GROW MORE INSTITUTE OF NURSING, HIMMATNAGAR

 **MEDICAL SURGICAL NURSING**

**Time**: Theory 210 hoursPractical 720 hours

 **(Adult includingGeriatrics)-1 Placement**: Second Year

**Course Description:**

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



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|  | **Unit** |  | **Time** | **Content** |
|  |  |  |  | **(Hrs)** |  |
|  | I |  |  | 15 |  | **Introduction :** |

* Introduction to medical surgical nursing-Evolution and trends of medical and surgical nursing.
* Review of concepts of health and illness Disease-concepts, causations, classification – international classification Disease (ICD-10 or later version), Acute illness Chronic illness and 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 of responsibility nurse in medical surgical settings:
* Out-patient department.
* In-patient department
* Intensive care unit
* Home and Community settings.
* Introduction to Medical Surgical asepsis
* Inflammation and Infection
* Immunity
* Wound healing
* Care of Surgical Patient
* Pre-operative
* Intra operative
* Post operative

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| II | 15 | **Common signs and symptoms and management.** |
|  |  | **F**luid and electrolyte imbalance. |
|  |  |  | Vomiting |
|  |  | Dyspnea and cough, respiratory obstruction |
|  |  |  | Fever |
|  |  |  | Shock |
|  |  |  | Unconsciousness, Syncope |
|  |  |  | Pain |
|  |  |  | Incontinence |
|  |  |  | Edema |
|  |  | Age related problems- geriatric |
|  |  |  |  |

1. 20 **Nursing management of patients (adult including elderly) with disorders of** **respiratory problems**
	* Review of anatomy and physiology of respiratory system,
	* Nursing Assessment-History and physical assessment
	* Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management of adults including elderly with
* Upper Respiratory tract infections.
* Bronchitis
* Asthma
* Emphysema
* Empyema
* Atelectasis
* Chronic Obstructive
* Pulmonary Disease (COPD)
* Bronchiectasis
* Pneumonia
* Pulmonary tuberculosis
* Lung abscess
* Pleural effusion

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* Chest injuries
* Respiratory arrest and insufficiency
* Pulmonary embolism



Special therapies, alternative therapies nursing procedures Drugs used in treatment of

respiratory disorders



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| IV | 30 | **Nursing management of patients (adult including elderly) with disorders of digestive** |

**system.**

* Review of anatomy and physiology of digestive system,
* Nursing Assessment-History and physical assessment
* Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management.
* Disorders of
* Oral cavity- Lips, gums, tongue, salivary glands and teeth
* Oesophagus- inflammation, stricture, obstruction, bleeding and tumour
* Stomach and deudenum- hiatus hernia, gastritis, peptic and deudenal ulcer, bleeding, tumours, pyloric stenosis
* Small intestinal disorders- inflammation and infection, entritis, malabsorption, obstruction, tumour and perforation
* Large intestinal disorders colitis, inflammation and infection, obstruction and tumours and lump
* Hernias
* Appendix-inflammation, mass, abscess, rupture
* Anal and Rectum; hemorrhoids, 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

Special therapies, alternative therapies nursing procedures Drugs used in treatment of

disorders of digestive system.

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30 **Nursing management of patients (adult including elderly) with blood and cardio** **vascular problems**

* + Review of anatomy and physiology of blood and cardio vascular system
	+ Nursing Assessment-History and physical assessment
	+ Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management
	+ Vascular system



* Hypertension, Hypotension
* Arteriosclerosis
* Rainaud’s disease
* Aneurism and peripheral vascular disorders

**Heart**

* Coronary artery disease
	+ - Ischemic Heart Disease
		- Cornory atherosclerosis
		- Angina pectoris
		- Myocardial infarction
* Valvular disorders of the heart
	+ - Congential and acquired
		- Rheumatic Heart disease
* Endocarditis, pericarditis Mycorditis
* Cardio Myopathies
* cardiac dysrhythmias, Heart block
* Congestive cardiac failure
	+ - Cor-Pulmonale, pulmonary edema, cardiogenic shock, cardiac temponade
* Cardiac emergencies and arrest
* Cardio Pulmonary Resuscitation(CPR)
	+ Blood
		- Anaemias
		- Polycythemia
		- Bleeding disorders; clotting factor defects and platelets defects

