

# Medical Surgical Nursing

(Adult including Geriatrics) – II

**Placement :** Third Year

**Time :** Theory – 120 hours

**Practical** – 270 hours

**Course Description :** The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorders in varieties of health care settings and at home.

Unit	Time (Hrs)	Learning Objectives	Content and Teaching Learning Activity
I	15	<ul style="list-style-type: none"> <li>▪ Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat</li> </ul>	<p><b>Nursing management of patient with disorders of Ear Nose and Throat</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology of the Ear Nose and Throat</li> <li>• Nursing assessment- History and Physical assessment</li> <li>• Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical &amp; Surgical nursing management of Ear Nose &amp; Throat disorders:               <ul style="list-style-type: none"> <li>○ External ear: deformities otalgia, foreign bodies, and tumours</li> <li>○ Middle Ear – Impacted wax, Tympanic membrane perforation, otitis media, otosclerosis, mastoiditis, tumours</li> <li>○ Inner ear – Meniere’s Disease, labyrinthitis, ototoxicity, tumours</li> <li>○ Upper airway infections – Common cold, sinusitis, <u>ethinitis</u>, rhinitis, pharyngitis, tonsillitis and adenoiditis, peritonsillar abscess, laryngitis</li> </ul> </li> <li>• Upper respiratory airway – epistaxis,</li> <li>• Nasal obstruction, laryngeal obstruction, cancer of the larynx</li> <li>• Cancer of the oral cavity</li> <li>• Speech defects and speech therapy</li> <li>• Deafness –</li> <li>• Prevention, control and rehabilitation</li> <li>• Hearing Aids, implanted hearing devices</li> </ul> <p>Special Therapies Nursing procedures Drugs used in treatment of disorders of Ear Nose and Throat Role of nurse Communicating with hearing impaired and muteness.</p> <p><b>Teaching learning Activities</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides               <ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Practice session</li> </ul> </li> </ul>

			<ul style="list-style-type: none"> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation Assess-ment of skills with check list</li> <li>• Assessment of patient management problem</li> </ul>
II	15	<ul style="list-style-type: none"> <li>• Describe the etiology, patho physiology, clinical manifestations, diagnostic measures and management of patients with disorders of eye.</li> </ul>	<p><b>Nursing management of patient with disorder of eye</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology of the eye –</li> <li>• Nursing Assessment - History and Physical assessment</li> <li>• Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical &amp; Surgical nursing management of eye disorders: <ul style="list-style-type: none"> <li>○ Refractive errors</li> <li>○ Eyelids-infection, tumours &amp; deformities</li> <li>○ Conjunctiva - inflammation and infection, bleeding</li> <li>○ Cornea-inflammation and infection</li> <li>○ Lens-Cataracts</li> <li>○ Glaucoma</li> <li>○ Disorder of the <u>uveal</u> tract,</li> <li>○ Ocular tumours</li> <li>○ Disorders of posterior chamber &amp; retina : retinal and vitreous problems</li> <li>○ Retinal detachment</li> <li>○ Ocular emergencies and their prevention</li> </ul> </li> <li>• Blindness</li> <li>• National blindness control program</li> <li>○ Eye Banking</li> <li>○ Eye prostheses and Rehabilitation</li> </ul> <p>Role of nurse - Communication with visually impaired patient, Eye camps Special Therapies Nursing procedures Drugs used in treatment of disorders of eye</p> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides <ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation</li> <li>• Visit to eye bank</li> <li>• Participation in eye-camps</li> <li>• Assess-ment of skills with check list</li> <li>• Assessment of patient management problem</li> </ul> </li> </ul>

