

MEDICAL SURGICAL NURSING- II

Placement- SECOND YEAR

Time- 120 hours

Course Description:-

This course shall help students understand the concept of disease and disease process, Students shall be able to gain knowledge and develop understanding of various medical surgical specialty disorders and disease. They shall be able to give comprehensive nursing care to patient with these diseases.

General Objective:-

Upon completion of this course, the students shall able to:

1. Describe the cause, symptoms, signs, treatment and prevention of diseases classified under medical Surgical Specialties.
2. Demonstrate skill in carrying out nursing technique and procedures with the applicant of scientific principles.
3. Prepare nursing care plan using nursing process and apply it in provide care to patient with these diseases.

Total Hours - 120

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
I	Describe the management of patients with oncology	Oncology Nursing: a) Nursing management of patients with oncological conditions <ul style="list-style-type: none"> - Structure & characteristics of normal & cancer cells - Nursing Assessment-History and Physical assessment - Prevention, Screening, Early detection, Warning signs of cancer - Epidemiology, Etiology, Classification, Pathophysiology, staging, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of oncological conditions - Common malignancies of various body systems: Oral, larynx, lung, stomach and Colon, Liver, Leukemias and lymphomas, Breast, Cervix, Ovary, uterus, Sarcoma, Brain, Renal, Bladder, Prostate etc b) Oncological emergencies c) Modalities of treatment <ul style="list-style-type: none"> - Immunotherapy 	15	Lecture cum discussion Explain using charts, graphs models, films, and slides Case discussion Seminar	Short answers Objective type Essay type

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
		<ul style="list-style-type: none"> - Radiotherapy - Surgical Interventions - Stem cell and Bonemarrow transplants - Gene therapy - Other forms of treatment d) Psychosocial aspects of cancer e) Rehabilitation f) Palliative care: symptom and pain management, Nutritional support g) Home care h) Hospice care i) Stomal Therapy j) Special therapies k) Psycho social aspects l) Nursing procedures m) Alternate therapies n) Drugs used in treatment of oncological disorders		Drug book Lecture cum discussion Topic presentation Posting to cancer Hospital/unit Structured discussion Seminar	Assessment of skills with check list
II	Describe the disorders of breast and breast cancer. Demonstrate skill in giving nursing care to patients with breast disorders	Nursing Management of patients with disorders of Breast a) Assessment of breast <ul style="list-style-type: none"> - History - Physical examination - Diagnostic tests - Breast self examination b) Disorders of breast <ul style="list-style-type: none"> - Mastitis - Breast abscess - Gynaecomastia - Tumors and Malignancy of breast c) Nursing management of a patient after mastectomy.	5	Lecture cum discussion Models and exhibits	Short answer Objective type Essay
III	Describe the various diseases and disorders of integumentary system and their management. Demonstrate skill in providing care to the clients with disorders of integumentary system	Nursing Management of patient with diseases and disorders of integumentary system a) Nursing Assessment <ul style="list-style-type: none"> - History - Physical assessment b) Etiology c) Pathophysiology d) Clinical manifestations e) Nursing management of disorders of skin and its appendages <ul style="list-style-type: none"> - Lesions and abrasions - Infection and infestations Dermatitis - Dermatoses; infectious and Non infectious - Inflammatory dermatoses - Acne Vulgaris 	5	Lecture cum discussion Explain using Charts, graphs models, films, slides	Essay type Short answers Object type Assessment of skills with check list

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
		<ul style="list-style-type: none"> - Allergies and Eczema - Psoriasis - Malignant Melanoma - Alopecia - Infestations - Bacterial infections - Pyoderma - Impetigo - Folliculitis - Furuncles - Carbuncles - Viral infections - Herpes zoster - Herpes simplex - Fungal infection - Athlete's foot (Tanta Pedi's) - Parasitic infestation - Pediculosis - Scabies - Pemphigus - Stevens - Johnson syndrome - Skin cancer - Special dermatological therapies <p>f) Burn and its management</p> <ul style="list-style-type: none"> - Burns Plastic Surgery - Incidence, causes of burns - Types & classification of burns - Pathophysiology - Calculation of the percentage - Local & systematic effects of burns - Immediate care - First aid care - Medical Management, barrier nursing care of the burns - Complications, Health education <p>g) Plastic Surgery</p> <ul style="list-style-type: none"> - Define plastic & reconstructive surgery - Types - Define skin graft flaps - Possible complication - Preparation of patient for constructive surgery - Post operative care - Health Education <p>h) Alternate therapies</p> <p>i) Drugs used in treatment of integumentary disorders</p>			

