



***Medical Surgical Nursing
Teaching Plan***

Second year 2nd term 2021-2022

Head of department

Ass.Prof.Dr. Fathia Attia . M.

Coordinator

Ass.Prof.Dr. Elham 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:

- ١- تدريس المهارات التمريضية على أسس ومعايير علمية.
- ٢- إعداد طالب قادر على التطبيق العملي لكافة المهارات التمريضية.
- ٣- الموازنة بين احتياجات المجتمع وما يتم تدريسه من محتوى علمي.
- ٤- 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

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disorders (Preoperative Management, Cardiovascular Disorders, Respiratory Disorders, Oncology and Burn).

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.

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Medical Surgical Nursing Staff

Lecturers
Prof.Dr. Nadia Taha
Ass.Prof Dr. Fathia Mohammed
Ass.Prof. Dr.Elham Hammad.
Ass.Prof. Dr. Howaida Kameel
Dr/ Samah Mahmoud
Dr/ Amal Hameed
Dr/ Magda Kamal
Dr/ Mona Abdallaha
Dr/ Suzan Mohammed
Assistants
Dr. Mohammed Hebishy
D. Hala Abel Saboor
D.Aya Abelfadeel
D. Asmaa Mohammed
D. Israa Hanfy
D .Osama Salah
I/ Ahmed El Markbey

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I/ Sabah Moosa

I/ Lamiaa zaky

I/ Asmaa Ahmed

I/ Tayseer Esaam

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

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	<p>5.Osteoarthritis 6.Osteomyelitis</p> <p>7.Rheumatoid arthritis 8.Osteoporosis 9.Osteomalacia 10.Paget’s Disease of the Bone</p>
2	Nursing Care of Patients with Urinary and Renal Disorders
	<p>1.Anatomy and physiology of the upper and lower urinary tracts</p> <p>2.Health assessment of urinary system</p> <p><u>3.Urinary system disorders</u></p> <p>1- Urinary retention</p> <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.	Preoperative Concepts and 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
	Introduction

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	<p>Anterior Pituitary Disorders Acromegaly</p> <p>Posterior Pituitary Disorders 1. Diabetes insipidus 2. Syndrome of inappropriate secretion of antidiuretic hormone (SIADH)</p> <p>Thyroid Disorders 1. Hyperthyroidism 2. Hypothyroidism:-</p> <p>D. Parathyroid Disorders. 1. Hyperparathyroidism 1. Hypoparathyroidism</p> <p>E. Adrenal Disorders I. Cushing's syndrome 2. Primary aldosteronism 3. Addison's disease 4. Pheochromocytoma</p> <p>Diabetes mellitus Diabetic ketoacidosis</p>
5	<p>Oncology.</p> <p>Fluid and electrolyte imbalance</p>

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**توزيعة محاضرات النظرى حسب المحاضرين للعام الجامعى
(الترم الثانى) ٢٠٢٢ / ٢٠٢١**

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 22/3/2021	Pre - Intra and Post-Operative Nursing Management	Dr.Suzan Mohammed
	Tuesday 23/3/2021	Pre - Intra and Post-Operative Nursing Management	Dr.Suzan Mohammed
2 nd	Monday 29/3/2021	The musculoskeletal system Introduction Anatomy and Physiology of Musculoskeletal System	Ass. Prof.Dr. Fathia Attia

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	Tuesday 30/3/2021	<p>General Assessment of Musculoskeletal System</p> <p>Musculoskeletal Trauma:</p> <p>3- Strains, Contusion, and Sprains</p> <p>4- Dislocations</p> <p>5- Specific injuries to upper and lower extremities:</p> <p>E- Tendonitis</p> <p>F- Rotator Cuff Tear</p> <p>G- Ligament and Meniscal Injuries</p> <p>H- Ruptured Achilles tendon</p>	Ass.Prof.Dr.Elham Hamed
3rd	Monday 5/4/2021	<p>1. Fractures</p> <p>2. Osteoarthritis</p>	Ass.Prof.Dr.Elham Hamed
	Tuesday 6/4/2021	<p>3. Osteomyelitis</p> <p>4. Rheumatoid arthritis</p> <p>5. Osteoporosis</p>	Ass.Prof.Dr.Elham Hamed
4th	Monday 12/4/2021	<p>6. Osteomalacia</p> <p>7. Paget's Disease of the Bone</p> <p>8. Common nursing role</p>	Ass.Prof.Dr.Elham Hamed
	Tuesday		