III	16	<ul style="list-style-type: none"> <li>Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures &amp; nursing management of patients with neurological disorders</li> </ul>	<p><b>Nursing management of patient with neurological disorders</b></p> <ul style="list-style-type: none"> <li>Review of anatomy and physiology of the neurological system</li> <li>Nursing Assessment - History and Physical and neurological</li> <li>Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical &amp; Surgical nursing management of neurological disorders</li> <li>Congenital malformations</li> <li>Headache</li> <li>Head Injuries</li> <li>Spinal Injuries: <ul style="list-style-type: none"> <li>Paraplegia</li> <li>Hemiplegia</li> <li>Quadraplegia</li> </ul> </li> <li>Spinal cord compression-herniation of intervertebral disc</li> <li>Tumors of the brain &amp; spinal cord</li> <li>Intra cranial &amp; cerebral aneurysms</li> <li>Infections : <ul style="list-style-type: none"> <li>Meningitis, Encephalitis, Brain abscess, neurocysticercosis</li> </ul> </li> <li>Movement disorders <ul style="list-style-type: none"> <li>Chorea</li> <li>Seizures</li> <li>Epilepsies</li> </ul> </li> <li>Cerebro Vascular Accidents (CVA)</li> <li>Cranial, Spinal Neuropathies - Bell's palsy, trigeminal neuralgia</li> <li>Peripheral Neuropathies; Guillain-Barré Syndrome</li> <li>Myasthenia gravis</li> <li>Multiple sclerosis</li> <li>Degenerative diseases <ul style="list-style-type: none"> <li>Delirium</li> <li>Dementia</li> <li>Alzheimer's disease</li> <li>Parkinson's disease</li> </ul> </li> <li>Management of unconscious patients &amp; patients with stroke</li> <li>Role of the nurse in communicating with patient having neurological deficit</li> <li>Rehabilitation of patients with neurological deficit</li> </ul> <p>Role of nurse in long stay facility (institutions) and at home</p> <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of neurological disorders</p> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>Lecture Discussion</li> <li>Explain using Charts, graphs</li> <li>Models, films, slides <ul style="list-style-type: none"> <li>Demonstration</li> </ul> </li> </ul>
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			<ul style="list-style-type: none"> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation</li> <li>• Visit to rehabilitation centre</li> <li>• Assess-ment of skills with check list</li> <li>• Assessment of patient manage-ment problem</li> </ul>
IV	16	<ul style="list-style-type: none"> <li>• Describe the etiology, patho-physiology, clinical manifestation s, diagnostic measures &amp; nursing management of patients with disorders of female reproductive system</li> <li>• Describe concepts of reproductive health &amp; family welfare programme</li> </ul>	<p><b>Nursing management of patients with disorders of female reproductive system</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology of the female reproductive system</li> <li>• Nursing Assessment - History and Physical assessment</li> <li>• Breast Self Examination</li> <li>• Etiology, Pathophysiology , clinical manifesta-tions, diagnosis, treatment modalities and medical &amp; Surgical nursing management of disorder of female reproductive system</li> <li>• Congenital abnormalities of female reproductive system</li> <li>• Sexuality &amp; Reproductive Health</li> <li>• Sexual Health Assessment</li> <li>• Menstrual Disorders; Dysmenorrhea, Amenorrhea, Premenstrual Syndrome</li> <li>• Abnormal Uterine Bleeding; Menorrhagia, Metrorrhagia</li> <li>• Pelvic Inflammatory Disease –</li> <li>• Ovarian and fallopian tube disorders; infections, cysts, tumours</li> <li>• Uterine &amp; cervical disorders; Endometriosis, polyps, Fibroids, Cervical &amp; uterine tumours, uterine displacement, Cystocele/ Urethrocele/Rectocele</li> <li>• Vaginal disorders; Infections, cysts, tumours</li> <li>• Diseases of breasts; Deformities, Infections, Cysts and Tumours</li> <li>• Menopause and Hormonal Replacement Therapy</li> <li>• Infertility</li> <li>• Contraception ; Types Methods, Risk and effectiveness <ul style="list-style-type: none"> <li>○ Spacing Methods <ul style="list-style-type: none"> <li>- Barrier methods, Intra Uterine Devices, Hormonal, Post Conceptional Methods, etc</li> </ul> </li> <li>○ Terminal methods <ul style="list-style-type: none"> <li>- Sterilization</li> </ul> </li> </ul> </li> <li>• Emergency Contraception methods</li> <li>• Abortion – Natural, Medical &amp; surgical abortion – MTP Act</li> <li>• Toxic Shock Syndrome</li> <li>• Injuries &amp; Trauma; Sexual violence</li> </ul> <p>Special Therapies Nursing procedures Drugs used in treatment of gynaecological disorders</p>