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
IV	Describe the disorder and diseases of eye Demonstrate skill in giving care for patients with various eye diseases and disorders.	Ophthalmology And Ophthalmic Nursing a) Review of anatomy and physiology of eye b) Assessment of function of eyes. <ul style="list-style-type: none"> - History - Physical exam - Diagnostic tests-tonometry, Snellen's chart c) Infections and Inflammations conditions <ul style="list-style-type: none"> - Blepharitis - Sty - Chalazion - Entropion - Ectopion - Dacrocystitis - Conjunctivitis - Trachoma - Pterygium - Keratitis - Corneal ulcer d) Degenerative Conditions <ul style="list-style-type: none"> - Cataract - Retinopathy - Retinal detachment e) Miscellaneous <ul style="list-style-type: none"> - Strabismus - Refractive errors - Tumors - Color blindness - Night Blindness - Total blindness f) Preventive and Rehabilitative aspects g) National programs on Blindness and trachoma h) Current trends in Management of Ophthalmic conditions <ul style="list-style-type: none"> - Hospital corneal retrieval - Grief counseling. - Eye Collection - Counselling - Obtaining consent for eye donation i) Eye banking in India j) Ocular Emergencies <ul style="list-style-type: none"> - Glaucoma - Foreign body - Acid / Alkali burns - Trauma to the eye k) Eye Immigration l) Instillation of eye drops and ointment m) Cold and hot compress n) Eye dressing and bandage o) Assisting for sac syringing p) Assisting for removal of foreign body q) Alternate therapies r) Drugs used in treatment of eye disorders	10	Lecture cum discussion Visit school for the blind Visit to eye bank Visit National Association for the blind Eye bank Demonstration	Short answer Objective type Essay Return demonstration

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
V	<p>Describe disorders and diseases of ear, nose and throat.</p> <p>Demonstrate skills in Providing nursing care for patients with various ENT problems.</p>	<p>Nursing Management of Patient with Disorders and Diseases of Ear, Nose and Throat</p> <p>Ear</p> <p>a) Review of Anatomy and physiology of Ear</p> <p>b) Assessment of function of ear</p> <ul style="list-style-type: none"> - History - Ear examination - Diagnostic tests <p>c) Diseases and disorders of the ear</p> <p><i>External ear</i></p> <ul style="list-style-type: none"> - Otitis - Foreign body - Impacted cerement - Furunculosis <p><i>Middle ear</i></p> <ul style="list-style-type: none"> - Otitis media - Mastoiditis - Perforation of ear drum <p><i>Internal ear</i></p> <ul style="list-style-type: none"> - Presycusis - Labryinthitis - Meniere's disease - Otosclerosis <p><i>Deafness</i></p> <ul style="list-style-type: none"> - Conductive deafness - Neural deafness <p><i>Tumors of the ear and auditory nerve</i></p> <p><i>Insufflations of Eustachian tube</i></p> <p>Nose</p> <p>a) Review of Anatomy and physiology of nose</p> <p>b) Assessment of functions of nose</p> <ul style="list-style-type: none"> - History - Examination of nose - Diagnostic tests <p>c) Diseases and disorders of nose</p> <p><i>Infections</i></p> <ul style="list-style-type: none"> - Rhinitis - Sinusitis - Obstruction - Polyps <p><i>Foreign body</i></p> <p><i>Deviated nasal septum</i></p> <p><i>Trauma – fracture of nasal bone and epitaxies</i></p> <p>Throat</p> <p>a) Review of Anatomy and physiology of Throat</p>	15	<p>Lecture cum discussion</p> <p>Clinical teaching</p> <p>Demonstration</p> <p>Videos, charts</p>	<p>Short answer</p> <p>Objective type</p> <p>Essay</p> <p>Return demonstration</p>