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|  |  |  | Thalassemia |
|  |  |  | Leukaemias |
|  |  |  | Leukopenias and agranulocytosis |
|  |  |  | Lymphomas |
|  |  |  | Myelomas |
|  |  |  | Special therapies |
|  |  |  | Blood transfusion, safety checks, procedure and requirement, management of |
|  |  |  | adverse transfusion reaction, records for blood transfusion |
|  |  | Management and counseling of blood donors, phlebotomy procedure, and post |
|  |  |  | donation management Blood bank functioning and hospital transfusion committee. |
|  |  |  | Bio-safety and waste management in relation to blood transfusion |
|  |  | Role of nurse in organ donation, retrieval and banking. |
|  |  | Alternative therapies Nursing procedures Drugs used in treatment of blood and cardio |
|  |  | vascular disorders. |
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| VI | 10 | **Nursing management of patients (adult including elderly) with genito-urinary** |
|  |  | **problems** |
|  |  | Review of anatomy and physiology of genito-urinary system |
|  |  | Nursing Assessment-History and physical assessment |
|  |  | Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities |
|  |  |  | and medical, surgical, dietetics and nursing management |
|  |  |  | Nephritis |
|  |  |  | Nephotic syndrome |
|  |  |  | Nephrosis |
|  |  |  | Renal calculus |
|  |  |  | Tumours |
|  |  |  | Acute renal failure |
|  |  |  | Chronic renal failure |
|  |  | End stage renal disease |
|  |  |  | Dialysis, renal transplant |
|  |  | Congenital disorders, urinary infection |
|  |  |  | Benign prostate hypertrophy. |
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* Disorders of ureter, urinary bladder and urethera-inflammation, infection, stricture, obstruction, tumours, prostrate

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|  |  |  |  | Special therapies, alternative therapies nursing procedures Drugs used in treatment of |
|  |  |  |  | genito-urinary disorders |
|  |  |  |  |  |
|  | VII |  | 5 | **Nursing management of patients (adult including elderly) Male reproductive system** |
|  |  |  |  | Review of anatomy and physiology of Male reproductive system |

* Nursing Assessment-History and physical assessment
* Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management of disorders of male reproductive system
* Congenital malformations; cryptorchidism
* Hypospadiasis, Epispadiasis
* infection
* Testis and adjacent structures
* Penis
* Prostate: inflammation, infection, hypertrophy, tumours
* Sexual Dysfunction
* Infertility
* Contraception
* Breast; gynecomastia, tumours
* Climacteric changes special therapies, alternative therapies

