Subject No.4 CLINICAL SPECIALITY –I MEDICAL SURGICAL NURSING

Total Hours: 810

Theory hours: 150

Clinical hours: 660

- AIM:
 - It is designed to assist students in developing expertise and in depth knowledge in the field of Medical –Surgical Nursing .It will help students to appreciate the patient as a holistic individual and develop a skill to function as a specialized Medical –Surgical Nurse .It will further enable the student to function as a n educator, manager and researcher in the field of Medical –Surgical Nursing.

OBJECTIVES:

At the end of the course the students will be able to:

- Appreciate the trends and issues in the field of Medical –Surgical Nursing as a speciality.
- Apply nursing concepts and theories related to health promotion.
- Apply the client as a holistic individual.
- Perform physical and psychosocial assessments of a Medical –Surgical Patient.
- Apply nursing process in providing care to the patients.
- Integrate the concept of family centered nursing care with associated disorders such as genetic, congenital and long term illness.
- Recognize and manage emergencies with medical surgical patients.
- Describe various recent technologies and treatment modalities in the management of critically ill patients.
- Appreciate the legal and ethical issues relevant to Medical –Surgical Nursing.
- Prepare a design for layout and management of Medical –Surgical Unit.
- Appreciate the role of alternative systems of Medicine in the care of patients.
- Incorporate evidence based Nursing practice and identifies the areas of Nursing Research in the field of Medical Surgical nursing.
- Recognize the role of Nurse Practitioner as a member of the Medical –Surgical health team.
- Teach Medical and Surgical Nursing to under graduate nurse s ad in-service nurses.

COURSE CONTENT:

Unit I -Introduction:

- Historical development of Medical Surgical Nursing in India.
- Current status of health and disease burden in India.
- Current concept of health.
- Trends & issues in Medical Surgical Nursing.
- Ethical & cultural issues in Medical Surgical Nursing.
- Rights of patients.
- National health policy, special laws & ordinances relating to older people.
- National goals.
- Five years plans
- National health programs related to adult health.

Unit II -Health assessment of patients:

- History taking.
- Physical examination of various systems.
- Nutritional assessment.
- Related investigations and diagnostic assessment
- Role of nurse in diagnostic procedures

Unit III -Care in hospital setting:

- Ambulatory care
- Acute & Critical care
- Long term care.
- Home Health Care.
- Characteristics, care models, practice settings, interdisciplinary team.
- Hospitalization- effects of hospitalization on the patient & family.
- Stressors & reactions related to disease process
- Nursing care using Nursing process approach.

Unit IV -Management of patients with disorders of Gastro intestinal tract:

- Review of anatomy and physiology.
- Common disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation & diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related Research Studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit V -Management of patients with disorders of Nervous System:

• Review of anatomy and physiology.

- Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.
- Role of nurse in communicating with neurological deficit patients Special therapies.
 - Brain death confirmation test

Unit VI -Management of patients with disorders of Respiratory System:

- Review of anatomy and physiology.
- Common Disorders-etiology, Patho physiology, Clinical manifestations,

Complications, prognosis

- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit VII -Management of patients with disorders of cardio Vascular System:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.

- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit VIII -Management of patients with Disorders of Blood:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit IX -Management of patients with disorders of Genito Urinary System:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations,

Complications, prognosis.

- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit X -Management of patients with disorders of Endocrine System:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit XI -Management of patients with disorders of Musculo-Skeletal System:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations,

Complications, prognosis.

- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies

.

- Evidence based nursing practice.
- Rehabilitation and follow-up.
- Role of nurse in musculo skeletal disorders.

Unit XII -Management of patients with disorders of Integumentory System:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations,

Complications, prognosis.

• Health assessment-History taking, physical examination, investigation and diagnostic assessment.

- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit XIII -Management of patients with disorders of Eye and ENT:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations,

Complications, prognosis.

- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit XIV -Management of patients with Disorders of Reproductive System:

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit XV -Geriatric Nursing:

- Nursing Assessment History and Physical assessment.
- Ageing:
- Demography; Myths and realities.
- Concepts and theories of ageing.
- Cognitive Aspects of Ageing.
- Normal biological ageing.
- Age related body systems changes,
- Psychosocial Aspects of Ageing.
- Medications and elderly.
- Stress & coping in older adults.
- Common Health Problems & Nursing Management;
- Psychosocial and Sexual.
- Abuse of elderly.
- Role of nurse for care of elderly; ambulation, nutritional communicational, Psychosocial and spiritual.
- Role of nurse for care givers of elderly.
- Role of family and formal and non formal caregivers.
- Use of aids and prosthesis (hearing aids, dentures),
- Legal & Ethical Issues.
- Provisions and Programmes for elderly; privileges, Community Programs and health services;
- Home and institutional care.
- Issues, problems and trends.

