

<b>COURSE TITLE</b>	<b>MEDICAL SURGICAL NURSING-II</b>
<b>COURSE CODE</b>	<b>20GN0202</b>
<b>COURSE CREDITS</b>	<b>8</b>

**Objective:**

- 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.

**Course Outcomes:** After completion of this course, student will be able to:

- 1 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.

**Pre-requisite of course:** 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.

**Teaching and Examination Scheme**

<b>Theory Hours</b>	<b>Tutorial Hours</b>	<b>Practical Hours</b>	<b>ESE</b>	<b>IA</b>	<b>CSE</b>	<b>Viva</b>	<b>Term Work</b>
3	10	0	75	15	10	25	25

Contents : Unit	Topics	Contact Hours
1	<p><b>Oncology Nursing</b> Nursing management of patients with oncological conditions - Structure &amp; characteristics of normal &amp; 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 &amp; 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 - Oncological emergence, Modalities of treatment Immunotherapy Radiotherapy Surgical Interventions Stem cell and Bone marrow transplants Gene therapy Other forms of treatment, Psychosocial aspects of cancer - Rehabilitation - Palliative care; symptom and Pain management, Nutritional support - Home care - Hospice care - Stomal Therapy - Special therapies - Psycho social aspects - Nursing procedures</p>	15
2	<p><b>Nursing Management Of patients with disorders of Breast</b> Assessment of breast ? History ? Physical examination ? Diagnostic tests ? Breast self examination, Disorders of breast ? Mastitis ? Breast abscess ? Gynaecomastia ? Tumors and Malignancy of breast ? Nursing management of a patient after mastectomy.</p>	5
3	<p><b>Nursing Management of patient with diseases and disorders Of integumentary system</b> Nursing Assessment ? History ? Physical assessment Etiology - Pathophysiology - Clinical manifestations, Nursing management of disorders of skin and its appendages ? Lesions and abrasions ? Infection and infestations Dermatitis ? Dermatoses; infectious and Non infectious ? Inflammatory dermatoses ? Acne Vulgaris ? 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 (Tinea Pedis) ? Parasitic infestation ? Pediculosis ? Scabies ? Pemphigus, Stevens - Johnson syndrome ? Skin cancer ? Special dermatological therapies - Burn and its management ? Burns Plastic Surgery ? Incidence, causes of burns ? Types &amp; classification of burns ? Pathophysiology, Calculation of the percentage ? Local &amp; systematic effects of burns ? Immediate care ? First aid care ? Medical Management, barrier nursing care of the burns ? Complications, Health education, Plastic Surgery ? Define plastic &amp; reconstructive surgery ? Types ? Define skin graft flaps ? Possible complication ? Preparation of patient for reconstructive surgery ? Post of care ? Health Education</p>	5

Contents : Unit	Topics	Contact Hours
4	<p><b>Ophthalmology And Ophthalmic Nursing</b>            Review of anatomy and physiology of eye Assessment of function of eyes. - History - Physical exam - Diagnostic teststonometry, Snellen’s chart, Infections and Inflammations conditions + Blepharitis + Styte + Chalazion + Entropion + Ectopion + Dacrocystitis + Conjunctivitis + Trachoma + Pterydium + Keratitis + Corneal ulcer -Degenerative Conditions, + Cataract + Retinopathy + Retinal detachment -Miscellaneous +Strabismus + Refractive errors + Tumors + Color blindness, + Nigh Blindness, + total blindness -Preventive and Rehabilitative aspects + National programs on +Blindness and trachoma Current trends in Management of Ophthalmic conditions- + Hospital corneal retrieval + Grief counseling. + Eye Collection + Counselling + Obtaining consent for eye donatioN, -Eye banking in India - Ocular Emergencies + Glaucoma + Foreign body + Acid / Alkali bums + Trauma to the eye Eye Immigration -Instillation of eye drops and ointment -Cold and hot compress -Eye dressing and bandage - Assisting for sac syringing -Assisting for removal of foreign body</p>	10
5	<p><b>Nursing Management of Patient with Disorders and Diseases Of Ear Nose and Throat</b>            A. Ear Review of Anatomy and physiology of Ear Assessment of function of ear + History + Ear examination - Diagnostic tests Diseases and disorders of the ear + External ear - Otitis - Foreign body - Impacted cerement - Furunculosis -Middle ear + Otitis media + Mastoiditis + Perforation of ear drum, Internal ear + Presycusis + Labryinthitis + Meniere’s disease + Otosclerosis -Deafness + Conductive deafness + Neural deafness - Tumors of the ear and auditory nerve -Insufflations of Eustachian tube, B. Nose Review of Anatomy and physiology of nose Assessment of functions of nose - History - Examination of nose - Diagnostic tests Diseases and disorders of nose -Infections + Rhinitis + Sinusitis, + Obstruction + Polyps -Foreign body -Deviated nasal septum -Trauma – fracture of nasal bone and epitaxies, C Throat Review of Anatomy and physiology of Throat Assessment of the function of throat - History - Examination of throat - Diagnostic tests Diseases and disorders of throat infections and inflammation + Tonsillitis + Pharyngitis + Adenoiditis + Laryngitis - Tumors - Injury and foreign body</p>	15

