

Medical Surgical Nursing

(Adult including Geriatrics) – I

Placement : Second Year

Time : Theory – 210 hours

Practical – 720 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 Activities
I	15	<ul style="list-style-type: none"> • Appreciate the trends in medical and surgical nursing • Describe the role of nurse in caring for adult patient in hospital and community • Describe the concepts of medical surgical asepsis 	<p>Introduction :</p> <ul style="list-style-type: none"> • Introduction to medical surgical nursing – Evolution and trends of medical and surgical nursing • Review of Concepts of Health and illness Disease - concepts, causations, classification diseases (ICD -10 or later version), Acute illness Chronic illness & Terminal illness, stages of illness • Review of concepts of comprehensive nursing care in medical surgical conditions based on nursing process • Role of nurse, patient and family in care of adult patient • Role and responsibilities of a nurse in medical surgical settings : <ul style="list-style-type: none"> <input type="checkbox"/> Outpatient department <input type="checkbox"/> In-patient unit <input type="checkbox"/> Intensive care unit <input type="checkbox"/> Home and Community settings • Introduction to Medical Surgical asepsis <ul style="list-style-type: none"> <input type="checkbox"/> Inflammation & Infection <input type="checkbox"/> Immunity <input type="checkbox"/> Wound healing • Care of Surgical Patient <ul style="list-style-type: none"> <input type="checkbox"/> Pre-operative <input type="checkbox"/> Intra operative <input type="checkbox"/> Post operative <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Demonstration • Practice session • Supervised clinical practice
II	15	<ul style="list-style-type: none"> • Describe the common signs, symptoms, problems and 	<p>Common signs and symptoms and management</p> <ul style="list-style-type: none"> • Fluid and electrolyte imbalance • Vomiting • Dyspnea and cough, respiratory obstruction

		<p>their</p> <ul style="list-style-type: none"> • Specific nursing interventions 	<ul style="list-style-type: none"> • Fever • Shock • Unconsciousness, Syncope • Pain • Incontinence • Edema • Age related problems – geriatric <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Seminar • Case discussion
III	20	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory systems 	<p>Nursing management of patients (adults including elderly) with respiratory problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of respiratory system, • Nursing Assessment –History and Physical assessment • Etiology, Pathophysiology clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of adults including elderly with – <ul style="list-style-type: none"> <input type="checkbox"/> Upper Respiratory tract infections <input type="checkbox"/> Bronchitis <input type="checkbox"/> Asthma <input type="checkbox"/> Emphysema <input type="checkbox"/> Empyema <input type="checkbox"/> Atelectasis <input type="checkbox"/> Chronic Obstructive Pulmonary Diseases (COPD) <input type="checkbox"/> Bronchiectasis <input type="checkbox"/> Pneumonia <input type="checkbox"/> Pulmonary tuberculosis <input type="checkbox"/> Lung abscess <input type="checkbox"/> Pleural effusion <input type="checkbox"/> Cysts and Tumours <input type="checkbox"/> Chest injuries <input type="checkbox"/> Respiratory arrest and insufficiency <input type="checkbox"/> Pulmonary embolism <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of respiratory disorders</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice

			<ul style="list-style-type: none"> • Drug book/ presentation
IV	30	<ul style="list-style-type: none"> • Describe the etiology, patho-physiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems 	<p>Nursing management of patient (adults including elderly) with disorders of digestive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of digestive system • Nursing Assessment –History and physical assessment • Etiology, Pathophysiology clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management • Disorders of <ul style="list-style-type: none"> □ Oral cavity – lips, gums, tongue, salivary glands and teeth □ Oesophagus-inflammation stricture, obstruction, bleeding and tumours □ Stomach and deudenum-hiatus hernia, gastritis, peptic and deudenal ulcer, bleeding, tumours, pyloric stenosis □ Small intestinal disorders- inflammation & infection, entritis, malabsorption, obstruction, tumour and perforation □ Large intestinal disorders-Colitis, inflammation and infection, obstruction and tumour and lump □ Hernias □ Appendix – inflammation, mass, abscess, rupture □ Anal & Rectum ; hemorrhoides, fissures, Fistulas □ Peritonitis/acute abdomen □ Pancreas; inflammation, cyst, abscess and tumours □ Liver; inflammation, cyst, abscess, cirrhosis, portal hypertension, hepatic failure, tumours □ Gall Bladder; inflammation, obstruction, stones and tumours <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of digestive system</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Assess-ment of skills with check list • Assess-ment of patient manage-ment problem
V	30	<ul style="list-style-type: none"> • Describe the etiology, patho- 	<p>Nursing management of patient (adults including elderly) with blood and cardio vascular problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of blood and cardio