Unit XVI -Management of patients with communicable and Sexually Transmitted Diseases:

• Review of immune system.

- Common Disorders of immune system HIV / AIDS.
- Review of infectious disease process.
- Communicable diseases-etiology, Pathophysiology, Clinical manifestations complications, prognosis.
- Health assessment-History taking physical examination, investigation and

Diagnostic assessment.

- Treatment modalities and trends.
- Nursing management
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.
- New communicable diseases- swine flu& Ebola ,Role of nurse in prevention of communicable diseases.
- Dengue, NIPAH, Leptospirosis.

Unit XVII - Emergency, Trauma and Multi-System Organ Failure:

- DIC (disseminated intravascular coagulation)
- Trauma burns, poisoning.
- Etiology, Patho- physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and
- Diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.
- Role of nurse in emergencies ,Triage ,Role of nurse in organ donation

CLINICAL SPECIALITY –I MEDICAL SURGICAL NURSING

Unit No. & total hour s	Objectives		Contents with distributed hours									
hours	IAt the end of unit students are ableIntroduction:(5)students are able to to• Historical development of Medical – Surgical Nursing in India. (1 hour) • Current status of health and disease burden in India.											
	UNIT I Introduction:											
	Course Outcome	Programme Outcome										
		Clinician/Nurse educator	professional	Communicator		Lifelong learner	Critical thinker	Research er				
		PO1	PO2	PO3	PO4	PO5	PO6	PO7				
	CO1: Understand about current status of medical surgical nursing.		3	3	2	2	3	3				
	CO2: Recognize ethical and cultural needs of patients.	3	3	3	2	2	3	3				

	Determine the 3 of nurse in team.	3	3	2	3	2	3	3
	Discuss the 3 at concept of	3	3	3	2	2	3	3
Trends	Differentiate 3 & issues in al-Surgical	3	3	3	2	2	3	3
issues	Explain 3 l & cultural in Medical – al Nursing.	3	3	3	2	2	3	3
CO7:	Review 3 of patients.	3	3	3	2	2	3	3
Nation policy laws &	, special c ordinances g to older	3	3	3	2	2	3	3
CO9: Five and Nation progra	Review the 3 years plans al health ms related It health.	3	3	3	2	2	3	3
(20 studen hours to) Know Recall assess variou Skill: assess correc Attitu investi diagno assess	ts are able ledge: health ment of s patients. Perform the ment tly. de: Relate gations and	Nutritional assessRelated investiga	hours) tion of various systems. (6	ssment (3hours)		<u>.</u>	

	Unit II Health Assessment of Patient:							
	Course Outcome	Programm	ne Outcome					
		Clinician/Nurse educator	professional		and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Recall health assessment of various patients	5	3	3	3	2	3	3
	CO2: Relate investigations and diagnostic assessments with disease conditions		3	3	3	2	3	3
	CO3: Review the Physical examination of various systems	5	3	3	3	2	3	3
	CO4: Understand the Nutritional assessment		3	3	3	3	3	3
	CO5: Determine the Role of nurse in diagnostic procedures		3	3	3	2	3	3
(5 nours)	students are able	 Acute & Cr Long term Home Hea Characteris Hospitaliza Stressors & 	y care(1 hour) ritical care care. (1 hour)	nospitalization of d to disease proc	on the pati	ient & fami		

Unit III: Care in Hospital Setting:							
Course Outcome	Programn	ne Outcome					
	Clinician/Nurse educator	Professional	Communi cator	Leader and member of the health care team and system	learner	Critical thinker	Researche
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Understand appropriate care to be given in the hospital setting	5	3	3	3	2	3	3
CO2: Review the nursing care using nursing process approach	5	3	3	3	3	3	3
CO3: Justify the reaction related to stress in disease condition		3	3	3	3	3	3
CO4: Describe the Ambulatory care	3	3	3	3	3	2	3
CO5: Differentiate the Acute & Critical care	3	3	3	3	3	3	3
CO6: Determine Long term care and Home Health Care	3	3	3	3	2	3	2
CO7: Review the Characteristics, care models, practice settings, interdisciplinary team.		3	3	3	3	3	3
CO8: Describe Hospitalization- effects of hospitalization on the patient & family.		3	3	3	3	3	3