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|  |  | Nursing procedures Drugs used in treatment of disorders of male reproductive system |
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| VIII | 10 | **Nursing management of patients (adult including elderly) with disorders of** |
|  |  | **endocrine system** |
|  |  |  | Review of anatomy and physiology of endocrine system |
|  |  |  | Nursing Assessment-History and physical assessment |
|  |  |  | Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities |
|  |  |  | and medical, surgical, dietetics and nursing management of- |
|  |  | Disorders of Thyroid and parathyroid |
|  |  | Diabetes mellitus |
|  |  | Diabetes insipid us |
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|  |  |  | Adrenal tumours |
|  |  | Pituitary disorders, Special therapies, alternative therapies |
|  |  | Nursing procedures Drugs used in treatment of disorders of endocrine system. |
|  |  |  |
| IX | 10 | **Nursing management of patients (adult including elderly) with disorders of** |
|  |  | **Integumentary system** |
|  |  |  | Review of anatomy and physiology of Skin and its appendages |
|  |  |  | Nursing Assessment-History and physical assessment |
|  |  |  | Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities |
|  |  |  | and medical, surgical, dietetics and nursing management of- disorders of Skin and |
|  |  |  | its appendages- |
|  |  | Lesions and abrasions |
|  |  | Infection and infestations; Dermititis |
|  |  | Dermatoses; infectious and Non infectious “inflammatory dermatoses” |
|  |  | Acne Vulgaris |
|  |  | Allergies and Eczema |
|  |  | Psoriasis |
|  |  | Malignant melanoma |
|  |  | Alopies |
|  |  | Special therapies, alternative therapies |
|  |  | Nursing procedures Drugs used in treatment of disorders of Integumentary system |
|  |  |  |
| X | 15 | **Nursing management of patients (adult including elderly) with Musculoskeletal** |
|  |  | **system** |  |
|  |  |  | Review of anatomy and physiology of musculoskeletal system |
|  |  |  | Nursing Assessment-History and physical assessment |
|  |  |  | Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities |
|  |  |  | and medical, surgical, dietetics and nursing management of- |
|  |  |  | Disorders of: |
|  |  |  | Muscles, Ligaments and Joints – inflammation, infection, trauma |
|  |  |  | Bones- inflammation, infection, dislocation, fracture, tumours and trauma |
|  |  |  | Osteomalacia and osteomalacia and osteoporosis |
|  |  |  | Arthritis |
|  |  |  |  |

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* Congenital deformities
* Spinal column- defects and deformities, tumor, Prolapsed inter vertebral disc, putt’s spine
* Paget’s disease



* Amputation
* Prosthesis
* Transplant & replacement surgeries
* Rehabilitation

Special therapies, alternative therapies

Nursing procedures Drugs used in treatment of disorders of Musculoskeletal system.

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| XI |  | 10 | **Nursing management of patients (adult including elderly) with Immunological** |

**Problem**

* Review of Immune system.
* Nursing Assessment-History and physical assessment
* Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management of-
* Immunodeficiency disorder.
* Primary immuno deficiency.
* Phagocytic dysfunction
* B-cell and T-cell deficiencies
* Secondary immunodeficiencies
* Acquired immunodeficiencies syndrome (AIDS)
* Incidence of HIV & AIDS
* Epidemiology
* Transmission-Preventation 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

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|  |  |  | Rehabilitation |
|  |  | Special therapies, alternative therapies |
|  |  | Nursing procedures Drugs used in treatment of disorders of Immunological system. |
|  |  |  |
| XII | 20 | **Nursing management of patients (adult including elderly) with Communicable** |
|  |  | **Diseases** |
|  |  |  | Overview of infectious disease, the infectious process. |
|  |  |  | Nursing Assessment-History and physical assessment |
|  |  |  | Epidemiology, infectious process, clinical manifestation, diagnosis, treatment |
|  |  |  | preventation and dietics control and eradication of common communicable |
|  |  |  | Disease- |
|  |  | Tuberculosis |
|  |  | Diarrhoeal disease |
|  |  | hepatitis A-E |
|  |  | herpes |
|  |  | chickenpox |
|  |  | smallpox |
|  |  | typhoid |
|  |  | meningitis |
|  |  | gas gangrene |
|  |  | leprosy |
|  |  | Dengue |
|  |  | Plague |
|  |  | Malaria |
|  |  | Diptheria |
|  |  | Pertussis |
|  |  | Poliomyelitis |
|  |  | Measles |
|  |  | Mumps |
|  |  | Influenza |
|  |  | Tetanus |
|  |  | Yellow fever |
|  |  |  |  |

