

CLINICAL SPECIALITY – I

MEDICAL SURGICAL NURSING

Placement : 1ST Year

Hours of Instruction
Theory – 150 Hours
Practical – 650 Hours
Total : 800 Hours

Course Description

This course is common for the students undergoing clinical speciality-II in neuro science nursing / cardiovascular & thoracic nursing / critical care nursing / oncology nursing / orthopaedics and rehabilitation nursing / nephro & urology nursing, gastroenterology nursing / geriatric nursing.

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 skill to function as a specialized Medical-Surgical Nurse. It will further enable the students to function as educator, manager and researcher in the field of Medical Surgical Nursing.

Objectives

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

1. Appreciate trends and issues in the field of Medical – Surgical Nursing as a speciality
2. Apply concepts & theories related to health promotion.
3. Appreciate the client as a holistic individual.
4. Perform physical, psychosocial assessment of Medical – Surgical patients.
5. Apply Nursing process in providing care to patients.
6. Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
7. Recognize and manage emergencies with Medical – Surgical patient's.
8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
9. Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing.
10. Prepare a design for layout and management of Medical – Surgical Units.
11. Appreciate the role of alternative systems of Medicine in care of patients.
12. Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing.
13. recognize the role of Nurse practitioner as a member of the Medical – Surgical health teams
14. Teach Medical – Surgical Nursing to undergraduate nursing students & in-service nurses.

Course Content

Unit	Hours	Content
I	5	<p>Introduction</p> <ul style="list-style-type: none"> ◆ 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.
II	20	<p>Health Assessment of patients</p> <ul style="list-style-type: none"> ◆ History taking. ◆ Physical examination of various systems. ◆ Nutritional assessment. ◆ Related investigations and diagnostic assessment.
III	5	<p>Care in Hospital settings:</p> <ul style="list-style-type: none"> ◆ Ambulatory care. ◆ Acute and 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
IV	10	<p>Management of patients with disorders of Gastro intestinal tract</p> <ul style="list-style-type: none"> ◆ Review of anatomy and physiology. ◆ 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	Hours	Content
V	10	<p>Management of patients with disorders of nervous system</p> <ul style="list-style-type: none"> ◆ Review of anatomy and physiology. ◆ 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
VI	10	<p>Management of patients with disorders of respiratory system</p> <ul style="list-style-type: none"> ◆ Review of anatomy and physiology. ◆ 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
VII	10	<p>Management of patients with disorders of cardio vascular system</p> <ul style="list-style-type: none"> ◆ Review of anatomy and physiology. ◆ 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	Hours	Content
VIII	5	<p>Management of patients with disorders of blood</p> <ul style="list-style-type: none"> ◆ Review of anatomy and physiology. ◆ 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
IX	10	<p>Management of patients with disorders of genitor urinary system</p> <ul style="list-style-type: none"> ◆ Review of anatomy and physiology. ◆ 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
X	10	<p>Management of patients with disorders of endocrine system</p> <ul style="list-style-type: none"> ◆ Review of anatomy and physiology. ◆ 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	Hours	Content
XI	10	<p>Management of patients with disorders of musculo-skeletal system</p> <ul style="list-style-type: none"> <li>◆ Review of anatomy and physiology. <li>◆ Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis. <li>◆ Health assessment- History taking, physical examination, investigation and diagnostic assessment. <li>◆ Treatment modalities and trends. <li>◆ Nursing management. <li>◆ Related research studies. <li>◆ Evidence based nursing practice. <li>◆ Rehabilitation and follow-up
XII	8	<p>Management of patients with disorders of integumentary system</p> <ul style="list-style-type: none"> <li>◆ Review of anatomy and physiology. <li>◆ Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis. <li>◆ Health assessment- History taking, physical examination, investigation and diagnostic assessment. <li>◆ Treatment modalities and trends. <li>◆ Nursing management. <li>◆ Related research studies. <li>◆ Evidence based nursing practice. <li>◆ Rehabilitation and follow-up
XIII	5	<p>Management of patients with disorders of Eye and ENT</p> <ul style="list-style-type: none"> <li>◆ Review of anatomy and physiology. <li>◆ Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis. <li>◆ Health assessment- History taking, physical examination, investigation and diagnostic assessment. <li>◆ Treatment modalities and trends. <li>◆ Nursing management. <li>◆ Related research studies. <li>◆ Evidence based nursing practice. <li>◆ Rehabilitation and follow-up