IV	At the end of unit Management of patient with Gastro Intestinal Tract Disorders:												
	students are able	U	-	physiology.									
hours			•		· ,	inical mar	nifestations.	complications,					
)	Knowledge:	prognosis.(,	1					
	Describe anatomy			ory taking, ph	ysical examin	nation, inv	vestigation &	k diagnostic					
	physiology,	assessment		• • • •	•		U U	C					
	etiology,	• Treatment	modalities an	d trends.									
	Pathophysiology,	(2 hour)											
	clinical	Nursing ma	anagement.(1	hour)									
	manifestation,	Related Re	Related Research Studies.										
	diagnostic	• Evidence b	ased nursing	practice(1	hour)								
	assessment,	• Rehabilitat	Evidence based nursing practice(1 hour) Rehabilitation and follow-up.										
	management of		Remutinitation and ronow up.										
	complication of patients with												
	disorders of												
	gastrointestinal												
	tract.												
	Skill: Demonstrate												
	skill in providing												
	nursing care to the												
	patient with GIT												
	disorders after												
	assessment												
	Attitude:												
	Recognize and												
	relate the nursing												
	research and												
	evidence based												
	nursing practice												
	Course Outcome	8	ne Outcome	I		1		I					
		Clinician/Nurse				Lifelong learner	Critical thinker	Researcher					
		educator		tor	member of the health	learner	tillikor						
					care team								
					and system								
		PO1	PO2	PO3	PO4	PO5	PO6	PO7					
		101	102	105	104	105	100	107					
	CO1: Review of	-	3	3	3	3	3	3					
	anatomy and												
	physiology.												
	CO2: Determine the	2	3	3	3	3	3	3					
	Common disorders atiology												
	disorders-etiology, Patho physiology,												
	Clinical												
	manifestations,												

complications, prognosis.							
CO3: Review the Health assessment- History taking, physical examination, investigation & diagnostic assessment.	2	3	3	3	3	3	3
CO4: Determine the Treatment modalities and trends.	2	3	3	3	3	3	3
CO5: Describe the common Nursing management for the gastrointestinal disorders	2	3	3	3	3	3	3
CO6: Determine the concept of evidence based nursing practice	2	3	3	3	3	3	3
CO7:Review the Rehabilitation and follow-up for the patients recovering from gastrointestinal disorders	2	3	3	3	3	3	3

V	At the end of unit	Managen	nent of patie	nt with Diso	rders of Nervous	System:							
(10	students are able	-	—		logy. (1 hour)	-							
hours	to	Com	mon Disorde	ers-etiology, F	athophysiology, (Clinical manifes	tations, compl	ications,					
)	Knowledge:		nosis. (2 hou		1 9 000								
	Explain anatomy				ng, physical exan	nination, investig	gation and diag	gnostic					
	physiology,		ssment. (2 ho	•									
	etiology,	• Trea	tment modali	ties and trend	ls.								
	Pathophysiology,	(1 h	our)										
	clinical	Nurs	sing managen	nent.									
	manifestation,			d follow-up.(l hour)								
	diagnostic			studies. (1 ho									
	assessment,			ursing practic	<i>'</i>								
	management of				g with neurologic	al deficit patient	S						
	complication of		ecial therapies										
	patients with disorders of	-	-	rmation test (1hours)								
				,	,								
	nervous system. Skill: Apply												
	nursing process												
	providing												
	comprehensive												
	care to the patients												
	and demonstrate												
	advanced skills												
	and competence in												
	managing patients												
	in nervous system												
	disorders.												
	Attitude:												
	Recognize and												
	relate the nursing												
	research and												
	evidence based												
	nursing practice.												
	Unit V:												
	Management of												
	patient with												
	Disorders of												
	Nervous System:												
	Course Outcome	Prog	Programme Outcome										
		Clinician/	Professiona	Communica		Lifelong learner	Critical thinker	Researcher					
		Nurse		tor	member of the								
		educator			health care team								
			DO2	DO2	and system	DO5	DOC	DO7					
			PO2	PO3	PO4	PO5	PO6	PO7					
	CO1: Review of anatomy and		3	3	3	3	3	3					