			<p>National family welfare programme</p> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides <ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation</li> <li>• Assessment of skills with check list</li> <li>• Assessment of patient management problem</li> </ul> </li> </ul>
V	10	<ul style="list-style-type: none"> <li>• Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures &amp; nursing management of patients <b>with Burns, reconstructive and cosmetic surgery</b></li> </ul>	<p><b>Nursing management of patients with Burns, reconstructive &amp; cosmetic surgery</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology of the skin &amp; connective tissues and various deformities</li> <li>• Nursing Assessment - History and Physical assessment &amp; Assessment of burns &amp; fluid and electrolyte loss</li> <li>• Etiology, Classification, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical &amp; Surgical nursing management of Burns &amp; Reconstructive and Cosmetic surgery;</li> <li>• Types of Reconstructive and Cosmetic surgery; for burns, congenital deformities, injuries &amp; cosmetic purposes</li> <li>• Role of Nurse</li> <li>• Legal aspects</li> <li>• Rehabilitation</li> <li>• Special therapies <ul style="list-style-type: none"> <li>○ Psycho social aspects</li> </ul> </li> </ul> <p>Nursing procedures</p> <p>Drugs used in treatment of Burns, reconstructive and cosmetic surgery</p> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides <ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation</li> </ul> </li> </ul>
VI	10	<ul style="list-style-type: none"> <li>• Describe the etiology,</li> </ul>	<p><b>Nursing management of patients with oncological conditions</b></p>

		<p>patho-physiology, clinical manifestations, diagnostic measures &amp; nursing management of patients with oncology</p>	<ul style="list-style-type: none"> <li>• Structure &amp; characteristics of normal &amp; cancer cells</li> <li>• Nursing Assessment - History and Physical assessment</li> <li>• Prevention, Screening, Early detection, Warning signs of cancer</li> <li>• Epidemiology, Etiology, Classification, Patho-physiology, Staging, clinical manifestations, diagnosis, treatment modalities and medical &amp; Surgical nursing management of oncological conditions</li> <li>• Common malignancies of various body systems ; Oral, larynx, lung, Stomach &amp; Colon, Liver, Leukemias &amp; lymphomas, Breast, Cervix, Ovary, Uterus, Sarcoma, Brain, Renal, Bladder, Prostate etc</li> <li>• Oncological emergencies</li> <li>• Modalities of treatment <ul style="list-style-type: none"> <li>○ Immunotherapy</li> <li>○ Chemotherapy</li> <li>○ Radiotherapy</li> <li>○ Surgical Interventions</li> <li>○ Stem cell and Bone marrow transplants</li> <li>○ Gene therapy</li> <li>○ Other forms of treatment</li> </ul> </li> <li>• Psychosocial aspects of cancer</li> <li>• Rehabilitation</li> <li>• Palliative care; Symptom and Pain Management, Nutritional support</li> <li>• Home care</li> <li>• Hospice care</li> <li>• Stomal Therapy</li> <li>• Special therapies <ul style="list-style-type: none"> <li>○ Psycho social aspects</li> </ul> </li> <li>• Nursing procedures</li> </ul> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides <ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation</li> <li>• Assess-ment of skills with check list</li> <li>• Assess-ment of patient manage-ment problem</li> </ul> </li> </ul>
VII	10	<ul style="list-style-type: none"> <li>• Describe organiza-tion of emergency &amp; disaster</li> </ul>	<p><b>Nursing management of patient in Emergency &amp; Disaster situations</b></p> <p><b>Disaster Nursing :</b></p> <ul style="list-style-type: none"> <li>• Concepts &amp; principles of Disaster Nursing</li> </ul>