		<p>physiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with blood and cardio vascular problems</p> <ul style="list-style-type: none"> • Describe the vascular conditions and its nursing management 	<p>vascular system,</p> <ul style="list-style-type: none"> • Nursing Assessment –History and Physical assessment • Etiology, Pathophysiology clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – • Vascular system <ul style="list-style-type: none"> □ Hypertension, Hypotension □ Artherosclerosis □ Raynaud’s disease □ Aneurism and Perpherial vascular disorders <p>Heart</p> <ul style="list-style-type: none"> • Coronary artery diseases <ul style="list-style-type: none"> □ Ischemic Heart Disease □ Cornory atherosclerosis □ Angina pectoris □ Myocardial infarction • Valvular disorders of the heart <ul style="list-style-type: none"> □ Congential and acquired □ Rheumatic Heart diseases • Endocarditis, Pericarditis Myocarditis • Cardio Myopathies • Cardiac dysrhythmias, Heart Block • Congestive cardiac failure <ul style="list-style-type: none"> □ Cor-pulmonale, pulmonary edema, cardiogenic shock, cardiac tamponade • Cardiac emergencies and arrest • Cardio Pulmonary Resuscitation (CPR) • Blood <ul style="list-style-type: none"> □ Anaemias □ Polycythemia □ Bleeding disorders; clotting factor defects and platelets defects □ Thalassemia □ Leukaemias □ Leukopenias and agranulocytosis □ Lymphomas □ Myelomas • Special therapies <ul style="list-style-type: none"> □ Blood transfusion, safety checks, procedure and requirements,management of adverse transfusion reaction, records for blood transfusion. □ Management & counsel-ling of blood donors, phlebotomy procedure, & post donation management Blood bank functioning & hospital transfusion committee. Bio-safety and waste management in relation to blood transfusion □ Role of a nurse in Organ donation, retrieval and banking <p>Alternative therapies Nursing procedures Drugs used in treatment of blood and cardio vascular</p>
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			<p>disorders</p> <p>Teaching learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Visit to blood bank • Participation in blood donation camps • Counselling • Assess-ment of skills with check list • Assess-ment of patient manage-ment problem
VI	10	<ul style="list-style-type: none"> • Describe the etiology, patho-physiologyClinical manifestations, diagnostic measures and mana-gement of patients (adults including elderly) with disorders of genito-urinary system 	<p>Nursing management of patient (adults including elderly) with genito-urinary problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of genito-urinary system • Nursing Assessment –History and Physical assessment • Etiology, Pathophysiology clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics and nursing management of – • Nephritis • Nephrotic syndrome • Nephrosis • Renal calculus • Tumours • Acute renal failure • Chronic renal failure • End stage renal disease • Dialysis, renal transport • Congenital disorders, urinary infections • Benign prostate hypertrophy • Disorders of ureter, urinary bladder and urethera-inflammation, infection, stricture.obstruction, tumour, prostrate Special therapies, alternative therapies <p>Nursing procedures Drugs used in treatment of genito-urinary disorders</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session

			<ul style="list-style-type: none"> • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation
VII	5	<ul style="list-style-type: none"> • Describe the etiology, patho-physiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive system 	<p>Nursing management of disorders of male (adults including elderly) reproductive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of male reproductive system • Nursing Assessment -History and physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of disorders of male reproductive system • Congenital malformations; cryptorchidism • Hypospadiasis, Epispadiasis • Infections • Testis and adjacent structures • Penis • Prostate: inflammation, infection, hypertrophy, tumour • Sexual Dysfunction • Infertility • Contraception • Breast ; gynecomastia, tumour • Climacteric changes <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of male reproductive system</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation
VIII	10	<ul style="list-style-type: none"> • Describe the etiology, patho-physiology clinical manifestations, diagnostic 	<p>Nursing management of patient (adults including elderly) with disorders of endocrine system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology endocrine system • Nursing Assessment -History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – <p>☐ Disorders of Thyroid and Parathyroid</p>

		<p>measures and management of patients (adults including elderly) with disorders of endocrine system</p>	<ul style="list-style-type: none"> □ Diabetes mellitus □ Diabetes insipidus □ Adrenal tumour □ Pituitary disorders <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of endocrine system</p> <p>Teaching learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Assessment of skills with check list <p>Assessment of patient management problem</p>
IX	10	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of skin 	<p>Nursing management of patient (adults including elderly) with disorders of Integumentary system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of Skin and its appendages • Nursing Assessment -History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & 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 □ Allergies and Eczema □ Psoriasis □ Malignant melanoma □ Alopecia <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of Integumentary system</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session