Contents : Unit	Topics	Contact Hours
6	<p><b>Nursing Management of Patient with cardio vascular, circulatory and Hematological disorders</b></p> <p>A. Cardio Vascular Review of anatomy and physiology of heart and circulatory system Assessment of functions of heart and vascular system + History + Physical exam + Diagnostic tests Diseases and disorders of cardio vascular system -Coronary Artery disease - Arrhythmia -Coronary Artery disease + Angina pectoris, + Coronary atherosclerosis + Myocardial infarction -Valvular heart disease + Mitral stenosis + Aortic stenosis, Incompetence, regurgitation + Tricuspid stenosis + Pulmonary stenosis - Inflammation and infections + Pericarditis, myocarditis, endocarditis + Rheumatic fever Heart block -Complication of heart disease + Heart failure acute, pulmonary edema) – chronic (congestive Cardiac failure ) + Cardiogenic shock + Pericardial effusion, cardiac tamponed -Cardiac emergencies + Cardiac arrest + Shock Vascular disorders + Arterial disorders + Berger’s disease (TAO), + arterial ulcers, + arteriosclerosis, + aneurysm, + thrombosis and emboli, + Raynaud’s disease + Hypertension, Venous disorder -Thrombosis (DVT) -Venous insufficiency - Venous ulcer -Varicose vein -Cellulitis Lymphatic disorders - Lymphangitis &amp; Lymphadenitis -Lymphedema &amp; elephantiasis, B Hematologic disorders Review of function and structure of blood components + Assessment - History - Physical examination - Diagnostic tests + Diseases and disorders of blood and its components - Anemia - Thalassemia - Polycythemia - Leukopenia and neutropenia - Leukocytosis &amp; leukemia - Lymphomas Hodgkin &amp; Non Hodgkin diseases, Multiple myeloma - Bleeding disorders - Thrombocytopenia, -purpura, hemophilia - Acquired coagulation disorders – Liver disease, Vitamin K deficiency, DIC, Alternate therapies Drugs used in treatment of cardiovascular circulatory and hematology disorders</p>	28
7	<p><b>Nursing Management of Patients with communicable diseases</b></p> <p>Assessment - History - Physical examination - Diagnostic tests Review of infection, mode of transmission, its prevention and control Preparation, care and administration of anti sera and vaccines Isolation, Management of various infection diseases caused by Virus----- Measles - Chicken pox - swine flu, -Ebola Dengue Chicken guinea Influenza - Mumps - Encephalitis - Infective hepatitis - Poliomyelitis - Rabies - AIDS Caused by Bacteria- - Diphtheria - Whooping cough - Tetanus - Typhoid - Dysentery - Gastroenteritis, Cholera - Meningococcal Meningitis - Tuberculosis - Plague - Leptospirosis - Vector borne diseases – Malaria Filariasis - Yellow fever - Dengue Any other prevailing diseases</p>	10
8	<p><b>Nursing Management of Patients with sexually Transmitted diseases</b></p> <p>Assessment - History - Physical examination - Diagnostic tests + Sex health and hygiene + Syndromic Management of sexually transmitted disease + Gonorrhea + Syphilis - Granuloma Venerium - Chancroid granuloma - AIDS - Genital herpes</p>	5

<b>Contents : Unit</b>	<b>Topics</b>	<b>Contact Hours</b>
9	<b>Nursing Management of Patients with musculo skeletal disorders And diseases</b> + Review of Anatomy and Physiology of musculo skeletal system + Assessment - History - Physical examination - Diagnostic tests + Infections and inflammations -- Septic arthritis - Gonococcal arthritis - Osteomyelitis - Tuberculosis of the spine and bones - Sprains - Dislocations - Fracture of spine and extremities, Degenerative conditions of - joints, spine Tumors, Amputation and prosthesis Deformities - Congenital and acquired - Range of motion exercises - Care of patient: - skin and skeletal traction -- Orthopedic splints - POP application and removal -neurogenic bladder Preparation for bone surgery - Use of orthopedic assist devices + Crutches + Canes + Walker	10
10	<b>EMERGENCY MANAGEMENT</b> Scope and practice of emergency nursing + Principles of emergency care + Triage - Medical Surgical Emergencies, Airways obstruction Hemorrhage Shock, Anaphylactic reaction, Allergies Trauma – intra abdominal, crush injuries, multiple injures 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
11	<b>Emergency and Disaster Nursing</b> Natural calamities - Flood - Earthquake - Volcano + Manmade disaster - Explosion - War - Fire - Accidents + Emergency preparedness - Community resources available to meet calamities - Nurses role in disaster management	5
<b>Total Hours</b>		<b>118</b>

#### Suggested List of Experiments:

<b>Contents : Unit</b>	<b>Topics</b>	<b>Contact Hours</b>
1	<b>clinical posting</b> clinical posting at various hospital	400
<b>Total Hours</b>		<b>400</b>

#### Textbook :

- 1 Medical Surgical Nursing-II, MP Sharma, AITBS, 2021

#### References:

- 1 Medical Surgical Nursing-II, Medical Surgical Nursing-II, ed Ansari, PEEVEE, 2017

#### Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery

<b>Remember / Knowledge</b>	<b>Understand</b>	<b>Apply</b>	<b>Analyze</b>	<b>Evaluate</b>	<b>Higher order Thinking / Creative</b>
40.00	40.00	10.00	10.00	0.00	0.00

**Instructional Method:**

- 1 Exam will be conducted by Gujarat Nursing Council

**Supplementary Resources:**

- 1 N/A