		<p>care services</p> <ul style="list-style-type: none"> <li>• Describe the role of nurse in disaster management</li> <li>• Describe the role of nurse in management of common Emergencies</li> </ul>	<ul style="list-style-type: none"> <li>• Causes and Types of Disaster : Natural and Man-made <ul style="list-style-type: none"> <li>○ Earthquakes, Floods, Epidemics, Cyclones</li> <li>○ Fire, Explosion, Accidents</li> <li>○ Violence, Terrorism; bio-chemical, War</li> </ul> </li> <li>• Policies related to emergency/disaster management; International, national, state, institutional</li> <li>• Disaster preparedness: <ul style="list-style-type: none"> <li>• Team, Guidelines, protocols, Equipments, Resources</li> <li>• Coordination and involvement of; Community, various govt. departments, non-govt. organizations &amp; International agencies</li> <li>• Role of nurse: working</li> <li>• Legal Aspects of Disaster Nursing</li> <li>• Impact on Health and after effects; Post Traumatic Stress Disorder</li> <li>• Rehabilitation; physical, psycho-social, Financial, Relocation</li> </ul> </li> <li><b>Emergency Nursing</b> <ul style="list-style-type: none"> <li>• Concept, priorities, principles &amp; scope of emergency nursing</li> <li>• Organization of emergency services: physical setup, staffing, equipment and supplies, protocols, Concepts of triage &amp; role of triage nurse</li> <li>• Coordination &amp; involvement of different departments &amp; facilities</li> <li>• Nursing Assessment- History and Physical assessment</li> <li>• Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical &amp; Surgical nursing management of patient with medical &amp; surgical Emergency</li> <li>• Principles of emergency management</li> <li>• Common Emergencies; <ul style="list-style-type: none"> <li>• Respiratory Emergencies</li> <li>• Cardiac Emergencies</li> <li>• Shock &amp; Haemorrhage</li> <li>• Pain</li> <li>• Poly-Trauma, road accidents, crush injuries, wound</li> <li>• Bites</li> <li>• Poisoning; Food, Gas, Drugs &amp; chemical poisoning</li> <li>• Seizures</li> <li>• Thermal Emergencies</li> </ul> </li> <li>Heat stroke &amp; Cold injuries <ul style="list-style-type: none"> <li>• Pediatric Emergencies</li> <li>• Psychiatric Emergencies</li> <li>• Obstetrical Emergencies</li> <li>• Violence, Abuse, Sexual assault</li> <li>• Cardio Pulmonary Resuscitation</li> <li>• Crisis Intervention</li> </ul> </li> <li>• Role of the nurse; Communication &amp; Inter personal</li> </ul> </li> </ul>
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			<p>Relations</p> <ul style="list-style-type: none"> <li>• Medico-Legal Aspects;</li> </ul> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides <ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Disaster management Drills</li> <li>• Drug book/ presentation</li> <li>• Assess-ment of skills with check list</li> <li>• Assess-ment of patient manage-ment problem</li> </ul> </li> </ul>
VIII	10	<ul style="list-style-type: none"> <li>• Explain the concept and problems of aging</li> <li>• Describe nursing care of the elderly</li> </ul>	<p><b>Nursing care of the elderly</b></p> <ul style="list-style-type: none"> <li>• Nursing Assessment –History &amp; Physical assessment</li> <li>• Ageing;</li> <li>• Demography; Myths and realities</li> <li>• Concepts &amp; theories of ageing</li> <li>• Cognitive Aspects of Ageing</li> <li>• Normal biological ageing</li> <li>• Age related body systems changes</li> <li>• Psychosocial Aspects of Ageing</li> <li>• Medications and elderly</li> <li>• Stress &amp; coping in older adults</li> <li>• Common Health Problems &amp; Nursing Management;</li> <li>• Cardiovascular, Respira-tory, Musculoskeletal,</li> <li>• Endocrine, genitor-urinary, gastrointestinal</li> <li>• Neurological, Skin and other Sensory organs</li> <li>○ Psychosocial and Sexual</li> <li>○ Abuse of elderly</li> <li>• Role of nurse for care of elderly: ambulation, nutritional, communicational, psychosocial &amp; spiritual</li> <li>• Role of nurse for caregivers of elderly</li> <li>• Role of family and formal and non formal caregivers</li> <li>• Use of aids &amp; prosthesis (hearing aids, dentures,</li> <li>• Legal &amp; Ethical Issues</li> <li>• Provisions &amp; Programmes for elderly; privileges, Community Programs and health services;</li> <li>• Home &amp; institutional care</li> </ul> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides <ul style="list-style-type: none"> <li>• Demonstration</li> </ul> </li> </ul>