			<ul style="list-style-type: none"> • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Assess-ment of skills with check list <p>Assess-ment of patient manage-ment problem</p>
X	15	<ul style="list-style-type: none"> • Describe the etiology, patho-physiology clinical manifesta-tions, diagnostic measures and mana-gement of patients (adults including elderly) with disorders of musculo – skeletal system 	<p>Nursing management of patient (adults including elderly) with musculo-skeletal problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of musculo-skeletal system • Nursing Assessment -History and Physical assessment • Etiology,Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – • Disorders of : <ul style="list-style-type: none"> □ Muscles, Ligaments and Joints- inflammation, infection, trauma □ Bones –inflammation, infection, dislocation, fracture, tumour and trauma □ Osteomalacia and osteoporosis □ Arthritis □ Congenital deformities □ Spinal column – defects & deformities, Tumor, Prolapsed inter vertebral disc, pott’s spine □ Paget’s disease • Amputation • Prosthesis • Transplant & replacement surgeries • Rehabilitation <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of musculoskeletal system</p> <p>Teaching learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Assess-ment of skills with check List • Assess-ment of patient manage-ment problem
XI	10	<ul style="list-style-type: none"> • Describe the etiology, 	<p>Nursing management of patient (adults including elderly) with Immunological problems</p>

		<p>patho-physiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculo – skeletal system</p>	<ul style="list-style-type: none"> • Review of Immune system • Nursing Assessment -History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – • Immunodeficiency disorder • Primary immuno deficiency • Phagocytic dysfunction • B-cell and T-cell deficiencies • Secondary immuno-deficiencies • Acquired immunodeficiency syndrome (AIDS) • Incidence of HIV & AIDS • Epidemiology • Transmission - Prevention of Transmission • Standard Safety precautions • Role of Nurse; Counseling • Health education and home care consideration • National AIDS Control Program- NACO, various national and international agencies • Infection control program • Rehabilitation <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of immunological system</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Orientation visit to Hospital Control system • Assess-ment of skills with check list • Assess-ment of patient management problem
XII	20	<ul style="list-style-type: none"> • Describe the etiology, patho-physiology clinical manifestations, diagnostic measures and 	<p>Nursing management of patient (adults including elderly) with Communicable Diseases</p> <ul style="list-style-type: none"> • Overview of infectious disease, the infectious process • Nursing Assessment -History and Physical assessment • Epidemiology, infectious process, clinical manifestations, diagnosis, treatment, prevention and dietetics. Control and eradication of common Communicable Diseases- <p>□ Tuberculosis</p>

		<p>management of patients (adults including elderly) with Communicable Diseases</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Diarrhoeal diseases <input type="checkbox"/> Hepatitis A- E <input type="checkbox"/> Herpes <input type="checkbox"/> Chickenpox <input type="checkbox"/> Smallpox <input type="checkbox"/> Typhoid <input type="checkbox"/> Meningitis <input type="checkbox"/> Gas gangrene <input type="checkbox"/> Leprosy <input type="checkbox"/> Dengue <input type="checkbox"/> Plague <input type="checkbox"/> Malaria <input type="checkbox"/> Diphtheria <input type="checkbox"/> Pertussis <input type="checkbox"/> Poliomyelitis <input type="checkbox"/> Measles <input type="checkbox"/> Mumps <input type="checkbox"/> Influenza <input type="checkbox"/> Tetanus <input type="checkbox"/> Yellow fever <input type="checkbox"/> Filariasis <input type="checkbox"/> HIV, AIDS • Reproductive Tract Infections • Special Infection control measures : Notification, Isolation, Quarantine, Immunization, Infectious Disease Hospitals <p>Special therapies, alternative therapies Nursing procedures Drugs used in treatment of Communicable diseases</p> <p>Teaching learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Assess-ment of skills with check list • Assess-ment of patient management problem
XIII	25	<ul style="list-style-type: none"> • Describe the Organisation and physical set up of operation theatre 	<p>Peri operative nursing:</p> <ul style="list-style-type: none"> • Organisation and Physical set up of the Operation Theatre (OT) : <ul style="list-style-type: none"> <input type="checkbox"/> Classifications <input type="checkbox"/> O.T. DESIGN <input type="checkbox"/> Staffing <input type="checkbox"/> Members of the OT team