physiology of nervous system.									
CO2: Determine the Common disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.	2	3	3	3	3	3	3		
CO3: Review the Health assessment- History taking, physical examination, investigation & diagnostic assessment.	2	3	3	3	3	3	3		
CO5: Describe the common Nursing management for the nervous system disorders	2	3	3	3	3	3	3		
CO6: Determine the concept of evidence based nursing practice	2	3	3	3	3	3	3		
CO7: Describe the role of nurse in communicating with neurological deficit patients Special therapies	2	3	3	3	3	3	3		
CO8:Illustrate the Brain death confirmation test	2	3	3	3	3	3	3		
VI At the end of unit (10 students are able hours to) Knowledge: Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of	 At the end of unit students are able to Knowledge: Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and Management of patient with Disorders of Respiratory System: Review of anatomy and physiology, (1 hour) Common Disorders-etiology, Patho physiology, Clinical manifestations, Complications, prognosis (2 hours) Health assessment-History taking, physical examination, investigation and diagnostic assessment, management and Review of anatomy and physiology, (1 hour) Common Disorders-etiology, Patho physiology, (2 hours) Health assessment-History taking, physical examination, investigation and diagnostic assessment. (1 hour) Related research studies. Evidence based nursing practice. (1 hour) Rehabilitation and follow-up (2 hour) 								

	disorders of respiratory system. Skill: Assess the diagnostic, treatment modalities & new trends and demonstrate advance							
	skills/competent in managing patients with respiratory system.							
	Attitude : Recognize and relate t he nursing research and							
	evidence based nursing practice							
	Unit VI: Management of patient with Disorders of Respiratory System:							
-	Course Outcome	Program	me Outcom	e				
		Clinician/Nurs e educator		Communica tor	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Review of anatomy and physiology of nervous system.	2	3	3	3	3	3	3
	CO2:describe Common Disorders- etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	3	3	3	3	3	3

Histo physi exam inves diagn	cal ination, tigation and	-	3	3	3	3	3	3
nursii	describe e the ng gement.	2	3	3	3	3	3	3
CO5: Evide	Review the ence based ng practice.	2	3	3	3	3	3	3
Rehal follow patier	Explain the bilitation and w-up for the nt undergoing spiratory ders.	2	3	3	3	3	3	3
 (10 stude: hours to) Know Expla and p etiolo Patho diagn assess mana comp patien disord cardid systen Skill: diagn treatm moda new t demo advar skills, mana with 	nts are able vledge: in anatomy hysiology, ogy, ophysiology, osis sment, gement and lication of nts with ders of ovascular m. Assess the ostic, nent lities and rends and nstrate nce /competent in ging patients	 Review of Common prognosis Health as assessme Treatment Nursing to Related r Evidence Rehabilit 	of anatomy ar Disorders-et s. ssessment-His nt.(4 Hours) at modalities management. esearch studi based nursir	nd physiology tiology, Patho story taking, j and trends. (2 hours)	 (1Hour) physiology, physical examples physical examples 	vascular Syste Clinical manife mination, inves	estations, Co	-

Attitude :Recognize and relate t he nursing research and evidence based nursing practice							
Unit VII: Management of patient with Disorders of Cardio vascular System:							
Course Outcome		ne Outcome	1		T : C 1		
	Clinician/ Nurse educator	Professional		Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of cardiovascular system.	2	3	3	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	3	3	3	3	3	3
CO3: Asses the Health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	3	3	3	3	3	3
CO4: describe e the nursing management.	2	2	3	3	3	3	3
CO5: Review the Evidence based	2	2	3	3	3	3	3

	nursing practice in case of Cardio vascular disorders CO6: Explain the Rehabilitation and follow-up for the patient Cardio vascular disorders CO7:Explain cardiac	2	3	3	3	3	3	3
	rehabilitation and its phases							
VIII (5 hours)	At the end of unit students are able to Knowledge: Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of blood. Skill: Perform physical, psychosocial and spiritual assessment. Assess diagnostic, treatment modalities & new trends Demonstrate advance skills/competent in managing patients with disorders of blood. Attitude : Recognize and relate the nursing research and evidence based nursing practice	 Revie Comm progn Health assess Treatr Nursin Relate Evide 	w of anatomy non Disorder osis. h assessment- ment. ment modaliti ng manageme ed research st nce based nu	History taking, ies and trends. ent. (2 hour)	y. (1hour) ophysiology, C physical exami 1hours)			, Complications, and diagnostic

