



***Medical Surgical Nursing
Teaching Plan***

Second year 2nd term 2021-2022

Head of department

Ass.Prof.Dr. Fathia Atia

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Coordinator

Ass.Prof.Dr. Elsham Hamad

رؤية القسم

رؤية قسم التمريض الباطني والجراحي للبالغين بكلية التمريض جامعة الزقازيق التميز في المهارات التمريضية ومجال البحث العلمي من خلال التركيز على تنمية مهارات الطالب العلمية والعملية ومهارات التواصل عن طريق خلق بيئة ملائمة لاحتياجات الطالب وفريق العمل بالقسم.

رسالة القسم

يهدف قسم التمريض الباطني والجراحي للبالغين بكلية التمريض جامعة الزقازيق على إعداد كوادر متميزة علميا وعمليا وذلك من خلال:

- 1- تدريس المهارات التمريضية على أسس ومعايير علمية.
- 2- إعداد طالب قادر على التطبيق العملي لكافة المهارات التمريضية.
- 3- الموازنة بين احتياجات المجتمع وما يتم تدريسه من محتوى علمي.
- 4- إعداد كوادر قادرة على مواصلة البحث العلم لكل ما هو جديد في المجال الطبي والتمريضي

Medical Surgical Nursing Course

Course description

This course introduces concepts related to the nursing care of individuals 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 individuals along the wellness-illness continuum. Upon completion, students should be able to apply the nursing process to individuals experiencing acute and chronic alterations in health. It will help students to develop advanced skills for nursing interventions in various conditions: caring for critically ill patients, understanding in the field of Orthopedic, Urology and Neurosurgery.

General objectives

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

1. Recognize health alterations and principal manifestations of common health.
2. Disorders in the adult and elderly clients.
3. Utilize the nursing process in assessing, planning, implementing and follow up care of the patient with acute and chronic health disorders (Preoperative Management, Endocrine Disorders, Urology Disorders, Oncology).
4. Learn the appropriate terminology related to disease processes and clinical manifestations.

5. Understand factors related to the disease processes, diagnostic, evaluation. Medical management and nursing interventions of common health disorders.
6. Utilize critical thinking skills while applying the nursing process to make safe and accurate clinical judgments during the delivery of care to clients in the acute care setting in today's health care system.
7. Provide comprehensive nursing care to patients with urological, orthopedic and neurosurgical condition.
8. Perform neurological, renal and musculoskeletal assessment.

Medical Surgical Nursing Staff

Lecturers

Prof.Dr. Nadia Taha

Ass.Prof Dr. Fathia Atia Mohammed

Ass.Prof. Dr.Elham Hamad .

Ass.Prof. Dr. Howaida Kameel

Dr/ Safaa Hussein Mohamed

Dr/ Samah Mahmoud

Dr/ Amal Hemed

Dr/ Magda Kamal

Dr/ Mona Abdallaha

Dr/ Suzan Mohammed

Dr/ Mona Mohamed Fathi

Assistants

Assistant lecturer. Mohammed Hebishy

Assistant lecturer. Hala Abd-El Sabor

Assistant lecturer. Nour Mansour

Assistant lecturer. Aya Abelfadeel

I. Marwa Mohamed Hafez

Assistant lecturer.Israa Hanafy

D .Osama Salah

I/ Ahmed El Markbey

I/ Sabah Mousa

I/ Sally Atef

I/ Fatma Habeeb

I/ Tayseer Esaam

I/ Asmaa Mohamed Abd El Maksoud

Theoretical lectures of Medical Surgical course

	Topic
1	Nursing care of patient with Musculoskeletal Disorders 1. Anatomy and Physiology of Musculoskeletal System: General Assessment of Musculoskeletal System 2. Musculoskeletal Trauma 1- Strains, Contusion, and Sprains 2- Dislocations 3-Specific injuries to upper and lower extremities: A- Tendonitis B- Rotator Cuff Tear C- Ligament and Meniscal Injuries D- Ruptured Achilles tendon 4. Fractures 5.Osteoarthritis 6.Osteomyelitis 7.Rheumatoid arthritis 8.Osteoporosis 9.Osteomalacia 10.Paget's Disease of the Bone
2	Nursing Care of Patients with Urinary and Renal Disorders 1.Anatomy and physiology of the upper and lower urinary tracts 2.Health assessment of urinary system <u>3.Urinary system disorders</u> 1- Urinary retention