		<ul style="list-style-type: none"> • Identify the various instruments and equipments used for common surgical procedures • Describe the infection control measures in the operation theatre • Describe the role of the nurse in the Peri Operative nursing care 	<ul style="list-style-type: none"> □ Duties and responsibilities of nurse in O.T. □ Principles of Health and operating room attire □ Instruments, □ Sutures & suture materials □ Equipments □ O.T. tables and sets for common surgical procedures □ Positions and draping for common surgical procedures □ Scrubbing procedures □ Gowning and gloving □ Preparation of O.T. Sets □ Monitoring the patient during surgical procedures • Maintenance of therapeutic environment in O.T • Standard Safety measures □ Infection control ; fumigation, disinfection and sterilisation □ Biomedical waste management □ Prevention of accidents and hazards in O.T. • Anaesthesia □ Types □ Methods of administration □ Effects and Stages □ Equipments □ Drugs • Cardio Pulmonary Resuscitation (CPR) • Pain management techniques • Legal Aspects <p><i>Teaching learning Activities</i></p> <ul style="list-style-type: none"> • Lecture Discussion <ul style="list-style-type: none"> • Explain using charts, graphs, Models, films, slides • Demonstration • Practice session • Supervised clinical practice • Drug book/ presentation • Assessment of skills with check list • Assessment of patient management problem
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Medical Surgical Nursing -I Practical

(Adult including Geriatrics)

Placement : Second Year

Time : 720 hours

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
General Medical Ward (*Respiratory, GI,Endocrine, Renal, Hematology)	6	<ul style="list-style-type: none"> • Provide nursing care to adult patients with medical disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Assessment of the patient <ul style="list-style-type: none"> □ Taking history □ Perform general and specific physical examination □ Identify alterations and deviations • Practice medical surgical asepsis-standard safety measures • Administer medications <ul style="list-style-type: none"> □ Oral, IV, IM, Subcutaneous • IV therapy □ IV canulation □ Maintenance and monitoring • Oxygen therapy by different methods • Nebulization • Chest physiotherapy • Naso gastric feeding • Assist in common diagnostic • Perform/Assist in therapeutic procedures • Blood and component therapy • Throat Suctioning • Collect specimens for common investigations • Maintain elimination <ul style="list-style-type: none"> □ Catheterisation □ Bowel wash □ Enema □ Urinary drainage • Maintain Intake, output and documentation 	<ul style="list-style-type: none"> • Plan and give care to 3 - 4 assigned patients • Nursing care plan-2 • Nursing case study/presentation – 1 • Drug presentation- 1 • Maintain drug book • Maintain Practical record book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of case study/presentation • Completion of practical record

			<ul style="list-style-type: none"> • Counsel and teach related to specific disease conditions 		
General Surgical Ward (GI, Urinary, CTVS)	6	<ul style="list-style-type: none"> • Provide pre and post operative nursing care to adult patients with surgical disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Practice medical surgical asepsis-standard safety measures • Pre operative preparation of patients • Post operative care- Receiving pt, assessment, monitoring care • Care of wounds and drainage • Suture removal • Ambulation and exercise • Naso gastric aspiration • Care of chest drainage • Ostomy care <ul style="list-style-type: none"> □ Gastrostomy □ Colostomy • Blood & component therapy • Practice universal precautions 	<ul style="list-style-type: none"> • Plan and give care to 3 - 4 assigned patients • Nursing care plan-2 • Nursing case study/ presentation – 1 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of case study/presentation • Completion of activity record
Cardiology ward	2	<ul style="list-style-type: none"> • Provide nursing care to patients with cardiac disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Physical examination of cardio vascular system Recording and interpreting ECG • Monitoring of patients • Preparation and assisting in non-invasive and invasive diagnostic procedures • Administer cardiac drugs • Cardio pulmonary Resuscitation • Teach patients and families • Practice medical and surgical asepsis – Standard safety measures 	<ul style="list-style-type: none"> • Plan and give care to 2 - 3 assigned patients • Nursing care plan-1 • Nursing case study/ presentation/Health talk – 1 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of case study/presentation/health talk • Completion of activity record
Skin & Communicable diseases Ward	1	<ul style="list-style-type: none"> • Identify skin problems • Provide nursing care to patients with skin 	<ul style="list-style-type: none"> • Assessment of patients with skin disorders • Assist in diagnostic and therapeutic procedures • Administer topical 	<ul style="list-style-type: none"> • Plan and give care to 2 - 3 assigned patients • Health talk 	<ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation

