

# **IMPORTANT TOPICS UNDER MEDICAL SURGICAL NURSING I**

## **1. INTRODUCTION**

- 1) Hyponatremia
- 2) Post operative complications
- 3) Wound healing
- 4) Pre and post op care for general surgery
- 5) Hemorrhage
- 6) Inflammation
- 7) Principles of ICU
- 8) Post operative nursing care
- 9) ICU
- 10) Post operative complications
- 11) Post operative nursing care
- 12) Pre and post op care for general surgery
- 13) Wound healin
- 14) CPR
- 15) Role of ICU Nurse

## **2. COMMON SIGNS AND SYMPTOMS AND MANAGEMENT**

- 1) Pain
- 2) Shock
- 3) Hypovolemic Shock
- 4) Fluid and Electolyte imbalance
- 5) Anaphylatic shock- Drug therapy
- 6) Geriartric care
- 7) Unconciuousness
- 8) Hyponatremia
- 9) Snake bite
- 10) Hypovolemic Shock
- 11) Constipation
- 12) Hemorrhage
- 13) Shock- Define, causes, Nursing management
- 14) Edema

## **3. RESPIRATORY PROBLEMS**

- 1) DOTs Therapy
- 2) Bronchiectasis
- 3) Metered dose inhaler in Asthma
- 4) Pulmonary Tuberculosis
- 5) Tracheotomy care
- 6) Care of patient on endotracheal tube
- 7) Chest physiotherapy
- 8) Bronchial asthma- Pathophysiology
- 9) Thromboplebitis

10) Tuberculin test Pneumonia

11) Atelectasis

12) Emphysema

13) Empyema

#### **4. DIGESTIVE SYSTEMS**

1) Duodenal and Gastric ulcer

2) Cholecystitis

3) Peptic ulcer-causes

4) hiatus hernia

5) Ascitis- Pathophysiology Intestinal obstruction-Causes,C/F,Pre and Post operative Nursing Mx, Laprotomy

6) Cholelithiasis- types, cholecystectomy, Mx

7) Peritonitis- duodenal perforation, signs and symptoms, Medical and surgical Mx

8) Liver Cirrhosis- etiology,C/F,Nursing Mx

#### **5. BLOOD AND CARDIO VASCULAR PROBLEMS**

1) Digoxin

2) Classification of Hypertension

3) Classification of congenital heart disease

4) Blood transfusion

5) Hemorrhage

6) Raynaud's disease

7) Aneurysm and peripheral vascular disorder

8) Cardio pulmonary Resuscitation (CPR)

9) phlebotomy procedure

10) organ donation

11) Cardiovascular Risk factors

12) Anticoagulant medication- education for patient

13) Leukemia-Nursing care

14) Deep Vein Thrombosis(DVT)

15) Digitalis Therapy

16) Pacemaker

17) Defibrillator

18) Angiography

19) Diet in Cardiac disorders

20) Diet in Anaemia

21) Peripheral vascular disease- common clinical features

22) Complications of IV therapy

23) CCF

24) MI-Risk factors, Pathophysiology,CABG, C/F, PTCA

25) Angina Pectoris- Definition, Etiology, C/F, Nursing Mx

26) Anaemia- Classification,C/F, Mx

27) Leukemia- Etiology, Medical Mx, Nursing Mx

#### **6. GENTIO-URINARY PROBLEMS**

1) Hemodialysis and peritoneal dialysis

2) Nephrotic syndrome

- 3) Acute renal failure (ARF)
- 4) Chronic renal failure (CRF)
- 5) End stage renal disease
- 6) BPH
- 7) Renal calculus
- 8) TURP
- 9) Diet for CRF

## **7. REPRODUCTIVE SYSTEM**

- 1) Infertility
- 2) Contraception

## **8. ENDOCRINE SYSTEMS**

- 1) DM & DI
- 2) Goiter
- 3) Foot care in DM
- 4) Thyroid crisis
- 5) Thyroid Storm
- 6) Diabetic Foot care
- 7) Insulin therapy

## **9. INTEGUMENTARY SYSTEM**

- 1) Eczema
- 2) Dermatitis
- 3) Psoriasis
- 4) Scabies
- 5) Acne Vulgaris

## **10. MUSCULOSKELETAL SYSTEM**

- 1) Nursing care of patient with skin traction
- 2) X-ray care
- 3) Bone Marrow Aspiration
- 4) Paget's disease
- 5) Fracture- Definition, Classification, Medical And Nursing Mx
- 6) Care after Amputation Head Injury- Types, Nursing Mx
- 7) Osteoarthritis- C/F, Health teaching, Nursing Mx
- 8) Amputation- Definition, Indications, Health teaching, Nursing care plan

## **11. IMMUNOLOGICAL SYSTEM**

- 1) Role of nurse Counseling
- 2) Immunity
- 3) Acquired immunodeficiency syndrome (AIDS)
- 4) Infection control program
- 5) Standard Safety Precautions
- 6) Immunodeficiency disorder

## **12. COMMUNICABLE DISEASE**

- 1) Dengue fever types
- 2) Treatment regimen in Leprosy

- 3) Opportunistic infections in AIDS
- 4) Tetanus
- 5) Chicken pox
- 6) Swine Flu
- 7) Lab investigation in HIV
- 8) Meningitis-Causes, Signs and symptoms, Mx
- 9) Dengue fever-types, Mx, nsg care
- 10) Swine Flu-Causes, Prevention, Nursing Mx
- 11) AIDS- Mode of transmission, precautions, Nursing Mx Asthma- Pathophysiology, C/F, Mx, Discharge teaching
- 12) TB-Definition, Pathophysiology, pharmacological Mx, Nursing Car
- 13) COPD- C/F, Mx, Nursing Mx
- 14) Pulmonary TB- Causes, Signs and Symptoms, Nursing Mx

### **13. PREOPERATIVE NURSING CARE**

- 1) Suture and suture material
- 2) Biomedical waste management
- 3) Standard safety precautions
- 4) Therapeutic environment in OT
- 5) Infection control measures in OT
- 6) Surgical Asepsis
- 7) Universal precautions
- 8) Fumigation of OT
- 9) Complications of General Anaesthesia
- 10) Duties and responsibilities of nurse in OT
- 11) Anesthesia

**“In order to succeed first we must believe that we can”**