			<ul style="list-style-type: none"> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation</li> <li>• Visit to old age home</li> <li>• Assess-ment of skills with check list</li> <li>• Assessment of patient manage-ment problem</li> </ul>
IX	10	<ul style="list-style-type: none"> <li>• Describe organization of critical care units</li> <li>• Describe the role of nurse in management of patients critical care units</li> </ul>	<p><b>Nursing management of patient in critical care units</b></p> <ul style="list-style-type: none"> <li>• Nursing Assessment –History &amp; Physical assessment</li> <li>• Classification</li> <li>• Principles of critical care nursing</li> <li>• Organization; Physical setup, Policies, staffing norms,</li> <li>• Protocols, equipment and supplies</li> <li>• Special equipments; ventilators, cardiac monitors, defibrillators,</li> <li>• Resuscitation equipments</li> <li>• Infection Control Protocols</li> <li>• Nursing management of critically ill patient;</li> <li>• Monitoring of critically ill patient</li> <li>• CPR-Advance Cardiac Life support</li> <li>• Treatments &amp; procedures</li> <li>• Transitional care</li> <li>• Ethical &amp; Legal Aspects</li> <li>• Communication with patient and family</li> <li>• Intensive care records</li> <li>• Crisis Intervention</li> <li>• Death &amp; Dying-coping with</li> <li>• Drugs used in critical care unit</li> </ul> <p><b>Teaching Learning Activity</b></p> <ul style="list-style-type: none"> <li>• Lecture Discussion</li> <li>• Explain using Charts, graphs</li> <li>• Models, films, slides <ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Role plays</li> <li>• Counseling</li> <li>• Practice session</li> <li>• Case discussions/ Seminar</li> <li>• Health education</li> <li>• Supervised clinical practice</li> <li>• Drug book/ presentation</li> <li>• Assess-ment of skills with check list</li> <li>• Assessment of patient manage-ment problem</li> </ul> </li> </ul>
X	8	<ul style="list-style-type: none"> <li>• Describe the etiology,</li> </ul>	<p><b>Nursing management of patients adults including elderly with Occupational and Industrial disorders</b></p>

		<p>patho-physiology, clinical manifestations, assessment, diagnostic measures &amp; management of patients with occupational and industrial health disorder</p>	<ul style="list-style-type: none"> <li>• Nursing Assessment –History &amp; Physical assessment</li> <li>• Etiology, Pathophysio-logy, clinical manifesta-tions, diagnosis, treatment modalities and medical &amp; Surgical nursing manage-ment of occupational and industrial health disorders</li> <li>• Role of nurse</li> </ul> <p>Special Therapies, alternative therapies Nursing procedures Drugs used in treatment of Occupational &amp; Industrial disorders</p> <p><b>Teaching Learning Activity</b></p>
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# Medical Surgical Nursing – II Practical

(Adult and Geriatrics) – II

**Placement :** Third Year

**Time :** Theory – 120 hrs

Practical – 270 hrs

Clinical Training – 430 hrs

Areas	Durati on (in wks)	Objectives of Posting	Skills to be developed	Assignments	Assessment methods
ENT	1	<ul style="list-style-type: none"> <li>• Provide care to patients with ENT disorders</li> <li>• Counsel and educate patient and families</li> </ul>	<ul style="list-style-type: none"> <li>• Perform examination of ear, nose and throat</li> <li>• Assist with diagnostic procedures</li> <li>• Assist with therapeutic procedures</li> <li>• Instillation of drops</li> <li>• Perform/assist with irrigations</li> <li>• Apply ear bandage</li> <li>• Perform tracheostomy care</li> <li>• Teach patients &amp; families</li> </ul>	<ul style="list-style-type: none"> <li>• Provide care to 2-3 assigned patients</li> <li>• Nursing care plan -1</li> <li>• Observation reports of OPD</li> <li>• Maintain drug book</li> </ul>	<ul style="list-style-type: none"> <li>• Assess each skill with checklist</li> <li>• Assess performance with rating scale</li> <li>• Evaluation of observation report of OPD</li> <li>• Completion of activity record</li> </ul>
Ophtha- mology	1	<ul style="list-style-type: none"> <li>• Provide care to patients with Eye disorders</li> <li>• Counsel and educate patient and families</li> </ul>	<ul style="list-style-type: none"> <li>• Perform examination of eye</li> <li>• Assist with diagnostic procedures</li> <li>• Assist with therapeutic procedures</li> <li>• Perform/assist with irrigations</li> <li>• Apply eye bandage</li> <li>• Apply eye drops/ ointments</li> <li>• Assist with foreign body removal</li> <li>• Teach patients &amp; families</li> </ul>	<ul style="list-style-type: none"> <li>• Provide care to 2-3 assigned patients</li> <li>• Nursing care plan -1</li> <li>• Observation reports of OPD &amp; Eye bank</li> </ul>	<ul style="list-style-type: none"> <li>• Assess each skill with checklist</li> <li>• Assess performance with rating scale</li> <li>• Evaluation of observation report of OPD</li> </ul>