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
		b) Assessment of the function of throat <ul style="list-style-type: none"> - History - Examination of throat - Diagnostic tests c) Diseases and disorders of throat infections and inflammation <ul style="list-style-type: none"> - Tonsillitis - Pharyngitis - Adenoiditis - Laryngitis - Tumors - Injury and foreign body - Alternate therapies - Drugs used in treatment of ENT disorders 			
VI	Describe cardiovascular circulatory and Hematological disorders and diseases. Demonstrates skill in carrying nursing interventions for clients with circulatory and hematological disorders and diseases.	Nursing Management of Patient with cardio vascular, circulatory and Hematological disorders Cardio Vascular a) Review of anatomy and physiology of heart and circulatory system b) Assessment of functions of heart and vascular system <ul style="list-style-type: none"> - History - Physical exam - Diagnostic tests c) Diseases and disorders of cardio vascular system <ul style="list-style-type: none"> - Coronary Artery disease <ul style="list-style-type: none"> • Angina pectoris • Coronary atherosclerosis • Myocardial infarction - Valvular heart disease <ul style="list-style-type: none"> • Mitral stenosis • Aortic stenosis, • Incompetence, regurgitation • Tricuspid stenosis • Pulmonary stenosis - Inflammation and infections <ul style="list-style-type: none"> • Pericarditis, Myocarditis, Endocarditis • Rheumatic fever - Heart block - Complication of heart disease <ul style="list-style-type: none"> • Acute Heart failure (Pulmonary Edema) • Chronic (Congestive Cardiac failure) • Cardiogenic shock 			

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
		<ul style="list-style-type: none"> • Pericardial effusion, cardiac tamponade - Cardiac emergencies <ul style="list-style-type: none"> • Cardiac arrest • Shock - Vascular disorders <ul style="list-style-type: none"> • Arterial disorders • Berger's disease (TAO), • Arterial ulcers, • Arteriosclerosis, • Aneurysm, • Thrombosis and emboli, • Raynaud's disease • Hypertension - Venous disorder <ul style="list-style-type: none"> • Deep Vein Thrombosis (DVT) • Venous insufficiency • Venous ulcer • Varicose vein • Cellulitis • Lymphatic disorders • Lymphangitis & Lymphadenitis • Lymphedema & elephantiasis <p>Hematological disorders</p> <p>a) Review of function and structure of blood components</p> <ul style="list-style-type: none"> - Assessment - History - Physical examination - Diagnostic tests <p>b) Diseases and disorders of blood and its components</p> <ul style="list-style-type: none"> - Anemia - Thalassemia - Polycythemia - Leukopenia and neutropenia - Leukocytosis & leukemia - Lymphomas Hodgkin & Non Hodgkin diseases, Multiple myeloma - Bleeding disorders - Thrombocytopenia, - Purpura, hemophilia - Acquired coagulation - Disorders – Liver disease, Vitamin K deficiency, DIC <p>c) Alternate therapies</p> <p>d) Drugs used in treatment of cardiovascular circulatory and hematology disorders</p>	28	Lecture cum discussion Demonstration Clinical teaching Videos, Simulation	Short answer Objective type Essay type Return demonstration