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|  |  |  | Filariasis |
|  |  |  | HIV,AIDS |
|  |  |  | Reproductive Tract infections |
|  |  | Special Infection control measures: Notification, Isolation, Quarantine, |
|  |  |  | Immunization, Infectious Disease Hospitals |
|  |  | Special therapies, alternative therapies |
|  |  | Nursing procedures Drugs used in treatment of Communicable disease |
|  |  |  |
| XIII | 25 | **Peri operative nursing** |
|  |  |  | Organization and Physical set up of the operation (OT): |
|  |  |  | Classification |
|  |  |  | O.T.DESIGN |
|  |  |  | Staffing |
|  |  |  | Members of the OT team. |
|  |  |  | Duties and responsibilities of nurse in O.T. |
|  |  |  | Principles of Health and operating room attire |
|  |  |  | Instruments |
|  |  |  | Sutures and 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 sterilization |
|  |  |  | Biomedical waste management |
|  |  |  | Preventation of accidents and hazards in O.T. |
|  |  |  | Anaesthesia |
|  |  |  | Types |
|  |  |  |  |

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* Methods of administration
* Effects and stages
* Equipments
* Drugs



* Cardio Pulmonary Resuscitation (CPR)
* Pain management technique
* Legal Aspects

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**MEDICAL SURGICAL NURSING (Adult including Geriatrics)-1**