Unit VIII: Management of patient with Disorders of Blood:							
Course Outcome	Programme	Outcome					
	Clinician/Nurs e educator	Professional	Communica tor	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
,	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of disorders of blood		3	3	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis of blood disorders		3	3	3	3	3	3
CO3: Asses the Health assessment- History taking, physical examination, investigation and diagnostic assessment, for blood d disorders		3	3	3	3	3	3
CO4: describe e the nursing management for the patient suffering from the blood disorders	2	3	3	3	3	3	3
CO5: Review the Evidence based nursing practice in case of blood disorders.	2	3	3	3	3	3	3
CO6:determine the Rehabilitation and follow-up for	2	3	3	3	3	3	3

	patients suffering from the							
IX (10 hours)	At the end of unit students are able to Knowledge: Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of urinary system. Skill: Perform physical, psychosocial and spiritual assessment, Assess diagnostic, treatment modalities and new trends Demonstrate advance skills/competent in managing patients with disorders of urinary system. Attitude: Recognize and relate t he nursing research and evidence based nursing practice.	 Review of Common Complic Health at assessmed Treatment Nursing Related no Evidence Rehabilition 	of anatomy a n Disorders-o ations, progr ssessment-H ent. (2 hours) nt modalities management research stud e based nursi	and trends. (1 t. (1 hour)	v. (1 hour) physiology, ohysical exa hour) hour)	, Clinical mar	nifestations,	diagnostic
	Unit IX: Management of patient with Disorders of Genito Urinary System:							
	Course Outcome	Programme	Outcome					
		Clinician/Nurs e educator	Professiona	Communicator		Lifelong (learner	Critical thinker	Researcher

				member of the health care team and system			
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of genitourinary system.	2	3	3	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	3	3	3	3	3	3
CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	3	3	3	3	3	3
CO 4:Explain the Treatment modalities and new trends in genitourinary system	2	3	3	3	3	3	3
CO 5: discuss the different Nursing management in the managing the case of genitourinary system related research studies	2	3	3	3	3	3	3
CO 6: Explain the rehabilitation and follow-up for the patient of	2	3	3	3	3	3	3

	genitourinary system							
X (10 hours)	At the end of unit students are able	 Review of Common Complic (3 Hours) Health as assessmed Treatmen Nursing Related n Evidence Rehability 	of anatomy n Disorders- ations, prog) ssessment-H ent. (2 Hour nt modalitie managemen research stude based nurs	History taking, pl s) s and trends. it. (1 Hours)	(1 Hours) hysiology nysical exa Iours)	, Clinical ma	unifestations,	diagnostic
	UNIT X: Management of patient with Disorders of Endocrine System: Course Outcome	Programme	Dutcomo					

	Clinician/Nur se educator	Professional	Communicato r	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of Endocrine System		3	2	3	2	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	3	3	2	3	2	3	3
CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	3	3	2	3	2	3	3
CO 4:Explain the Treatment modalities and new trends in Endocrine System	3	3	2	3	2	3	3
CO 5: discuss the different Nursing management in the managing the case of Endocrine system related research studies	3	3	2	3	2	3	3
CO 6: determine the Evidence based nursing practice in the field of endocrine disorders	3	3	2	3	2	3	3
CO7: Explain the Rehabilitation and	3	3	2	3	2	3	3

Image: systemfollow-up with the patient of endocrine disorder.XIAt the end of unit(10students are ablehoursto)Knowledge:Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of musculo-skeletal system.Skill: Perform physical, psychosocial and spiritual assessment.Assess the diagnostic, treatment modalities and new trends Demonstrate advance skills/ competent in managing patients with disorders of musculo-skeletal system.Attitude Recognize and relate t he nursing research and evidence based	Management of patient with Disorders of Musculo Skeletal System: • Review of anatomy and physiology. (1 Hour) • Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis. (3 Hours) • Health assessment-History taking, physical examination, investigation and diagnostic assessment. (2 Hours) • Treatment modalities and trends. (1 Hour) • Nursing management. • Role of nurse in musculo skeletal disorders(1 Hour) • Related research studies • Evidence based nursing practice. (1 Hour) • Rehabilitation and follow-up.(1 Hour) ·
nursing practice.	
Unit	Programme Outcome Clinician/Nurse educator Professional Communicator and Leader and Lifelong learner Critical thinker Researcher

nt of patient with Disorders of Musculo Skeletal System:				member of the health care team and system			
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of Musculo Skeletal system.	2	2	2	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	2	2	3	3	3	3
CO 4:Explain the Treatment modalities and new trends in Musculo Skeletal system.	2	2	2	3	3	3	3
CO 5: discuss the different Nursing management in the managing the case of Musculo Skeletal system.	2	2	2	3	3	3	3
CO 6: Determine the health assessment- History taking, physical examination,	2	2	2	3	3	3	3

	investigation and diagnostic assessment. CO 7:Explain the Treatment modalities and new trends in musculo skeletal	2	2	2	3	3	3	3
XII (8 hours)	students are able	 Review of Common I Complicat (2 hours) Health ass assessmen Treatment Nursing m Related res Evidence I 	anatomy and Disorders-eti ions, progno essment-His t. (1 hour) modalities a anagement. search studie pased nursing	tory taking, physion and trends. (1 hou (1 hour)	Hour) iology, Cli cal examir r)	inical manife	stations,	diagnostic