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
VII	<p>Describe the nursing management of patients with communicable diseases.</p> <p>Demonstrate skill in providing interventions for patients with communicable diseases the nurse's role in various national control/ Eradication Programme of communicable diseases.</p>	<p>Nursing Management of Patients with communicable diseases</p> <p>a) Assessment</p> <ul style="list-style-type: none"> - History - Physical examination - Diagnostic tests <p>b) Review of infection, mode of transmission, its prevention and control</p> <p>c) Preparation, care and administration of anti sera and vaccines Isolation,</p> <p>d) Management of various infection diseases <i>caused by Virus;</i></p> <ul style="list-style-type: none"> - Measles - Chicken pox - Swine flu - Ebola - Dengue - Chicken guinea - Influenza - Mumps - Encephalitis - Infective hepatitis - Poliomyelitis - Rabies - AIDS <p><i>Caused by Bacteria;</i></p> <ul style="list-style-type: none"> - Diphtheria - Whooping cough - Tetanus - Typhoid - Dysentery - Gastroenteritis - Cholera - Meningococcal Meningitis - Tuberculosis - Plague - Leptospirosis <p><i>Vector borne diseases;</i></p> <ul style="list-style-type: none"> - Malaria - Filariasis - Yellow fever - Dengue - Any other prevailing diseases <p>e) Alternate therapies</p> <p>f) Drugs used in treatment of communicable disorders</p>	10	<p>Lecture cum discussion</p> <p>Role play</p> <p>Participate in immunization campaign</p>	<p>Short answer</p> <p>Objective type</p> <p>Essay type</p> <p>Assesment with clinical checklist</p>

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
VIII	Describe various sexually transmitted diseases. Demonstrates skills in syndromic management of sexually transmitted diseases.	Nursing Management of Patients with Sexually Transmitted diseases a) Assessment - History - Physical examination - Diagnostic tests b) Sex health and hygiene c) Syndromic Management of sexually transmitted disease - Gonorrhea - Syphilis - Granuloma Venerium - Chancroid granuloma - AIDS - Genital herpes	05	Lecture cum discussion Video	Short answer Objective type Essay type
IX	Describe various musculo skeletal disorders and diseases. Demonstrate skills in management of musculo skeletal diseases.	Nursing Management of Patients with musculo skeletal disorders and diseases a) Review of Anatomy and Physiology of musculo skeletal system b) Assessment - History - Physical examination - Diagnostic tests c) Infections and inflammations - Septic arthritis - Gonococcal arthritis - Osteomyelitis - Tuberculosis of the spine and bones - Sprains - Dislocations - Fracture of spine and extremities d) Degenerative conditions of joints, spine e) Tumors, Amputation and prosthesis f) Deformities - Congenital and acquired g) Range of motion exercises h) Care of patient: - Skin and skeletal traction - Orthopedic splints i) POP application and removal j) Neurogenic bladder k) Preparation for bone surgery l) Use of orthopedic assist devices - Crutches - Canes - Walker m) Alternate therapies n) Drugs used in treatment of musculo-skeletal disorders disorders	10	Lecture cum discussion Clinical teaching Demonstration	Short answer Objective type Essay type

Unit No.	Learning Objectives	Content	Hr.	Method of Teaching	Assessment methods
X	Describe the role of nurse in medical surgical emergencies Demonstrate skill in meeting medical surgical emergencies.	Emergency Management a) Scope and practice of emergency nursing <ul style="list-style-type: none"> - Principles of emergency care - Triage b) Medical Surgical Emergencies c) Airways obstruction <ul style="list-style-type: none"> - Hemorrhage - Shock, Anaphylactic reaction, Allergies - Trauma – intra abdominal, crush injuries, multiple injuries fractures - Poisoning - Ingested poisoning - Inhaled poisoning - Food poisoning - Injected poisons – Stinging insects - Snake bites - Chemical burns - Environmental emergencies: - Heat stroke - Frost bite. - Near drowning - Hanging 	10	Lecture cum discussion Demonstration Preparing emergency trolley - Demonstration of CPR - Defibrillation Videos & Films Simulation Roleplay	Short answer Objective type Essay type Return demonstration
XI	Identify the role of nurses in emergency and disasters. Demonstrate beginning skill in managing the Emergencies and disasters.	Emergency and Disaster Nursing a) Natural calamities <ul style="list-style-type: none"> - Flood - Earthquake - Volcanic eruptions b) Man-made disaster <ul style="list-style-type: none"> - Explosion - War - Fire - Accidents c) Emergency preparedness d) Community resources available to meet calamities e) Nurses role in disaster management	05	Lecture cum discussion Role play Mock drill INC: Disaster management module: Reaching out: nursing care	Short answer Objective type Essay type