		<p>disorders & Communicable diseases</p> <ul style="list-style-type: none"> • Counsel and educate patients and families 	<p>medication</p> <ul style="list-style-type: none"> • Practice medical surgical asepsis – Standard safety measures • Use of personal protective equipment (PPE) • Give medicated baths • Counseling HIV positive patients • Teach prevention of infectious diseases 	<p>/Counseling HIV positive patients and families –1</p> <ul style="list-style-type: none"> • Maintain drug book 	<p>health talk /Counseling session</p> <ul style="list-style-type: none"> • Completion of activity record
Orthopaedic ward	2	<ul style="list-style-type: none"> • Provide nursing care to patients with musculo-skeletal disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Assessment of orthopaedic patients • Assist in application of plaster cast and removal of cast • Apply skin traction-buck's extension traction • Assist in application and removal of prosthesis • Physiotherapy -Range of motion exercises (ROM), muscle strengthening exercises • Crutch maneuvering technique • Activities of daily living • Ambulation • Teach and counsel patients & families 	<ul style="list-style-type: none"> • Plan & give care to 2-3 assigned patients • Nursing care plan-1 • Nursing case study/presentation – 1 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation of nursing care plan & nursing case study /presentation • Completion of activity record
Operation Theatre	6	<ul style="list-style-type: none"> • Identify instruments used in common operations • Participate in Infection control practices in the Operation Theatre • Set-up the table/trolleys for common 	<ul style="list-style-type: none"> • Scrubbing, gowning gloving • Identify instruments suturing materials for common operations • Disinfection, Carbolicization, fumigation • Preparation of instrument sets for common operations • Sterilization of sharps and other instruments • Prepare the OT table depending upon the 	<ul style="list-style-type: none"> • Assist as a circulatory nurse in • Major cases-10 • Minor cases – 5 • Assist as a scrub nurse in • Major cases-10 • Minor cases – 5 	<ul style="list-style-type: none"> • Assess performance with rating scale • Completion of activity record

		operative procedures <ul style="list-style-type: none"> • Assist in giving anesthesia • Assist in the operative procedures • Provide peri operative nursing care 	operation <ul style="list-style-type: none"> • Positioning and monitoring of patients • Endotracheal intubation • Assisting in minor and major operations • Handling specimens • Disposal of waste as per the guidelines 	<ul style="list-style-type: none"> • Maintain drug book 	
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Clinical Training
260 hours (9 weeks)

Time :

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
ICU, CCU, CARDIAC OT	2	<ul style="list-style-type: none"> • To gain proficiency in ICU nursing • Develop advance skill in special procedures used in critical care unit • Identify potential problems and provide accordingly • Skill in setting and handling ventilator • Administer injection in infusion pump • Record accurately findings and medications • Develop IPR with family members • Acquint with OT technique 	<ul style="list-style-type: none"> • Assist in arterial puncture for blood gas analysis • Perform ECG and interpret accordingly. • Conduct & analysis pulse oximetry • Care with artificial airway • Assist in endotracheal intubation • Setting up ventilator • Giving care in ventilator • Drug sheet • Observation of special procedure in OT. 	<ul style="list-style-type: none"> • Arterial puncture –5 • Taking out ECG stripe – 5 • Tracheal suction-5 • For all assigned patients • Oxygen administration by CPAP mask and use Ambu bag. • Assessment for all assigned patients • Nursing care in ventilator • Drug sheet 	<ul style="list-style-type: none"> • Record book • Checking with supervisor
Neuro ICU, ITU, OT	2	<ul style="list-style-type: none"> • Develop skill in neurological assessment • Give care to the 	<ul style="list-style-type: none"> • Assess neurological status • Implement care to head injury spinal injury 	<ul style="list-style-type: none"> • Assessment for all assigned patients 	<ul style="list-style-type: none"> • Record book • Observation

		<p>pt with head injury and spinal injury</p> <ul style="list-style-type: none"> • Care with chest surgery and cranial surgery 	<p>patients</p> <ul style="list-style-type: none"> • Drug sheet • Pre and postoperative care with neuro surgery patients 	<ul style="list-style-type: none"> • Nursing care plan-2 • Drug sheet 	checklist
Burns & plastic Reconstructive surgery	2	<ul style="list-style-type: none"> • Assess the severity of burns • Administer rehydration therapy • Observe reconstructive surgery 	<ul style="list-style-type: none"> • Nursing care 		
OT Lapro – scopic Orthopaedic Eye ENT	3	<ul style="list-style-type: none"> • Identify instruments • Assist in OT set up • Supervise sterilization • Assist in OT table lay out • Observe immediately after operation • Supervise infection control 		<ul style="list-style-type: none"> • Assist - 5 cases 	<ul style="list-style-type: none"> • Record book