

Major Topics to Be Included:

- a. Gas exchange
 - Airway management
 - Arterial blood gases
 - Health promotion and maintenance with respiratory issues
 - Medication and other prescriptions or treatment modalities

Exemplars: Chronic obstructive pulmonary disease (COPD), asthma
Level: Introduce
- b. Glucose regulation
 - Diabetes across the lifespan
 - Potential complication of diabetes
 - Nutrition and diabetes
 - Medication and other prescriptions or treatment modalities

Exemplars: Juvenile diabetes, Type I diabetes, Type 2 diabetes
Level: Introduce
- c. Fluid and electrolyte balance
 - Fluid volume excess
 - Fluid volume deficit
 - Electrolyte imbalance
 - Medication and other prescriptions or treatment modalities

Exemplars: Hypokalemia, dehydration, diuretic therapy, hyperventilation, renal failure
Level: Introduce
- d. Mobility
 - Normal assessment data across the lifespan
 - Mobility assessment and care planning
 - Medication and other prescriptions or treatment modalities

Exemplars: Arthritis, fractures
Level: Introduce
- e. Perfusion
 - Normal assessment data across the lifespan
 - Assessment and care planning
 - Fetal assessment data
 - Medication and other prescriptions or treatment modalities

Exemplars: Hypertension, congestive heart failure
Level: Introduce
- f. Sensory perception
 - Normal assessment data across the lifespan
 - Hearing impairment
 - Visual impairment
 - Assessment and care planning

Exemplars: Hearing loss, blindness, cataracts, macular degeneration
Level: Introduce

- g. Thermo-regulation
 - Hypothermia
 - Hyperthermia
 - Environmental versus disease causes of thermo-regulation issues
 - Assessment and care planning
 - Medications and other prescriptions or treatment modalities
 - Exemplars: Fever, frostbite, hyperthyroidism, heat stroke
 - Level: Introduce
- h. Tissue integrity
 - Normal assessment data across the lifespan
 - Nutrition to support tissue integrity
 - Skin assessment and care planning
 - Medication and other prescriptions or treatment modalities
 - Exemplars: Surgical incision, decubitus ulcer, lacerations, burns
 - Level: Introduce
- i. Patient education
 - Health promotion and maintenance
 - Collaboration with planning and implementing patient education
 - Exemplars: Reinforcing patient teaching evaluating patient teaching
 - Level: Introduce

Campus lab concept:

- a. Gas exchange
 - Airway assessment and management
 - Level: Reinforce
- b. Glucose regulation
 - Diabetes assessment and management
 - Insulin administration
 - Level: Reinforce
- c. Fluid and electrolyte balance
 - Intravenous fluid administration
 - Level: Introduce
- d. Mobility
 - Use of assistive devices
 - Level: Reinforce
- e. Tissue integrity
 - Wound care and dressing changes
 - Level: Introduce

Date Created/Updated (Month, Day, and Year): October 9, 2018