	<p>2- Kidney stone</p> <p>3- Urinary tract infection (UTIs)</p> <p>4- Acute renal failure</p> <p>5- Chronic renal failure</p> <p>6- Glomerulonephritis</p> <p>7- Nephrotic syndrome</p> <p>4.Nursing Care plain for pt with renal disorders</p>
3.	Pre- intra and post-operative nursing management
	<p>1. Introduction.</p> <p>2. Preoperative nursing management.</p> <p>3. Intraoperative nursing management</p> <p>4. Postoperative nursing management.</p> <p>5. Discomfort & complications of postoperative.</p>
4	Nursing Care of Patients with Endocrine Disorders
	<p>Introduction</p> <p>Anterior Pituitary Disorders</p> <p>Acromegaly</p> <p>Posterior Pituitary Disorders</p> <p>1. Diabetes insipidus</p> <p>2. Syndrome of inappropriate secretion of antidiuretic hormone (SIADH)</p> <p>Thyroid Disorders</p> <p>1. Hyperthyroidism</p> <p>2. Hypothyroidism:-</p> <p>D. Parathyroid Disorders.</p> <p>1. Hyperparathyroidism</p> <p>1. Hypoparathyroidism</p> <p>E. Adrenal Disorders</p>

	<p>I. Cushing's syndrome</p> <p>2. Primary aldosteronism</p> <p>3. Addison's disease</p> <p>4. Pheochromocytoma</p> <p>Diabetes mellitus</p> <p>Diabetic ketoacidosis</p>
5	<p>Oncology:</p> <p>Introduction.</p> <p>Classification of tumors.</p> <p>Treatment modalities.</p>
6	<p>Fluid and electrolyte imbalance:</p> <p>Electrolyte imbalances:</p> <ul style="list-style-type: none">• Risk factors• Hyponatremia and hypernatremia• Hypokalemia and hyperkalemia <ul style="list-style-type: none">• Hypocalcaemia and hypercalcaemia• Hypophosphatemia and hyperphosphatemia• Hypomagnesemia and hypermagnesemia <p>Fluid imbalance.</p> <p>Acid-base imbalance.</p>

**توزيعة محاضرات النظرى حسب المحاضرين للعام الجامعى
(الترم الثانى) 2022 /2021**

Head of department

Ass.Prof.Dr. Fathia Atia

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Coordinator

Ass.Prof.Dr. Elsham Hamad

Inform Teaching plan Second term (2021-2022)

Day	Time	Group	Class
Monday	9 am-11 am	G A	Class 1 (مدرج الفرقة الثانية)
	11:15am-1 pm	G B	Class 2 (مدرج هاء الدور الخامس)
Tuesday	9 am-11 am	G A	Class 1 (مدرج الفرقة الثانية)
	11:15am-1 pm	G B	Class 2 (مدرج هاء الدور الخامس)

Weeks	Date	Topic	Academic Staff
1 st	Monday 20/2/2022	The musculoskeletal system Introduction Anatomy and Physiology of Musculoskeletal System General Assessment of Musculoskeletal System	Ass.Prof .Dr. Elham Hamad
	Tuesday 21/2/2022	Musculoskeletal Trauma: Strains, Contusion, and Sprains Dislocations Specific injuries to upper and lower extremities: Tendonitis Rotator Cuff Tear Ligament and Meniscal Injuries Ruptured Achilles tendon	Dr. Sozan Mohamed