MEDICAL SURGICAL NURSING- PRACTICAL

Placement- SECOND YEAR

Time: 800 hours (20 weeks)

General objectives:

Students are able to apply nursing process and provide comprehensive nursing care to the clients with various medical and surgical conditions

Specific objectives; students are able to;

1. Comprehend the causes, signs and symptoms, treatment and prevention of various medical, surgical conditions.
2. Apply the theoretical knowledge to appropriate clinical nursing practice.
3. Identify the problems and needs, prioritize them and provide comprehensive nursing care by applying nursing process
4. Demonstrate skills in carrying out nursing techniques, procedures in keeping with scientific principles.
5. Demonstrate skills in respective clinical specialty.
6. Interpret and carry out the pharmacological intervention,
7. Identify the deviation from normal in the diagnostic value.
8. Plan and participate in rehabilitation of patient and family.

Area	Duration	Objectives	Skills	Assignment	Assessment methods
General medical wards (resp.,GI, Endo., hemato, neuro, renal)	3 wks	<ul style="list-style-type: none"> • Provide nursing care to adult patients with medical disorders 	<ul style="list-style-type: none"> - Assessment of patient <ul style="list-style-type: none"> • Take history • Perform general & specific physical examination • Identify alterations and deviations - Practice medical-surgical asepsis-standard safety measures. - Administer medications <ul style="list-style-type: none"> • Oral • Sub-lingual • Intra-dermal • Subcutaneous • Intramuscular • Intravenous - Intravenous therapy <ul style="list-style-type: none"> • IV canulation • Maintenance & monitoring - Oxygen therapy-mask, prongs & tent 	Plan & implement care for assigned patients <ul style="list-style-type: none"> • Nursing care plan 1 • Nursing case study-1 or presentation-1 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with check list

Area	Duration	Objectives	Skills	Assignment	Assessment methods
		<ul style="list-style-type: none"> • Counsel and educate patients and family 	<ul style="list-style-type: none"> - Nebulization - Chest physiotherapy - Naso-gastric feeding - Assist in common diagnostic procedures - Perform/assist in therapeutic procedures - Transfusion of Blood & its components - Throat suctioning - ET suctioning - Collect specimens for common investigations - Maintain elimination • Catheterization - Educate & counsel patient & family regarding specific disease conditions. 	<ul style="list-style-type: none"> • Drug study presentation-1 • Maintain drug book • Maintain practical record book 	<ul style="list-style-type: none"> • Evaluation of case study presentation • Completion of practical record
General surgical wards (GI and Urinary)	3 weeks	<ul style="list-style-type: none"> • Provide pre & post-operative nursing care to adult patients with surgical disorders • Educate & counsel patients and families 	<ul style="list-style-type: none"> - Practice medical-surgical asepsis-standard safety. - Pre-operative preparation of patient - Post-operative care • Receiving • Assessment • Monitoring - Care of wounds and drainage - Suture removal - Ambulation & exercises - Naso-gastric aspiration - Care of chest drainage - Ostomy care • Gastrostomy • Enterostomy • Colostomy - Transfusion of Blood & its components - practice universal precautions 	Plan & implement care for assigned patients <ul style="list-style-type: none"> • Nursing care plan 1 • Nursing case study-1 or presentation-1 • Drug study presentation-1 • Maintain drug book • Maintain practical record book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with check list • Evaluation of case study presentation • Completion of practical record
Operation theater	3 weeks	<ul style="list-style-type: none"> • Identify instruments used in different operations 	Perform scrubbing, gowning, gloving <ul style="list-style-type: none"> - Identify instruments, suturing materials for common operations. Disinfection, carbolization sterilization & fumigation	<ul style="list-style-type: none"> - Assist as a scrub nurse for 5 major and 5 minor cases. 	Assess skill with check list