Unit	Hours	Content
XIV	8	<p>Management of patients with disorders of reproductive system</p> <ul style="list-style-type: none"> <li>◆ Review of anatomy and physiology. <li>◆ Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis. <li>◆ Health assessment- History taking, physical examination, investigation and diagnostic assessment. <li>◆ Treatment modalities and trends. <li>◆ Nursing management. <li>◆ Related research studies. <li>◆ Evidence based nursing practice. <li>◆ Rehabilitation and follow-up
XV	8	<p>Geriatric nursing</p> <ul style="list-style-type: none"> <li>◆ Nursing Assessment – History and Physical assessment. <li>◆ Ageing; <li>◆ Demography; Myths and realities. <li>◆ Concepts and theories of ageing. <li>◆ Cognitive Aspects of Ageing. <li>◆ Normal biological ageing. <li>◆ Age related body systems changes <li>◆ Psychosocial Aspects of Ageing. <li>◆ Medications and elderly. <li>◆ Stress & coping in older adults. <li>◆ Common Health Problems & Nursing Management; <li>◆ Psychosocial and Sexual. <li>◆ Abuse of elderly. <li>◆ Role of nurse for care of elderly; ambulation, nutritional communicational, psychosocial and spiritual. <li>◆ Role of nurse for caregivers of elderly. <li>◆ Role of family and formal and non formal caregivers. <li>◆ Use of aids and prosthesis (hearing aids, dentures, <li>◆ Legal & Ethical Issues. <li>◆ Provisions and Programmes for elderly; privileges, Community Programs and health services; <li>◆ Home and institutional care. <li>◆ Issues, problems and trends.

Unit	Hours	Content
XVI	8	<p>Management of patients with communicable and sexually transmitted diseases:</p> <ul style="list-style-type: none"> ◆ Review of immune system. ◆ Disorders of immune system – HIV / AIDS. ◆ Review of infectious disease process. ◆ Communicable diseases- 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
XVII	8	<p>Emergency, trauma and multi-system organ failure</p> <ul style="list-style-type: none"> ◆ DIC (disseminated intravascular coagulation) ◆ Trauma, burns, poisoning ◆ Etiology, Patho physiology, Clinical manifestatios, 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

PRACTICAL

Total = 650 Hours

1 week = 30 Hours

SN	Dept / Unit	No. of Week	Total Hours
1	OPD	1	30 Hours
2	Eye Ward	1	30 Hours
3	ENT	1	30 Hours
4	Dermatology Ward	1	30 Hours
5	Burn and Plastic Surgery Ward	1	30 Hours
6	Medical Surgical ICU	4	110 Hours
7	Emergency Department	2	60 Hours
8	Cancer Ward	1	30 Hours
9	Cardio-Thoracic Ward	3	90 Hours
10	Neuro	2	60 Hours
11	Orthopaedic Ward	2	60 Hours
12	Nephro-Uro	2	60 Hours
13	GI Units	1	30 Hours
	Total	22 Weeks	650 Hours

Student Activities:

- Clinical presentations
- History taking
- Health Assessment
- Nutritional Assessment
- Health Education related to disease conditions
- Case studies
- Projects work
- Field visis

Essential Nursing Skills

- Health assessment
- Triage
- CPR
- Pulse oxymetry

EVALUATION BASIS

Theory

1. Test paper -	Mid Term	-	=	50 marks
	Pre-final	-	=	75 marks
2. Other Assignment	Seminar		=	100 marks
	Project work		=	100 marks