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| **Practical** |  |  |  |  |  |  |  |  |  |
| **Placement: Second Year** |  | **Time**: Practical 720 hours |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **Areas** | **Duration** |  |  | **Skills** |  |  | **Assignments** |  |
|  |  |  |  | **(in week)** |  |  |  |  |  |  |  |  |
|  |  | General |  | 6 |  |  | Assessment of the patient |  |  | Plan and give care to |  |  |
|  |  | Medical |  |  |  |  | Taking history |  |  | 3-4 assigned patients |  |  |
|  |  | Ward |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | (\*Respirat |  |  |  |  | Perform general and specific physical |  |  | Nursing care plan-2 |  |  |
|  |  | ory, GI, |  |  |  |  | examination. |  |  | Nursing case |  |  |
|  |  | Endocrine |  |  |  |  |  |  |  |
|  |  | , Renal, |  |  |  |  | Identification alterations and deviations |  |  | study/presentation-1 |  |  |
|  |  | Hemotolo |  |  |  |  | Practice medical surgical asepsis- |  |  | Drug presentation-1 |  |  |
|  |  | gy) |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Standard safety measures |  |  | Maintain drug book |  |  |
|  |  |  |  |  |  |  | Administer medications |  |  | Maintain Practical |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Oral, IV, IM, Subcutaneous |  |  | record book |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | IV therapy |  |  |  |  |  |
|  |  |  |  |  |  |  | IV canulation |  |  |  |  |  |
|  |  |  |  |  |  |  | Maintenance and monitoring |  |  |  |  |  |
|  |  |  |  |  |  |  | Oxygen therapy by different methods |  |  |  |  |  |
|  |  |  |  |  |  |  | Nebulization |  |  |  |  |  |
|  |  |  |  |  |  |  | Chest physio therapy |  |  |  |  |  |
|  |  |  |  |  |  |  | Naso gastric feeding |  |  |  |  |  |
|  |  |  |  |  |  |  | Assist in common diagnostic |  |  |  |  |  |
|  |  |  |  |  |  |  | Perform/Assist in the rapeutic procedures |  |  |  |  |  |
|  |  |  |  |  |  |  | Blood and component therapy |  |  |  |  |  |
|  |  |  |  |  |  |  | Throat Suctioning |  |  |  |  |  |
|  |  |  |  |  |  |  | Collect speciments for common |  |  |  |  |  |
|  |  |  |  |  |  |  | investigations. |  |  |  |  |  |
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|  |  |  |  | Maintain eliminations |  |  |  |  |
|  |  |  |  | Catheterization |  |  |  |  |
|  |  |  |  | Bowel wash |  |  |  |  |
|  |  |  |  | Enema |  |  |  |  |
|  |  |  |  | Urinary drainage |  |  |  |  |
|  |  |  |  | Maintain Intake, output and |  |  |  |  |
|  |  |  |  | documentation |  |  |  |  |
|  |  |  |  | Counsel and teach related to specific |  |  |  |  |
|  |  |  |  | disease conditions |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| General | 6 |  |  | Practical medical surgical asepsis Standard |  | Plan and give care to |  |
| Surgical |  |  |  | safety measures |  | 3-4 assigned patients |  |
| Ward (GI, |  |  |  |  |  |
| Urinary, |  |  |  | Pre operative preparation of patients |  | Nursing care plan-2 |  |
| CTVS) |  |  |  | Post operative care Receiving pt, assessment, |  | Nursing case |  |
|  |  |  |  |
|  |  |  |  | monitoring care |  |
|  |  |  |  |  | study/presentation-1 |  |
|  |  |  |  | Care of wounds and drainage |  |  |
|  |  |  |  | Maintain drug book |  |
|  |  |  |  | Suture removal |  |
|  |  |  |  |  |  |
|  |  |  |  | Ambulation and exercises |  |  |  |
|  |  |  |  | Naso gastric aspiration |  |  |  |
|  |  |  |  | Care of chest drainage |  |  |  |
|  |  |  |  | Ostomy care |  |  |  |
|  |  |  |  | Gastrostomy |  |  |  |
|  |  |  |  | Colostomy |  |  |  |
|  |  |  |  | Enterostomy |  |  |  |
|  |  |  |  | Blood and component therapy |  |  |  |
|  |  |  |  | Practice universal precautions |  |  |  |
|  |  |  |  |  |  |  |  |
| Cardiolog | 2 |  |  | Physical examination of the cardio |  |  | Plan and give care to |  |
| y ward |  |  |  | vascular system Recording and |  |  | 3-4 assigned patients |  |
|  |  |  |  |  |  |  |
|  |  |  |  | interpreting ECG |  |  | Nursing care plan-1 |  |
|  |  |  |  | Monitoring of patients |  |  | Nursing case |  |
|  |  |  |  | Preparation and assisting in non-invasive |  |  | study/presentation/H |  |
|  |  |  |  | and invasive diagnostic procedures. |  |  | e alth talk-1 |  |
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|  |  |  |  |  | Administer cardiac drugs |  | Maintain drug book |  |  |
|  |  |  |  |  | Cardio pulmonary Resuscitation |  |  |  |  |
|  |  |  |  | Teach patients and families |  |  |  |  |
|  |  |  |  | Practice medical and Surgical aspesis |  |  |  |  |
|  |  |  |  |  | standard safety measures |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Skim & | 1 |  |  | Assessment of patients with Skin | Plan and give care to |  |
|  | Communi |  |  |  | disorders |  | 2-3 assigned patients |  |
|  | cable |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | diseases |  |  |  | Assist in diagnostic and therapeutic |  | Health |  |
|  | Ward |  |  |  | procedures |  | talk/Counseling HIV |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  | Administer topical medication |  | positive patients and |  |
|  |  |  |  |  | Practice medical surgical asepsis |  | families-1 |  |
|  |  |  |  |  | standard safety measures |  | Maintain drug book |  |
|  |  |  |  | Use of Personal protective equipment |  |  |  |  |
|  |  |  |  |  | (PPE) |  |  |  |  |
|  |  |  |  |  | Give Medicated baths |  |  |  |  |
|  |  |  |  |  | Counseling HIV positive patients |  |  |  |  |
|  |  |  |  | Teach prevention of infectious diseases. |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | Orthopedi | 2 |  |  | Assessment of orthopedic patients | Plan and give care to |  |  |
|  | c ward |  |  |  | Assist in application of plaster cast and |  | 2-3 assigned patients |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  | removal of cast |  | Nursing care plan-1 |  |  |
|  |  |  |  | Apply skin traction buck’s extension |  | Nursing case |  |  |
|  |  |  |  |  | traction |  | study/presentation-1 |  |  |
|  |  |  |  |  | Assist in application and removal of |  | Maintain drug book |  |  |
|  |  |  |  |  | prosthesis |  |  |  |  |
|  |  |  |  | Physiotherapy-Range of motion |  |  |  |  |
|  |  |  |  |  | exercises(ROM), muscle strengthening |  |  |  |  |
|  |  |  |  |  | exercises |  |  |  |  |
|  |  |  |  |  | Crutch maneuvering technique. |  |  |  |  |
|  |  |  |  | Activities of daily living |  |  |  |  |
|  |  |  |  |  | Ambulation |  |  |  |  |
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|  |  | Teach and counsel patients and families |  |  |  |
|  |  |  |  |  |  |  |
| Operation | 6 |  | Scrubbing, gowning, gloving |  | Assist as a |  |
| Theatre |  |  | Identify instruments, suturing materials |  | circulatory nurse in |  |
|  |  |  |  |
|  |  |  | for common operations |  | Major cases-10 |  |
|  |  |  | Disinfections, Carbolizations, |  | Minor cases—5 |  |
|  |  |  | fumigations |  | Assist as a scrub |  |
|  |  | Preparations of instruments sets for |  | nurse in |  |
|  |  |  | common operations |  | Major cases-10 |  |
|  |  | Sterilizations of sharps and other |  | Minor cases-5 |  |
|  |  |  | instruments |  | Maintain drug book |  |
|  |  | Prepare the O.T. table depending upon |  |  |  |
|  |  |  | the operations |  |  |  |
|  |  | Positioning and monitoring of patients |  |  |  |
|  |  |  | Endotracheal intubation |  |  |  |
|  |  | Assisting in minor and major operations. |  |  |  |
|  |  |  | Handling specimens |  |  |  |
|  |  | Disposal of waste as per the guidelines |  |  |  |
|  |  |  |  |  |  |  |