Area	Duration	Objectives	Skills	Assignment	Assessment methods
		<ul style="list-style-type: none"> • Set-up the table/ trolleys for common operative procedures • Assist in the operative procedures • Provide peri-operative nursing care 	<ul style="list-style-type: none"> - Prepare the OT table depending upon the operation - Positioning and monitoring of patient - Assisting with minor & major operations - Handling specimens - Segregation and disposal of biomedical waste as per guidelines 		
ICU	1 week	<ul style="list-style-type: none"> • Gain proficiency in ICU nursing • Identify potential problem and provide care accordingly • Record findings and medications accurately • Develop good IPR with patient & family. 	<ul style="list-style-type: none"> - Connect and monitor ECG & pulse oxymetry - Assist in endo-tracheal intubation - Suctioning -provide care for a patient on ventilator - Handling emergency drug trolley / crash cart. - Assisting in insertion of central line and monitoring Central venous pressure. 	<ul style="list-style-type: none"> - ET suctioning - O2 administration 	Assess skill with check list
Geriatric nursing – medical / surgical / special ward	1 week	<ul style="list-style-type: none"> • Identify specific problems related to the elderly • Assist in the activities of daily living • Provide comprehensive nursing care 	<ul style="list-style-type: none"> - Assessment of the geriatric - Identify the health problems among the elderly (psychological, social and spiritual needs of the elderly) and provide specific care - Health promotion of the elderly 	Health teaching - 1	Assess skill with check list
Oncology Unit	1 week	<ul style="list-style-type: none"> • Provide care for patients with cancer. 	<ul style="list-style-type: none"> - Screen for common cancers –Tumor Node Metastasis (TNM) classification. - Assist with diagnostic procedures. <ul style="list-style-type: none"> • Biopsies. • Pap smear 	<ul style="list-style-type: none"> • Provide care to assigned patients. 	<ul style="list-style-type: none"> • Assess each Skill with checklist. • Assess performance with rating scale.

Area	Duration	Objectives	Skills	Assignment	Assessment methods
		<ul style="list-style-type: none"> • Counsel and educate patient and families. 	<ul style="list-style-type: none"> • Bone-marrow aspiration. - Assist with therapeutic procedures. - Observe various modalities of treatment. • Chemotherapy • Radiotherapy • Pain management • Stoma care • Hormonal therapy • Immunotherapy • Gene therapy • Alternative therapy - Participate in palliative care. - Counsel and teach patients families. 	<ul style="list-style-type: none"> • Observation report of cancer unit 	<ul style="list-style-type: none"> • Evaluation of care plan and observation report. • Completion of activity record.
Dermatology and burns	1 week	<ul style="list-style-type: none"> • Provide care to patients with dermatology disorder and Burn. • Counsel and educate patient and families. 	<ul style="list-style-type: none"> - Assessment of the burn patient. • Percentage of burns. • Degree of burns. • Dressing - Fluid & electrolyte replacement therapy • Assess • Calculate • Replace • Record • Intake/output - Assessment and care of patients with dermatological disorders. - Administer topical medications • Give medicated Baths - Perform active & passive exercises. - Practice medical & surgical asepsis. - Counsel & Teach patients and families 	<ul style="list-style-type: none"> • Provide care to assigned patients. • Health talk - 1 	<ul style="list-style-type: none"> • Assess each skill with checklist. • Assess performance with rating scale.
Ophthalmology	1 week	<ul style="list-style-type: none"> • Provide care to patients with Eye disorders. • Counsel and educate patient and families. 	<ul style="list-style-type: none"> - Perform examination of eye. - Assist with diagnostic procedures. - Assist with therapeutic procedures. - Perform/assist with irrigations. - Apply eye bandage. 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients assessment using snellen's chart 	<ul style="list-style-type: none"> • Assess each skill with checklist Assess performance with rating scale.