Total -				325 marks

Internal Assessment Total marks out of 25

External Assessment Total marks out of 75

Practical Experience Assignments

Case study	:	02	(50 marks each)	50 x 2 =	100
Case Presentation	:	02	(50 marks each)	50 x 2 =	100
Care Plan	:	03	(50 marks each)	50 x 3 =	150
Clinical Performance Evaluation:		03	(100 marks each)	100 x 3 =	300
					<hr/>
					650

Internal Assessment Total marks out of 100

External Assessment Total marks out of 100

M.Sc. NURSING : CLINICAL SPECIALITY – I

PROFORMA & GUIDELINE FOR CASE STUDY

Area :- (Maximum Marks – 50)

01. Selection of patient.
02. Demographic data of the patient.
03. Medical history past and present illness.
04. Comparison of the patient's disease with book picture.
 - a) Anatomy and physiology.
 - b) Etiology.
 - c) Patho physiology.
 - d) Signs and symptoms.
 - e) Diagnosis - provisional & final
 - f) Investigations
 - g) Complications & prognosis.
05. Management:- Medical or Surgical
 - a) Aims and objectives.
 - b) Drugs and Medications.
 - c) Diet.
06. Nursing Management (Nursing Process approach)
 - a) Aims and objectives.
 - b) Assessment and specific observations.
 - c) Nursing diagnosis.
 - d) Nursing care plan (Short term & long term with rationale.)
 - e) Implementation of nursing care with priority.
 - f) Health teaching.
 - g) Day to day progress report & evaluation.
 - h) Discharge planning.
07. Drug Study.
08. Research evidence.
09. Summary and conclusion.
10. Bibliography.

EVALUATION CRITERIA FOR CASE STUDY.

(Maximum Marks – 50)

SN	Criteria	Marks allotted.	Marks obtained	Total
01.	Assessment	5		
02.	theoretical knowledge about disease	5		
03.	Comparative study of the patient's disease & book picture.	10		
04.	Management: Medical or Surgical.	5		
05.	Nursing Process.	15		
06.	Drug study.	3		
07.	Summary & conclusion including research evidence.	5		
08.	Bibliography.	2		
<hr/>				
	Total	50		

Signature of Student

Signature of Clinical supervisor

M Sc NURSING: CLINICAL SPECIALITY – I

PROFORMA & GUIDELINE FOR CASE PRESENTATION

I] Patient Biodata

Name, Age, Sex, Religion, Marital status, Occupation, Source of health care, Date of admission, Provisional Diagnosis, Date of surgery if any.

II] Presenting complaints

Describe the complaints with which the child has been brought to the hospital

III] Socio-economic status of the family: Monthly income, expenditure on health, food, education etc.

IV] History of Illness (Medical & Surgical)

i) History of present illness – onset, symptoms, duration, precipitating/aggravating factors

ii) History of past illness surgery, allergies, medications etc.

iii) Family history – Family tree, history of illness in the family members, risk factors, congenital problems, psychological problems etc.

V] Diagnosis: (Provisional & confirmed).

Description of disease: Includes the followings

1. Definition.

2. Related anatomy and physiology

2. Etiology & risk factors

3. Path physiology

5. Clinical features.

VI] Physical Examination of Patient (Date & Time)

Physical examination: with date and time.

Clinical features present in the book Present in the patient

VII] Investigations

Date Investigation done Results Normal value Inferences

VIII] Management - (Medical /Surgical)

a) Aims of management

b) Objectives of Nursing Care Plan

IX] Treatment:

S.No	Drug (Pharmacological name)	Dose	Frequency/ Time	Action	Side effects & drug reaction
------	-----------------------------	------	-----------------	--------	------------------------------

Nurse's

responsibility

- Medical or Surgical Management.

- Nursing management

X] Nursing Care Plan: Short Term & Long Term plan.

