

# SYLLABUS FOR PhD IN MEDICAL SURGICAL NURSING

## **Introduction:**

- Medical – Surgical Nursing in India. Current status of health and disease burden in India. Current concept of health. Trends & issues in Medical – Surgical Nursing. Ethical & cultural issues in Medical – Surgical Nursing.
- Rights of patients. National health policy, special laws & ordinances relating to older people. National goals. Five years plans. National health programs related to adult health.

## **Health assessment of patients:**

- History taking. Physical examination of various systems. Nutritional assessment. Related investigations and diagnostic assessment.

## **Care in hospital setting:**

- Ambulatory care. Acute and Critical care. Long term care. Home Health Care. Characteristics, care models, practice settings, interdisciplinary team. Hospitalization- effects of hospitalization on the patient & family.
- Stressors & reactions related to disease process. Nursing care using Nursing process approach.

## **Management of patients with disorders of Gastro intestinal tract:**

### **Review of anatomy and physiology:**

- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies. Evidence based nursing practice.
- Rehabilitation and follow-up.

## **Management of patients with disorders of Nervous System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies.
- Evidence based nursing practice. Rehabilitation and follow-up.

## **Management of patients with disorders of Respiratory System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies. Evidence based nursing practice. Rehabilitation and follow-up.

## **Management of patients with disorders of cardio Vascular System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies. Evidence based nursing practice. Rehabilitation and follow-up.

## **Management of patients with Disorders of Blood:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.

- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies. Evidence based nursing practice. Rehabilitation and follow-up.

#### **Management of patients with disorders of Genito-Urinary System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies. Evidence based nursing practice. Rehabilitation and follow-up.

#### **Management of patients with disorders of Endocrine System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice. Rehabilitation and follow-up.

#### **Management of patients with disorders of Musculo-Skeletal System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies.
- Evidence based nursing practice and Rehabilitation and follow-up.

#### **Management of patients with disorders of Integumentary System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies.
- Evidence based nursing practice. Rehabilitation and follow-up.

#### **Unit XIII -Management of patients with disorders of Eye and ENT:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends, Nursing management, related research studies. Evidence based nursing practice. Rehabilitation and follow-up.

#### **Management of patients with Disorders of Reproductive System:**

- Review of anatomy and physiology.
- Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends, Nursing management, related research studies.
- Evidence based nursing practice. Rehabilitation and follow-up.

**Geriatric Nursing:**

- Nursing Assessment – History and Physical assessment.
- Ageing: Demography; Myths and realities, Concepts and theories of ageing, Cognitive Aspects of Ageing, Normal biological ageing, Age related body systems changes, Psychosocial Aspects of Ageing, Medications and elderly, Stress & coping in older adults.
- Common Health Problems & Nursing Management; Psychosocial and Sexual, Abuse of elderly.
- Role of nurse for care of elderly; ambulation, nutritional, communicational, psychosocial and spiritual.
- Role of nurse for care givers of elderly, Role of family and formal and non formal caregivers.
- Use of aids and prosthesis (hearing aids, dentures),
- Provisions and Programmes for elderly; privileges, Community Programs and health services; Home and institutional care.
- Legal & Ethical Issues, Issues, problems and trends.

**Management of patients with communicable and Sexually Transmitted Diseases:**

- Review of immune system, Disorders of immune system – HIV / AIDS. Review of infectious disease process.
- Communicable diseases-etiology, Pathophysiology, Clinical manifestations complications, prognosis
- Health assessment-History taking physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends. Nursing management. Related research studies. Evidence based nursing practice.
- Rehabilitation and follow-up.

**Emergency, Trauma and Multi-System Organ Failure:**

- DIC (disseminated intravascular coagulation), Trauma burns, poisoning.
- Etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and Diagnostic assessment.
- Treatment modalities and trends, Nursing management, related research studies.
- Evidence based nursing practice. Rehabilitation and follow-up.

**Suggested Reading Material:**

- Text book of Medical Surgical Nursing –Brunner and Suddarth
- Medical Surgical Nursing –Clinical Positive outcome-Joyce and Black
- Medical Surgical Assessment and Management of clinical problems –Lewis, Colliner
- Medical Surgical Nursing –A Psychopathologic Approach –Luckmann and Sorensen
- Medical Surgical Nursing –A Nursing process Approach
- Medical Surgical nursing –B.T.Basvanthappa