Internship

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Areas | Durations |  | Skills |  | Assignments |
|  | (in week) |  |  |  |  |
| ICU, | 2 |  | Assist in arterial puncture for blood gas |  | Arterial puncture-5 |
| CCU, |  |  | analysis |  | Taking out ECG |
| CARDI,A |  |  | Perform ECG and interpret accordingly. |  | stripe-5 |
| C OT. |  |  | Conduct and analysis pulse oximetry. |  | Tracheal suction-5 |
|  |  |  | Care with artificial airway. |  | For all assigned |
|  |  |  | Assist in endotracheal intubation. |  | patients. |
|  |  |  | Setting up ventilator. |  | Oxygen |
|  |  |  | Giving care in ventilator. |  | administration by |
|  |  |  |  |  |  |

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Drug sheet. |  | CPAP mask and use |
|  |  |  | Observation of special procedures in |  | Ambu bag |
|  |  |  | OT. |  | Assessment for all |
|  |  |  |  |  | assigned patients. |
|  |  |  |  |  | Nursing care in |
|  |  |  |  |  | ventilator |
|  |  |  |  |  | Drug sheet |
|  |  |  |  |  |  |
| Neuro | 2 |  | Assess neurological status. |  | Assessment for all |
| ICU,ITU, |  |  | Implement care to head injury spinal |  | assigned patients. |
| OT |  |  | injury patients. |  | Nursing care plan-2 |
|  |  |  | Drug sheet. |  | Drug sheet |
|  |  | Pre and Postoperative care with neuro |  |  |
|  |  |  | surgery patients. |  |  |
|  |  |  |  |  |  |
| Burns and | 2 |  | Nursing care |  |  |
| plastic |  |  |  |  |  |
| Reconstru |  |  |  |  |  |
| ctive |  |  |  |  |  |
| surgery |  |  |  |  |  |
|  |  |  |  |  |  |
| OT | 3 |  |  |  | Assist-5 cases. |
| laparoscop |  |  |  |  |  |
| ic |  |  |  |  |  |
| Orthopedi |  |  |  |  |  |
| c Eye |  |  |  |  |  |
| ENT |  |  |  |  |  |
|  |  |  |  |  |  |

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