/12	Care of pt. with Chronic obstructive pulmonary disease.	Dr. Eman Ali
	Thursday 31/12	Care of pt. with Iron deficiency anemia Pernicious anemia aplastic anemia Sickle cell anemia	Dr. Howida kameel
12th	Monday 4/1	Bronchial Asthma , Pulmonary Emphysema& Pulmonary embolism.	Dr. Eman Ali
	Tuesday 5/1	An over view of neurological system Assessment & diagnostic test of neurological system Care of pt. with Meningitis	Dr. Mona Abdallah
	Wednesday 6/1	Care of pt. with Bronchial Asthma , Pulmonary Emphysema& Pulmonary embolism.	Dr. Eman Ali
	Thursday 7/1	Seizures Headache	Dr. Mona Abdallah
13th	Monday 11/1	Care of pt. with Chest trauma	Dr. Eman Ali
	Tuesday 12/1	Care of pt. with Head trauma.	Dr. Mona Abdallah
	Wednesday 13/1	Care of pt. with Chest trauma	Dr. Eman Ali
	Thursday 14/1	Care of pt. with Stroke	Dr. Magda Kamal
14th	Monday 18/1	Disseminated intravascular coagulopathy Thalassemia major Polycythemia Leukemia	Dr. Howida kameel
	Tuesday 19/1	Care of pt. with Spinal cord injury, Vertebral disc & Bell's Palsy	Dr. Magda Kamal

Head of department

Ass. Prof.Dr. Fathia A. Mohammad

Coordinator

Ass. Prof.Dr.Elham Hamad

Wednesday 20/1	Disseminated intravascular coagulopathy Thalassemia major Polycythemia Leukemia	Dr. Howida kameel
Thursday 21/1	Care of pt. with Spinal cord injury, Vertebral disc & Bell's Palsy	Dr. Magda Kamal

توزيع مجموعات العمل بالمستشفيات للعام الجامعي

2020 / 2021 1st semester

يتم تقسيم كلا من مجموعة أ ، ب الى ١٠ 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 2020/2021

Clinical Supervision of lecturers on hospitals Training 1st semester 2020/2021

Supervisors	Location
Dr. Wafaa Amer	Accident hospital
	General medical Hospital
Dr. Mona Abdalla	Cardio-thoracic Hospital
Dr. Magda kamal	Esalam Hosoidal
Dr/ Aml Hemeed	El-Ahrar Hospital
DR/ Samah Mahmoud	New surgery 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.....

.....

.....

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 border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">R</td><td style="width: 20px; text-align: center;">L</td></tr><tr><td style="text-align: center;">R</td><td style="text-align: center;">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	39					
			38					
Temp (blue)	50	120	37					
			36					
			35					
	40							
	30							
	20							
	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					

Head of department

Ass. Prof.Dr. Fathia A. Mohammad

Coordinator

Ass. Prof.Dr.Elham Hamad

Disease Condition

Pt. Medical Diagnosis.....

1. Definition:

.....
.....
.....

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.