Assessment Nursing

Diagnosis

Objective Plan of

care

Rationale Implementation Evaluation

XI] Discharge planning:

It should include health education and discharge planning given to the patient.

XII] Prognosis of the patient:

XIII] Summary of the case:

IVX] References:

EVALUATION CRITERIA FOR CASE PRESENTATION

Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained	Total
1	Content Subjective & objective data.	08		
2	Problems & need Identified & Nsg. Care Plan	15		
3	Effectiveness of presentation	5		
4	Co-relation with patient & Book i. e. research evidence.	10		
5	Use of A. V. Aids	5		
6	Physical arrangement	2		
7	Group participation	3		
8	Bibliography & references	2		
	Total	50		

CLINICAL EVALUATION: COMPREHENSIVE NURSING CARE

(Maximum Marks – 100 each area.)

Name of the Student _____

Year: _____

Duration of Experience: _____

SN	Criteria	1	2	3	4	5
I	UNDERSTANDING OF PATIENT AS PERSON A. Approach. 1. Rapport with patient/ family members. 2. Collects significant information. B. Understanding of patient's health problems. 1. Knowledge about disease condition. 2. Knowledge about investigations. 3. Knowledge about treatment. 4. Knowledge about progress of the patient.					
II	NURSING CARE PLAN A. Assessment of the condition of the patient. 1. History taking – past & present health and illness. 2. Specific observation of the patient. 3. Nursing diagnosis. B. Development of the short – term & long term Nursing care plans. 1. Identification of all problems in the patient/ family. 2. Prioritization & implementation of the plans. 3. Evaluation of the care given & replanning					
III	TECHNICAL SKILL 1. Economical & safe adaptation to the situation & available facilities. 2. Implements the procedure with skill speed & completeness.					
IV	RECORDING & REPORTING 1. Prompt, precise, accurate & relevant. 2. Maintenance of clinical experience file.					
V	HEALTH TEACHING 1. Incidental/ planned teaching with principles of teaching & learning. 2. Uses visual aids appropriately					
VI	PERSONALITY 1. Professional appearance (uniform, dignity, tact fullness interpersonal relationship, punctuality etc. 2. Sincerely, honesty & Sense of responsibility.					
	TOTAL MARKS					

Positive & Negative aspects.

Signature of Student _____

Signature of Clinical supervisor _____

REFERENCES

1. Black M.J., Hawks H.J., "Medical Surgical Nursing, Clinical Management for positive outcome" 7th Ed., Saunders, Elsevier.
2. Smeltzer, Bare Brunner and Suddarths Medical Surgical Nursing.
3. The Lippincott Manual of Nursing practice, Lippincott.
4. MANN, RUSSELL, WILLIAMS, Bailey & Love's short practice of Surgery.
5. Potter & Perry Fundamentals of Nursing, Elsevier.
6. Urdan Bavic, Thelan, Essentials of critical care Nursing.
7. Urban, A.N., Greenlac K.K. "Guidelines for critical care Nursing Mosby
8. Wood L.S., Frelicher S.E fetal cardiac Nursing. Lippincott Williams & Wilkings.
9. Gulanic, Klopp, Galnes fetal Nursing care plans nursing diagnosis and intervention.
10. Lewis, Collier & Heitkemper Medical Surgical Nursing assessment and management of clinical problems.

KASTURBA NURSING COLLEGE, SEWAGRAM-WARDHA

EVALUATION CRITERIA FOR *NURSING CARE PLAN*

(Maximum Marks – 50)

Name of the Student : _____

Date :

Field placement : _____

SN	CRITERIA	MARKS ALLOTTED	MARKS OBTAINED	TOTAL
1	1. History taking	6		
2	2. Assessment of needs & problems	10		
3	3. Nursing process	16		
4	4. Implementation of care	10		
5	5. Follow-up care	4		
6	6. Bibliography	4		
	TOTAL	50		

N.B. : One Nursing Care Plan : 50 Marks

Remarks

Signature of Students

Signature of Supervisor