Unit XII: Management of patient with Disorders of Integumentory System:							
Course Outcome	Programme (Outcome					
	Clinician/Nurs e educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of Integumentory System	-	2	2	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	2	2	3	3	3	3
CO 4: Explain the Treatment modalities and new trends in Integumentory System.	2	2	2	3	3	3	3

d n o S	CO 5: discuss the lifferent Nursing nanagement in the nanaging the case of Integumentory System	2	2	2	3	3	3	3
E n re Ii	CO6:discuss Evidence based nursing practice in elation to ntegumentory System	2	2	2	3	3	3	3
1	CO 7: illustrate the rehabilitation and follow-up	2	2	2	3	3	3	3
(5 s hours to) H a e F d a n c p d a S P P S a A d t t n n c s n v v	tudents are able	 Review of Common Complica Health as assessmen Treatmen Nursing n Related ref Evidence 	f anatomy and Disorders-etion tions, prognosi sessment-Histo nt. (1 hour) t modalities and nanagement. esearch studies.	ry taking, physion d trends. practice.(1hours	Hour) iology, Clinica cal examination			iagnostic

Attitude: Recognize and relate t he nursing research and evidence based nursing practice.							
Unit XIII: Management of patient with Disorders of Eye and ENT:							
Course Outcome	Programme O	utcome					
	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of Disorders of Eye and ENT System	2	2	2	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	3	2	2	3	3	3	3
CO 4: Explain the Treatment modalities and	2	2	2	3	3	3	3

					1			
	new trends in Eye and ENT System							
	CO 5: discuss the different Nursing management in the managing the case of Eye and ENT System	2	3	3	3	3	3	3
	CO6:discuss Evidence based nursing practice in relation to Eye and ENT System	2	2	2	3	3	3	3
	CO 7: illustrate the rehabilitation and follow-up for the patient with Eye and ENT System	3	2	2	3	3	3	3
XIV (8 hours)	students are able	 Review of Common I prognosis. Health ass assessmen Treatment Nursing m Related res Evidence b 	essment-History (vsiology. (1 Hour y, Pathophysiolo taking, physical ends. urs) ctice. (1 hour)	r) ogy, Clinical r	nanifestatio	_	

and evidence based nursing practice.							
UNIT IV: Management of patient with Disorders of Reproductive System:							
Course Outcome	Programme Ou	itcome					
	Clinician/Nurse educator	Professional		Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of Disorders of Reproductive System		2	2	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	3	2	2	3	3	3	3
CO 4: Explain the Treatment modalities and new trends in Reproductive System	2	2	2	3	3	3	3

CO 5	liscuss the	2	2	2	3	3	3	3
differer manage managi	nt Nursing ement in the ng the case roductive	2	2	2	3	3	5	3
	ce based practice in to uctive	2	2	2	3	3	3	3
rehabil	uctive	2	2	2	3	3	3	3
(8studenthoursto)KnowleExplairand phyetiologyPathopldiagnosiassessminanagecomplicepatientsdisordegeriatriaSkill: Fphysicaphysicapsychosisspirituaassessminasse	a anatomy vsiology, y, hysiology, sis hent, ement and cation of s with rs of c nursing. Perform l, social and l hent. the stic, nt ties and nds strate	 Ageing: Demograph Concepts an Cognitive A Normal bio Age related Psychosocia Medication Stress & co Common H Psychosocia Abuse of el Role of nur and spiritua Role of nur Role of fam Home and i Use of aids Legal & Eth Provisions a services; 	sessment – H ny; Myths an nd theories of Aspects of Ag ological agein body system al Aspects of s and elderly. ping in older ealth Probler al and Sexual derly. se for care of l. se for care of l. se for care gi illy and forman nstitutional c and prosthes nical Issues.	f ageing.(1Hr) geing. ng. ns changes, Ageing. adults. ns & Nursing M l.(3Hrs) f elderly; ambula vers of elderly. al and non forma are.(2 hour) is (hearing aids, mes for elderly;	anagement; tion, nutrition al caregivers. dentures), (11	al commu hour)		

with disorders of geriatric nursing. Attitude: Recognize and relate t he nursing research and evidence based nursing practice UNIT XV: Geriatric Nursing:							
Course Outcome	Programme O	utcome					
	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of Nursing Assessment – History and Physical assessment. And discussed about the Ageing:	2	2	2	3	3	3	3
CO2:describe Concepts and theories of ageing Cognitive Aspects of Ageing. Normal biological ageing	2	2	2	3	3	3	3
CO 3: Determine the Age related body systems changes, Psychosocial Aspects of Ageing. Medications and elderly.	2	2	2	3	3	3	3
CO 4: Explain the Stress & coping in older adults.	2	2	2	3	3	3	3