<p>2nd</p>	<p>Monday 27/2/2022</p> <p>Tuesday 28/2/2022</p>	<p>Fractures</p> <p>Osteoarthritis</p> <p>Osteomyelitis</p> <p>Rheumatoid arthritis</p> <p>Osteoporosis</p> <p>Osteomalacia</p> <p>Paget's Disease of the Bone</p> <p>Common nursing role.</p>	<p>Dr. Mona Mohamed Fathi</p> <p>Dr. Mona Mohamed Fathi</p>
<p>3rd</p>	<p>Monday 6/3/2022</p> <p>Tuesday 7/3/2022</p>	<p>Electrolyte imbalances:</p> <ul style="list-style-type: none"> • Risk factors • Hyponatremia and hypernatremia • Hypokalemia and hyperkalemia <ul style="list-style-type: none"> • Hypocalcaemia and hypercalcaemia • Hypophosphatemia and hyperphosphatemia • Hypomagnesemia and hypermagnesemia <p>Fluid imbalance</p> <p>Acid-base imbalance</p>	<p>Dr.Mona Abdallaha</p> <p>Dr.Mona Abdallaha</p>
<p>4th</p>	<p>Monday 13/3/2022</p>	<p>Endocrine disorders :</p> <p>Introduction</p> <p>Anterior Pituitary Disorders:</p> <p>Acromegaly</p> <p>Posterior Pituitary Disorders:</p> <p>1. Diabetes insipidus</p> <p>2. Syndrome of inappropriate secretion of antidiuretic hormone (SIADH)</p>	<p>Dr.Magda Kamal</p>

	Tuesday 14/3/2022	Thyroid Disorders: 1. Hyperthyroidism 2. Hypothyroidism	Dr. Magda Kamal
5 th	Monday 20/3/2022 Tuesday 21/3/2022	Parathyroid Disorders: 1. Hyperparathyroidism 2. Hypoparathyroidism Adrenal Disorders: 1. Cushing's syndrome 2. Primary aldosteronism 3. Addison's disease 4. Pheochromocytoma Diabetes mellitus Diabetic ketoacidosis	Dr. Samah Mahmoud Dr. Samah Mahmoud
6 th	Monday 27/3/2022 Tuesday 28/3/2022	Pre - Intra and Post-Operative Nursing Management Pre - Intra and Post-Operative Nursing Management	Dr. Safaa Hussein Dr. Safaa Hussein
7 th	Monday 3/4/2022 Tuesday 4/4/2022	Urinary system: anatomy and physiology of the upper and lower urinary tracts Health assessment of urinary system Mid Term Exam	Dr. Amal Hemed Mid Term Exam
8 th	Monday 10/4/2022	Urinary system disorders 1- Urinary retention 2- Kidney stone	Dr. Amal Hemed

	Tuesday 11/4/2022	<p>3- Urinary tract infection</p> <p>4- Acute renal failure</p> <p>5- Chronic renal failure</p>	Dr. Amal Hemed
9th	Monday 17/4/2022	<p>6- Glomerulonephritis</p> <p>7- Nephrotic syndrome</p> <p>8. Nursing Care plain for pt with renal disorders</p>	Dr. Amal Hemed
	Tuesday 18/4/2022	Oncology	Ass.Prof . Dr.Howida Kamil
10th	Monday 24/4/2021	Benign and malignant tumors.	Ass.Prof . Dr.Howida Kamil
	Tuesday 25/4/2021	Treatment modalities	Ass.Prof . Dr.Howida Kamil

Clinical Medical Surgical Nursing & Procedures

- LIST OF CONTENTS

NO	Content	
1	Central Venous Pressure	Dr. Mohammed Hebishy I/ Ahmed El Markbey
2	Tracheostomy Care	
3	Blood Glucose Test	
4	Colostomy	
5	Role of Scrub and Circulatory Nurse	
6	Cast and Traction	

Head of department

Ass.Prof.Dr. Fathia Atia

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**توزيعة الطلاب لأماكن العمل بالمستشفيات للعام الجامعي
2022 (الترم الثاني)**

Head of department

Ass.Prof.Dr. Fathia Atia

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Coordinator

Ass.Prof.Dr. Elsham Hamad

جدول توزيع العمل لطلاب الفرقة الثانية الفصل الدراسي الثاني "بالمستشفيات"