Area	Duration	Objectives	Skills	Assignment	Assessment methods
			<ul style="list-style-type: none"> - Apply eye drops/ointments. - Teach patients and families. 	<ul style="list-style-type: none"> • Observation reports of OPD & Eye bank. • Assist in organizing eye camp 	<ul style="list-style-type: none"> • Evaluation of observation report of OPD/Eye bank.
ENT	1 week	<ul style="list-style-type: none"> • Provide care to patients with ENT disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> - Perform examination of ear, nose and throat. - Assist with therapeutic procedures. - Instillation of drops. - Perform/assist with irrigations. - Apply ear bandage. - Perform tracheostomy care. - Health education to patients and families. 	<ul style="list-style-type: none"> • Provide care to assigned patients. 	<ul style="list-style-type: none"> • Assess each Skill with checklist.
Cardiology ward / ICCU / cardiothoracic and vascular unit	2 weeks	<ul style="list-style-type: none"> • Provide care of patients with cardiac and vascular disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> - Perform cardio vascular assessment - Recording ECG and identify basic changes in ECG - Monitoring of patients in on cardiac monitor - Preparing and assisting of frequently performed diagnostic and therapeutic, non –invasive and invasive procedures - Administer cardiac drugs - Advanced / Basic Cardiac Life Support (ACLS/BLS) - Monitoring and caring for patients with chest drainage - Assist in defibrillation - Monitoring of patients in ICU. - Maintain flow sheet. - Perform Endotracheal suction. - Demonstrates use of ventilators, cardiac monitors etc. - Physical examination - Collect specimens and interprets ABG analysis. 	<ul style="list-style-type: none"> • Plan and give care to patients • Health talk – 1 • Case presentation – 1 	<ul style="list-style-type: none"> Assessment of performance with rating scale

Area	Duration	Objectives	Skills	Assignment	Assessment methods
			<ul style="list-style-type: none"> - Assist with arterial puncture. - Maintain CVP line. - Pulse oximetry. - CPR – ALS - Defibrillators. - Bag- mask ventilation. - Emergency tray/trolley – Crash Cart. - Administration of drugs <ul style="list-style-type: none"> • Infusion pump. • Epidural. • Intra thecal • Intracardiac - Total parenteral therapy - Chest physiotherapy. - Perform active & passive exercises 	<ul style="list-style-type: none"> • Drug presentation - 1 	<ul style="list-style-type: none"> • Evaluation of health talk, case presentation and drug presentation.
Orthopedic ward	1 week	<ul style="list-style-type: none"> • Provide nursing care to patients with musculo skeletal disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> - Assessment of orthopedic patients - Assist in the application of plaster cast and removal of cast - Assist in applying skin traction, bucks extension traction - Assist in application and removal of prosthesis - Physiotherapy - Crutch maneuvering technique - Ambulation 	<ul style="list-style-type: none"> • Plan and give care to assigned patients • Nursing care plan – 1 • Health talk – 1 	<ul style="list-style-type: none"> • Assessment of performance with rating scale • Evaluation of health talk, case presentation and drug presentation
Communi-cable diseases ward / isolation ward	1 week	<ul style="list-style-type: none"> • Provide nursing care for patients with communi-cable diseases 	<ul style="list-style-type: none"> - Assessment of patients with communicable diseases - Use of personal protective equipment (PPE) and barrier nursing - Health teaching for prevention of infectious diseases - Counseling of HIV/ AIDS patients - Counseling of family members 	<ul style="list-style-type: none"> • Give care for assigned patients • Health talk – 1 • Care plan – 1 	<ul style="list-style-type: none"> • Assessment of performance with rating scale • Evaluation of health talk, case presentation and drug presentation

Area	Duration	Objectives	Skills	Assignment	Assessment methods
Emergency ward / casualty	1 week	<ul style="list-style-type: none"> • Provide care to patients in emergency and disaster situation. • Counsel patient and relatives for grief and bereave-ment 	<ul style="list-style-type: none"> - Practice ‘triage’. - Assist with assessment, examination, investigation & their interpretation, in emergency and disaster situations. - Provide first aid - ACLS / BLS - Assist in legal documentations and procedures in emergency unit. - Counsel patient and families grief and bereavement. 	<ul style="list-style-type: none"> • Practice ‘triage’. 	<ul style="list-style-type: none"> • Assess Performance with rating scale.