Common Health Problems &Nursing Management							
CO 5: Discuss the Role of nurse for care of elderly; ambulation, nutritional communicational, Psychosocial and spiritual.	2	2	2	3	3	3	3
CO6:Explain the Role of nurse for care givers of elderly. Role of family and formal and nonformalcaregi vers. Home and institutional care.	2	2	2	3	3	3	3
CO 7: Illustrate the Use of aids and prosthesis (hearing aids, dentures), (1 hour)	2	2	2	3	3	3	3
CO8: Explain the Legal & Ethical Issues.	2	2	2	3	3	3	3
CO 9: Discuss about Provisions and Programmes for elderly; privileges, Community Programs and health services; Issues, problems and trends	2	2	2	3	3	3	3

XVI	At the end of unit	Management of patient with Communicable and Sexually Transmitted Diseases:
(8	students are able	• Review of immune system.
hours	to	(1 hour)
)	Knowledge:	• Common Disorders of immune system – HIV / AIDS.
	Explain anatomy	Review of infectious disease process.
	and physiology,	• Communicable diseases-etiology, Pathophysiology, Clinical manifestations complications,
	etiology,	prognosis.(3 hours)
	Pathophysiology,	• Health assessment-History taking physical examination, investigation and
	diagnosis	Diagnostic assessment. (1 hour)
	assessment,	• Treatment modalities and trends.
	management and	Nursing management
	complication of	• Related research studies.
	patients with	• Evidence based nursing practice. (1hour).
	disorders of	 Rehabilitation and follow-up.(1 hour)
	patients with	 New communicable diseases- swine flu& Ebola ,Role of nurse in prevention of
	communicable and	communicable diseases
	sexually	 Dengue, NIPAH, Leptospirosis (1hour)
	transmitted	Dengue, I II I III, Leptospitosis (Indul)
	diseases. Skill: Perform	
	complete assessment,	
	Assess the	
	diagnostic,	
	treatment	
	modalities and	
	new trends.	
	Demonstrate	
	advance skills in	
	managing patients	
	with disorders of	
	patients with	
	communicable and	
	sexually	
	transmitted	
	diseases.	
	Attitude:	
	Recognize and	
	relate t he nursing	
	research and	
	evidence based	
	nursing practice.	
	UNIT XVI:	
	Management of	
	patient with	
	Communicable	
	and Sexually	

Transmitted Diseases:								
Course Outcome	Programme Outcome							
	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researche	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1: Review Review of immune system.	2	2	2	3	3	3	3	
CO2: Explain the Common Disorders of immune system – HIV / AIDS. And Review of infectious disease process	2	2	2	3	3	3	3	
CO3: Describe Communicable diseases-etiology, Pathophysiology, Clinical manifestations complications, prognosis.	2	2	2	3	3	3	3	
CO4: Determine the health assessment- History taking physical examination, investigation and Diagnostic assessment.	2	2	2	3	3	3	3	
CO5:explain Treatment modalities and trends.in Nursing management	2	2	2	3	3	3	3	
CO6:Determine the Related research studies for geriatric	2	2	2	3	3	3	3	

Evidence based nursing practice. (
CO 7:New communicable diseases- swine flu& Ebola ,Role of nurse in prevention of communicable diseases Dengue, NIPAH, Leptospirosis	2	2	2	3	3	3	3

At the end of unit	Emergency, Trauma and Multi System Organ Failure:
students are able	• DIC (disseminated intravascular coagulation) (1 hour)
s to	• Trauma burns, poisoning. (2 hours)
Knowledge:	• Etiology, Patho- physiology, Clinical manifestations, complications, prognosis.
Explain anatomy	(2 hours)
and physiology,	• Health assessment-History taking, physical examination, investigation and
etiology,	• Diagnostic assessment.
Pathophysiology,	 Treatment modalities and trends.
diagnosis,	 Nursing management. (1hour)
assessment,	 Related research studies.
management and	
complication of	
patients with	Role of nurse in emergencies Triage Role of nurse in organ densition
emergency,	Triage ,Role of nurse in organ donation
trauma and	• Rehabilitation and follow-up.(1 hour)
multisystem organ	
failure.	
Skill: Perform	
assessment,	
Assess the	
diagnostic,	
treatment	
modalities and	
new trends and	
Demonstrate	
advance	
skills/competent in	
managing patients	
with disorders of	
emergency,	
trauma and	
multisystem organ failure.	
Attitude:	
Recognize and	
relate t he nursing	
research and	
evidence based	
nursing practice.	
provide.	
UNIT XVII:	
Emergency,	
Trauma and	
Multi System	
Organ Failure:	
Course Outcome	Programme Outcome