	A1,A2,A3,A4,A5	A6,A7,A8,A9,A10	B1,B2,B3,B4,B5	B6,B7,B8,B9,B10
Monday	A1. New Surgery HOS A2. Internal Medicine HOS A3. General Hospital A4. Accident HOS. A5. Cardio thoracic HOS.	عملي بالكلية	نظري	نظري
Tuesday	نظري	نظري	B1. New Surgery HOS. B2. Internal Medicine HOS. B3. General Hospital. B4. Accident HOS. B5. Cardio thoracic HOS.	عملي بالكلية
Wednesday	عملي بالكلية	A6. New Surgery HOS A7. Internal Medicine HOS A8. General Hospital A9. Accident HOS. A10. Cardio thoracic HOS.
Thursday	عملي بالكلية	B6. New Surgery HOS B7. Internal Medicine HOS

				B8. General Hospital B9. Accident HOS. B10. Cardio thoracic HOS.
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Teaching plan for 2nd year 2nd term medical surgical nursing

Practical part 2021- 2022

Time: 8:30 am: 1pm

Class: 1

Central Venous Pressure	Dr. Mohammed Hebishy
Tracheostomy Care	
Blood Glucose Test	
Colostomy	I/ Ahmed El Markbey
Role of Scrub and Circulatory Nurse	
Cast	
Traction	

**جدول مرور المدرسين بقسم تمريض الباطنة والجراحة علي
المستشفيات 2021/ 2022**

Clinical rotation of Medical Surgical Nursing department lecturers in Clinical areas 2021- 2022

Supervisor	Location	Clinical staff	Day
Dr. Amal Hemed	Faculty	Dr. Mohamed Hebeishy Dr. Ahmed El Marakby	Monday Wednesday
Dr. Samah Mahmoud	Accident hospital	D. Aya Abdelfadeel I/ Asmaa AbdElmaksoud	Monday Tuesday
Dr. Magda Kamal	Internal hospital	I/Tyeseer Esam I/Fatma Habeeb	Tuesday Thursday
Dr. Mona Abdallaha	Cardio-thoracic Hospital	Dr. Hala Abd El Sabour I/Marwa M. Hafez	Monday Tuesday
Dr. Suzan Mohammed	New surgery Hospital	Dr. Esraa Hanfy Dr. Osama Salah I/ Sally Atef	Monday Wednesday
Dr. Mona M. Fathi	General Hospital	Dr. Nour Mansour I/ Sabah Mousa Dr. Aya M. Fathy	Tuesday Thursday

Students Evaluation In Clinical Area

Clinical area Evaluation Sheet

Section:
Student's Name:

Date:
Student's Code:

Items of Evaluation	Allotted Grade	Student Grade
<u>Student attendance</u>	(10)	
■ Absenteeism	5	
■ Behavior	5	
<u>I. Planning of Nursing Care(Plan Within 60 minutes)</u>	(7)	
■ Assessment	2	
▪ History taking		
▪ Physical Examination		
▪ Identification of Problem		
■ Nursing Diagnosis	1	
▪ Priorities		
▪ Relevance		
▪ Completeness		
■ Patient's Goal	1	
▪ Measurable		
▪ Observable		
▪ Concise		
▪ Logic		
■ Nursing Intervention	3	
▪ Priorities		
▪ Relevance		
▪ Completeness		
<u>II. Scientific Knowledge</u>	(5)	
■ Related to diagnosis	2	
■ Diagnostic evaluation	1	
▪ Diagnostic procedures		
▪ Lab investigations		
■ Medication	1	
Action, Side effects & Nursing role		

■ Patient Observation	1	
III. Clinical Performance	(15)	
<ul style="list-style-type: none"> ■ General care <ul style="list-style-type: none"> ▪ Basic care ▪ Health teaching 	2	
■ Nursing Procedure According to Checklist	10	
■ Specific Nursing Tasks According to Diagnosis	3	
IV. Charting and Recording	(3)	
<ul style="list-style-type: none"> ■ Accuracy ■ Completeness ■ Relevance 	1 1 1	
Total score	40	