				<ul style="list-style-type: none"> <li>• Maintain drug book</li> </ul>	<ul style="list-style-type: none"> <li>• /Eye bank</li> <li>• Completion of activity record</li> </ul>
Neurology	2	<ul style="list-style-type: none"> <li>• Provide care to patients with neurological disorders</li> <li>• Counsel and educate patient and families</li> </ul>	<ul style="list-style-type: none"> <li>• Perform Neurological Examination</li> <li>• Use Glasgow coma scale</li> <li>• Assist with diagnostic procedures</li> <li>• Assist with therapeutic procedures</li> <li>• Teach patients &amp; families</li> <li>• Participate in rehabilitation program</li> </ul>	<ul style="list-style-type: none"> <li>• Provide care to assigned 2-3 patients with neurological disorders</li> <li>• Case study/case presentation – 1</li> <li>• Maintain drug book</li> <li>• Health Teaching-1</li> </ul>	<ul style="list-style-type: none"> <li>• Assess each skill with checklist</li> <li>• Assess performance with rating scale</li> <li>• 3.Evaluation of case study &amp; health teaching</li> <li>• Completion of activity record</li> </ul>
Gynecology ward	1	<ul style="list-style-type: none"> <li>• Provide care to patients with gynecological disorders</li> <li>• Counsel and educate patient and families</li> </ul>	<ul style="list-style-type: none"> <li>• Assist with gynecological Examination</li> <li>• Assist with diagnostic procedures</li> <li>• Assist with therapeutic procedures</li> <li>• Teach patients families</li> <li>• Teaching self Breast Examination</li> <li>• Assist with PAP smear collection</li> </ul>	<ul style="list-style-type: none"> <li>• Provide care to 2-3 assigned patients</li> <li>• Nursing care plan -1</li> <li>• Maintain drug book</li> </ul>	<ul style="list-style-type: none"> <li>• Assess each skill with checklist</li> <li>• Assess performance with rating scale</li> <li>• Evaluation of care plan</li> <li>• Completion of activity record</li> </ul>
Burns	1	<ul style="list-style-type: none"> <li>• Provide</li> </ul>	<ul style="list-style-type: none"> <li>• Assessment of the</li> </ul>	<ul style="list-style-type: none"> <li>• Provid</li> </ul>	<ul style="list-style-type: none"> <li>• Assess</li> </ul>

Unit		<p>care to patients with Burns</p> <ul style="list-style-type: none"> <li>• Counsel and educate patient and families</li> </ul>	<p>burns patient</p> <ul style="list-style-type: none"> <li>○ Percentage of burns</li> <li>○ Degree of burns</li> <li>• Fluid &amp; electrolyte replacement therapy</li> <li>○ Assess</li> <li>○ Calculate</li> <li>○ Replace</li> <li>○ Record intake/output</li> <li>• Care of Burn wounds</li> <li>○ Bathing</li> <li>○ Dressing</li> <li>• Perform active &amp; passive exercises</li> <li>• Practice medical &amp; surgical asepsis</li> <li>• Counsel &amp; Teach patients and families</li> <li>• Participate in rehabilitation program</li> </ul>	<p>care to 1-2 assigned patients</p> <ul style="list-style-type: none"> <li>• Nursing care plan -1</li> <li>• Observation reports of Burns unit</li> </ul>	<p>each skill with checklist</p> <ul style="list-style-type: none"> <li>• Assess performance with rating scale</li> <li>• Evaluation of care plan and observation report</li> <li>• Completion of activity record</li> </ul>
Oncology Unit	1	<ul style="list-style-type: none"> <li>• Provide care to patients with Cancer</li> <li>• Counsel and educate patient and families</li> </ul>	<ul style="list-style-type: none"> <li>• Screen for common cancers-TNM classification</li> <li>• Assist with diagnostic procedures</li> <li>○ Biopsies</li> <li>○ Pap smear</li> <li>○ Bone-marrow aspiration</li> <li>• Breast examination</li> <li>• Assist with therapeutic procedures</li> <li>• Participates in various modalities of treatment</li> <li>○ Chemotherapy</li> <li>○ Radiotherapy</li> <li>○ Pain management</li> <li>○ Stomalththerapy</li> <li>○ Hormonal therapy</li> <li>○ Immuno therapy</li> <li>○ Gene therapy</li> <li>○ Alternative therapy</li> <li>• Participating palliative care</li> <li>• Counsel and teach patients families</li> <li>○ Self Breast Examination</li> <li>○ Warning signs</li> </ul>	<ul style="list-style-type: none"> <li>• Provide care to 2-3 assigned patients</li> <li>• Nursing care plan -1</li> <li>• Observation report of cancer unit</li> </ul>	<ul style="list-style-type: none"> <li>• Assess each skill with checklist</li> <li>• Assess performance with rating scale</li> <li>• Evaluation of care plan and observation report</li> <li>• Completion of activity record</li> </ul>