	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review DIC (disseminated intravascular coagulation).	2	2	2	3	3	3	3
CO2: Explain the Trauma burns, poisoning.	2	2	2	3	3	3	3
CO3: Describe Etiology, Patho- physiology, Clinical manifestations, complications, prognosis.	2	2	2	3	3	3	3
CO4: Determine the health assessment- History taking physical examination, investigation and Diagnostic assessment.	2	2	2	3	3	3	3
CO5: describe Diagnostic assessment. And Treatment modalities and trends.	2	2	2	3	3	3	3
CO6: Explain the Nursing management,and Related research studies.	2	2	2	3	3	3	3
CO7: : Explain Role of nurse in emergencies and Triage ,Role of nurse in organ donation	2	2	2	3	3	3	3

CO8Describe the	2	2	2	3	3	3	3
Rehabilitation and							
follow-up in							
Emergency,							
Trauma and Multi							
System Organ							
Failure							

AREA AND DISTRIBUTION OF CLINICAL HOURS:

Total = 660 Hours 1 Week = 30

Hours

S.No.	Dept/Unit	No. of Week	Total Hours
1.	General Medical Ward	4	120 Hours
2.	General Surgical Ward	4	120 Hours
3.	ICUs	4	120 Hours
4.	Oncology	2	60 Hours
5.	Ortho	2	60 Hours
6.	Cardio	2	60 Hours
7.	Emergency Department	2	60 Hours
8.	Neuro	2	60 Hours
	Total	22 Weeks	660 Hours

TEACHING STRATEGY:

Total hours: 810

Theory hours: 150

Clinical Hours: 660

TEACHING METHODS:

• Lecture, Seminar, Laboratory Demonstration, Group Discussion, Clinical Observation, Presentation, Bed Side clinic, Clinical Presentation, Workshops, SISA, IDCD and Syndicate Journal Club.

A.V. AIDS:

• Over head Projector, L.C.D, Computer Assisted Instruction, Flip charts, Posters, Black Board, Models, and Simulation.

ASSIGNMENTS:

Theory:

Sr.	Assignment	No./Quantity	Marks per	Total
No.			Assignment	Marks
1	Seminar	Four	1X50	200
2	Panel Discussion (Group Work)	One	1X25	25
3	Speciality related Journal (Article) presentation	Five	1X10	50
			Total Marks	275

Practical:

Sr.	Assignment	No./Quantity	Marks per	Total
No.			Assignment	Marks
1	Case study	Two	1X25	50
2	Case presentation	Two	1X50	100
3	Clinical Performance Evaluation	Two	1X100	200
4	Drug Book	One	1X100	100
5	Nursing Care Plans	Two	1X25	50
6	Field visit	One	1X50	50
7	Mini Clinical Evaluation Exercise (Mini-CEX)	Three	1X10	30
9	Direct Observation of Procedural Skills (DOPS)	Three	1X10	30
Total Marks				610

LIST OF RECOMMENDED BOOKS:

- Text book of Medical Surgical Nursing –Brunner and Suddarth
- Medical Surgical Nursing –Clinical Positive outcome-Joyce and Black
- Medical Surgical Assessment and Management of clinical problems -Lewis, Colliner
- Medical Surgical Nursing A Psychopathologic Approach Luckmann and Sorensen
- Medical Surgical Nursing -A Nursing process Approach
- Medical Surgical nursing –B.T.Basvanthappa
- Moroneys Surgery for nurses –Colmer
- API Textbook of Medicine:-Shah N.S
- Fundamental of Operation theatre Services –Datta T.K
- Essentials of Orthopaedics:-Maheshwari
- Davidsons Principles and Practice of Medicine –Haslett C, Chilvers E.R.
- Watsons Clinical Nursing and related sciences –Walsh M
- The Lippincott Manual of Nursing practice –Netttina, Sandra
- Text book of medical surgical nursing, S.N. Chugh, Avichal Publishing Company .