	13/4/2021	Mid term	Mid term
5th	Monday 19/4/2021 Tuesday 20/4/2021	Oncology Oncology	Ass.Prof . Dr.Howida Kamil Ass.Prof . Dr.Howida Kamil
6th	Monday 26/4/2021 Tuesday 27/4/2021	Oncology Bone marrow transplantation Common Nursing role	Ass.Prof . Dr.Howida Kamil Ass.Prof . Dr.Howida Kamil
7th	Monday 3/5/2021 Tuesday 4/5/2021	Electrolyte imbalances: <ul style="list-style-type: none"> • Risk factors • Hyponatremia and hypernatremia • Hypokalemia and hyperkalemia • Hypocalcaemia and hypercalcaemia • Hypophosphatemia and hyperphosphatemia • Hypomagnesemia and hypermagnesemia 	Dr.Mona Abdallaha Dr. Mona Abdallaha
8th	Monday 10/5/2021 Tuesday 11/5/2021	<ul style="list-style-type: none"> • Fluid imbalance • Acid-base imbalance Endocrine disorders : Introduction Anterior Pituitary Disorders: Acromegaly Posterior Pituitary Disorders: 1. Diabetes insipidus 2. Syndrome of inappropriate secretion of antidiuretic	Dr. Mona Abdallaha Dr.Magda Kamal

		hormone (SIADH)	
9 th	Monday 17/5/2021	Thyroid Disorders: 1. Hyperthyroidism 2. Hypothyroidism Parathyroid Disorders: 1. Hyperparathyroidism 2. Hypoparathyroidism	Dr.Magda Kamal
	Tuesday 18/5/2021	Adrenal Disorders: 1. Cushing's syndrome 2. Primary aldosteronism 3. Addison's disease 4. Pheochromocytoma	Dr. Samah Mahmoud
10 th	Monday 24/5/2021	Diabetes mellitus	Dr. Samah Mahmoud
	Tuesday 25/5/2021	Diabetic ketoacidosis	Dr. Samah Mahmoud
11 th	Monday 31/5/2021	Urinary system: anatomy and physiology of the upper and lower urinary tracts Health assessment of urinary system	Dr.Amal Hemed
	Tuesday 1/6/2021	Urinary system disorders 1- Urinary retention 2- Kidney stone 3- Urinary tract infection	Dr.Amal Hemed
12 th	Monday 7/6/2021	4- Acute renal failure 5- Chronic renal failure	Dr.Amal Hemed
	Tuesday	6- Glomerulonephritis	Dr.Amal Hemed

	8/6/2021	7- Nephrotic syndrome 8. Nursing Care plain for pt with renal disorders	
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Clinical Medical Surgical Nursing & Procedures

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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	

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توزيعة الطلاب لأماكن العمل بالمستشفيات للعام الجامعي
(الترم الثانى) ٢٠٢٢ / ٢٠٢١

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

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

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	
Role of Scrub and Circulatory Nurse	I/ Ahmed El Markbey
Cast	
Traction	

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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			Monday Tuesday
Dr. Samah Mahmoud	Accident hospital	D. Aya Abdelfadeel I/ Lamiaa Zaki	Monday Tuesday
Dr. Magda Kamal	Internal hospital	D. Hala Abdelsaboor I/Tyeseer Esam	Monday Tuesday
Dr. Mona Abdallaha	Cardio-thoracic Hospital	I/Sabah Mossa	Monday Tuesday
Dr. Suzan Mohammed	New surgery Hospital	D.Esraa Hanfy D. Osama Salah	Monday Tuesday

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Students Evaluation In Clinical Area

Clinical area Evaluation Sheet

Section:

Date:

Student's Name:

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)	
■ General care ▪ Basic care ▪ Health teaching	2	
■ Nursing Procedure According to Checklist	10	
■ Specific Nursing Tasks According to Diagnosis	3	
IV. Charting and Recording	(3)	
■ Accuracy	1	
■ Completeness	1	
■ Relevance	1	
Total score	40	