			<ul style="list-style-type: none"> <li>• Participate in rehabilitation program</li> </ul>		
Critical care unit	2	<ul style="list-style-type: none"> <li>• Provide care to critically ill patients</li> <li>• Counsel patient and families for grief and bereavement</li> </ul>	<ul style="list-style-type: none"> <li>• Monitoring of patients in ICU</li> <li>• Maintain flow sheet</li> <li>• Care of patient on ventilators</li> <li>• Perform Endotracheal suction</li> <li>• Demonstrates use of ventilators, cardiac monitors etc.</li> <li>• Collect specimens and interprets ABG analysis</li> <li>• Assist with arterial puncture</li> <li>• Maintain CVP line</li> <li>• Pulse oximetry</li> <li>• CPR – ALS</li> <li>• Defibrillators</li> <li>• Pace makers</li> <li>• Bag-mask ventilation</li> <li>• Emergency tray/trolley-Crash Cart</li> <li>• Administration of drugs <ul style="list-style-type: none"> <li>○ Infusion pump</li> <li>○ Epidural</li> <li>○ Intra thecal</li> <li>○ Intracardiac</li> </ul> </li> <li>• Total parenteral therapy</li> <li>• Chest physiotherapy</li> <li>• Perform active &amp; passive exercises</li> <li>• Counsel the patient and family in dealing with grieving and bereavement</li> </ul>	<ul style="list-style-type: none"> <li>• Provide care to 1 assigned patient</li> <li>• Observation report of Critical care unit</li> <li>• Drugs book</li> </ul>	<ul style="list-style-type: none"> <li>• Assess each skill with checklist</li> <li>• Assess performance with rating scale</li> <li>• Evaluation of observation report</li> <li>• Completion of activity record</li> </ul>
Casualty/Emergency	1	<ul style="list-style-type: none"> <li>• Provide care to patients in emergency and disaster situation</li> <li>• Counsel patient</li> </ul>	<ul style="list-style-type: none"> <li>• Practice “triage”</li> <li>• Assist with assessment, examination, investigations &amp; their interpretations, in emergency &amp; disaster situations</li> <li>• Assist in documentations</li> <li>• Assist in legal procedures in</li> </ul>	<ul style="list-style-type: none"> <li>• Observation report of Emergency unit</li> </ul>	<ul style="list-style-type: none"> <li>• Assess performance with rating scale</li> <li>• Evaluation of observation</li> </ul>

		and families for grief and bereavement	emergency unit <ul style="list-style-type: none"> <li>• Participate in managing crowd</li> <li>• Counsel patient &amp; families in grief and bereavement</li> </ul>		report <ul style="list-style-type: none"> <li>• Completion of activity record</li> </ul>
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**Placement : Clinical Training**

**Time : 9 weeks**

Areas	Duration (in week)	Objective	Skills	Assessment
Medical ward	2	Provide comprehensive care to patients with medical and surgical conditions including emergencies	Integrated Practice	Assess clinical performance with rating scale
Surgical ward	2			
Critical care unit /ICCU	1	Assist with common operations		
Casualty/Emergency	2			
Operation Theatre (Eye, ENT, Neuro)				

## Scheme of University Examination for Medical Surgical Nursing

### *Theory*

There shall be one theory paper of three hours duration carrying 100 marks. Distribution of type of questions and marks for Medical Surgical Nursing shall be as given under.

#### **Distribution of Type of Questions and Marks for Medical Surgical Nursing- II,**

<b>Type of Questions</b>	<b>No. of Questions</b>	<b>Marks</b>	<b>Sub-total</b>
Long Essay (LE)	2	10	20
Short Essay (SE)	10	5	50
Short Answer (SA)	10	3	30
Total Marks			100

### **Practical and Viva Voce**

	Internal Assessment	University Examination	Total
Medical - Surgical Nursing- II	50	50	100

**Note:** All practical examinations must be held in the respective clinical areas. One internal and one external examiner should jointly conduct practical /clinical examination for each student.