

Nursing Skills Lab (M23-199D)

This lab is designed to train students in basic clinical skills to prepare them for clinical practice and in skills for nursing care of adult/elderly clients in acute care settings. Also this lab is used to train students on the principles and skills of comprehensive health assessment of individuals.

- Equipment and instruments:

Nursing skills mannequins, Multimedia items on History Taking and Performing Head to Toe Examination

- Experiments, Skills and Procedures:

Interviewing for health history - Physical assessment techniques (inspection, percussion, palpation, auscultation) - Physical examination (skin, hair, nails, chest and lung, heart, abdomen, nervous system, circulatory system), Vital signs - Body mechanics - Medical and surgical asepsis - Wound and drain care - Preparing (drawing a medication from a vial or ampoule) and administering medications (oral, topical, inhaler, intradermal, subcutaneous, intramuscular and intravenous routes).

- Tests and services:

Assessment of Vital Signs (body temperature and blood pressure) - Positioning, moving and transferring clients - Monitoring of blood glucose level using glucometer - Wound Care (sterile dressing techniques, suture and staple care and removal and drain care and removal) – Screening Activities

Fundamentals Of Nursing/Adult Health Nursing Skills Lab (M23-159) Introduction

This lab is designed to train students in basic clinical skills to prepare them for clinical practice and in skills for nursing care of adult/elderly clients in acute care settings..

Equipment and instruments

- Nursing skills mannequins
- Models: breast models
- Tools and machines: sphygmomanometers, stethoscopes, thermometers, pulse oximeter s, transfer boards, crutches.
- Multimedia Items on Documentation, Hospitals Infection Control, Hand

Washing, Wound Healing, Body Mechanics, etc.

- Models: wounds, drains, urinary catheterization and enema administration.
- Machines: intravenous fluid administration pumps

Experiments, skills and procedures

- Vital signs
- Body mechanics
- Hand washing
- Enteral feeding (nasogastric, gastrostomy or jejunostomy)
- Ostomy care (urinary and bowel diversions)
- Medical and surgical asepsis
- Wound and drain care
- Preparing (drawing a medication from a vial or ampoule) and administering medications (oral, topical, inhaler, intradermal, subcutaneous, intramuscular and intravenous routes)
- Oxygen therapy

Tests and services

- Assessment of Vital Signs (body temperature and blood pressure)
- Positioning, moving and transferring clients
- Nasogastric tube (insertion and feeding)
- Ostomy care (urinary and bowel diversions)
- Urinary catheter care
- Monitoring of blood glucose level using glucometer
- Wound Care (sterile dressing techniques, suture and staple care and removal and drain care and removal)

Maternity and Newborn Health Nursing / Pediatric Health Nursing Skills Lab (M23-158)

Introduction

This lab is used to train students on clinical skills that prepare them for the care of pregnant women during antenatal, labor, and postnatal periods, together with rendering care to new born babies in the clinical setting. It is also used to train students in clinical skills that prepare them for the care of children and their families in clinical settings.

Equipment and instruments

- Maternal and Childbirth Simulators
- Models: breast milk expression, baby care, pelvic examination, etc.
- Tools: neonatal sphygmomanometers, thermometers and vaginal speculum
- Multimedia Items on assessment of pregnant and postpartum client, stages of labor, infant care, etc.
- Pediatric Nursing Skills Mannequins• Machines: electronic weight and height scales
- Multimedia Items: Psychosocial Care of Children and Pediatric Medication Administration

Experiments, skills and procedures

- Computing date of delivery, fundus height measurement, fetal presentation and lie identification and nutritional needs
- Assisting with labor and delivery
- Cardiotocography and Fetal Doppler
- Breast feeding and lactation
- Neonatal height, weight, head circumference, chest circumference and growth and development
- Neonate bathing and cord care
- Physical Examination of children: height, weight, head circumference, chest circumference, growth and development
- Pediatric medication administration (oral, otic, nasal, ophthalmic, intradermal and intramuscular injections)

Tests and services

- Computing Expected Date of Delivery
- Educating on antenatal, intranatal and postnatal exercises
- Assessment of neonatal vital signs
- Preparation and administration of neonatal medications (intradermal and intramuscular)
- Urine test (albumin, sugar, ketones and pH)
- Assessment of vital signs for children (body temperature and blood pressure)
- Screening activities (growth and development)

Physical Assessment/Critical Care Nursing Skills Lab (M23-161)

Introduction

This lab is used to train students on the principles and skills of comprehensive health assessment of individuals. It is also used to train students on advanced clinical skills that prepare them for the care of critically-ill adults, and elderly clients in critical care settings.

Equipment and Instruments

- Lung and Heart Sounds Auscultation Trainer Simulator
- Torso, Skull, and Joint teaching models
- Ophthalmoscopes, otoscopes, tuning forks tools
- Multimedia items on History Taking and Performing Head to Toe Examination
- Advanced Life Support Simulator
- Venipuncture arms
- Suction machines

Experiments, skills and procedures

- Interviewing for health history
- Physical assessment techniques (inspection, percussion, palpation, auscultation)
- Physical examination (skin, hair, nails, chest and lung, heart, abdomen, nervous system, circulatory system)

- Endotracheal and nasopharyngeal suctioning
- Ostomy Care (Tracheostomy)
- Electro Cardiogram (ECG) Monitoring
- Interpreting an ECG Strip (Identifying dysrhythmias arising from the SA Node, Atria, Ventricles, and AV block)

Tests and services

- Heart and Lung Auscultation
- Chest Anatomical Landmarks.
- Ostomy Care (Tracheostomy)