

NURSING 123 CONTENT

UNIT I: GENERAL INTRODUCTION

1. Definition of Concept
2. Interaction with Human Response Theory
3. Implementation through use of Nursing Process
4. Utilization of ADN Roles
5. Discussion of General Protocol

UNIT II: Physical Integrity

1. Skin and mucous membrane integrity
 - 1.1 Personal hygiene (CNA review)
 - 1.2 Pressure devices
 - 1.3 Therapeutic beds
 - 1.4 Moving
 - Range of motion
 - Positioning
2. Heat and cold therapy - **NSG 122**
 - 2.1 Moist heat
 - 2.2 Warm dry heat:
 - Heat packs
 - Aquathermic pad
 - 2.3 Cold applications:
 - Tepid bath
 - Ice
 - Cold packs
3. Wound Care and dressings - **NSG 122**
 - 3.1 Asepsis, sterile technique.
 - 3.2 Sterile dressing change:
 - Wound without drain
 - Wound with drain
 - Wet-to-dry
 - Transparent
 - Hydrocolloid
 - Central Line
 - 3.3 Binders, wraps
 - 3.4 Removal of sutures and staples
 - 3.5 Wound irrigations

UNIT III: Nutrition - NSG 122

1. Gavage, Decompression, Lavage
 - 1.1 NG tube insertion:
 - Levine
 - Salem sump
 - Small bore feeding tube
 - 1.2 Decompression
 - 1.3 Gavage:
 - Intermittent bolus
 - Pump
 - Continuous
 - 1.4 Lavage
2. Blood glucose testing

UNIT IV: Elimination

1. Urinary elimination - **NSG 223**
 - 1.1 Intake and output
 - 1.2 Specimen collection
 - Clean catch, midstream
 - 24 hour
 - 1.3 Catheterization
 - Insertion of catheter:
 - retention
 - straight
 - Application of external catheter
 - leg bag
 - Catheter care:
 - retention
 - external
 - suprapubic
 - Collecting a specimen
 - Removal of catheter
 - 1.4 Bladder irrigation and instillation
 - Opening closed system
 - Continuous
 - 1.5 Urinary diversion
 - Ostomy care
2. Bowel elimination - **NSG 220**
 - 2.1 Evacuation
 - Rectal tube
 - Impaction
 - Enema:
 - disposable
 - retention
 - 2.2 Colostomy
 - Care
 - Irrigation
 - 2.3 Specimen Collection

UNIT V: Oxygenation - NSG 222

1. Cough, deep breath, incentive spirometer
2. Oxygen Therapy
 - 2.1 Cannula
 - 2.2 Masks
 - 2.3 Pulse oximetry
3. Suctioning
 - 3.1 Nasopharyngeal
 - 3.2 Tracheal
4. Tracheostomy care
5. Water seal drainage systems

UNIT VI: Circulation - NSG 121

1. Vital signs (CNA review)
 - 1.1 Temperature
 - Oral, rectal, axillary, ear, skin
 - Electronic, glass
 - 1.2 Pulse
 - Apical
 - Peripheral
 - Use of Doppler stethoscope
 - 1.3 Respirations
 - 1.4 Blood pressure
 - Auscultation
 - Palpation
 - Continuous noninvasive monitoring device
2. Circulatory maintenance - **NSG 222**
 - 2.1 Applying elastic hosiery
 - 2.2 Applying Sequential Compression Devices
3. Fluid volume- Intravenous therapy - **NSG 224**
 - 3.1 Preparation of system
 - 3.2 Venipuncture
 - Wing-tipped needle
 - Over the needle catheter
 - 3.3 Management
 - Regulating IV flow rate:
 - gravity
 - pump
 - Managing IV site
 - Discontinuing IV
 - 3.4 Maintenance of vascular access
 - Peripheral saline lock
 - Central saline lock
 - Vascular access devices:
 - Hickman, Broviac, Groshong, Implanted infusion ports
 - PICC lines
 - 3.5 Phlebotomy . - **NSG 223**

UNIT VII: Medication Administration - NSG 220

1. Principles of administration
2. Enteral medications
 - 2.1 Oral
 - 2.2 NG/G-tube
3. Topical
 - 3.1 Skin
 - 3.2 Oral mucous membranes
 - Sublingual
 - 3.3 Eye
 - 3.4 Ear
 - 3.5 Respiratory
 - Nose drops
 - Metered dose inhalers
 - Hand-held nebulizer
 - 3.6 Rectal
 - 3.7 Vaginal
4. Parenteral
 - 4.1 Injections
 - Intradermal
 - Subcutaneous:
 - insulin
 - heparin - **NSG 222** (*heparin only*)
 - Intramuscular
 - z-track
 - 4.2 Intravenous
 - Piggyback (IVPB)
 - saline lock, Y-site
 - gravity, syringe pump, IV pump
 - Push (IVP) - **NSG 222**
 - saline lock, Y-site
 - PCA pump