

Simulation in Nursing Education – Pharmacology Scenarios

2016 NCLEX-RN Test Plan Category Indicator

Junetta Cooper – Management of Nitroglycerin Administration for the Treatment of Angina Pectoris

Toua Xiong – Managing Inhalation Medication for a Patient with COPD

Danielle Young Bear – Managing Pain Medication for Chronic Low Back Pain

Yoa Li – Management of Morphine Overdose in a Hospitalized Patient

Mary Richards – Management of Digoxin Toxicity in Patient with Heart Failure

Harry Hadley – Managing IV Antibiotic Therapy in Hospitalized Patient with Reduced Renal Function

Jermaine Jones – Managing Adverse Effects of Antidepressants, Anxiolytics and Alcohol

Suzanne Morris – Management of Gastrointestinal Infection due to Adverse Effect of Peptic Ulcer Treatment

Juan Carlos – Treatment of Hypoglycemia in a Hospitalized Patient with Type II Diabetes

Rachael Heidebrink – Anticoagulation Bridge Therapy for Patient with a Pulmonary Embolism

Safe and Effective Care Environment

Management of Care

| | | | | | | | | | | |
|---|---|---|---|---|---|--|---|--|---|---|
| Advance Directives/Self-Determination/Life Planning | | | | | | | | | | |
| Advocacy | | | • | • | | | | | | |
| Assignment, Delegation and Supervision | • | | | | | | | | • | |
| Case Management | | | | | | | • | | | |
| Client Rights | | | | | | | | | | |
| Collaboration with Interdisciplinary Team | | | | | | | | | | • |
| Concepts of Management | | | | | | | • | | | |
| Confidentiality/Information Security | | | | | | | | | | |
| Continuity of Care | • | • | | | | | | | • | |
| Establishing Priorities | • | | • | • | • | | | | | • |
| Ethical Practice | | | | | | | | | | |
| Informed Consent | | | | | | | | | | |
| Information Technology | | | | | | | | | | |
| Legal Rights and Responsibilities | | | | | | | | | | |
| Organ Donation | | | | | | | | | | |
| Performance Improvement (Quality Improvement) | | | | | | | | | | |
| Referrals | | | | | | | | | | |

Safety and Infection Control

| | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|
| Accident/Error/Injury Prevention | • | | • | • | • | • | • | | | • |
| Emergency Response Plan | | | | | | | | | | |
| Ergonomic Principles | | | | | | | | | | |
| Handling Hazardous and Infectious Materials | | | | | | | | | | |
| Home Safety | | | • | | | | | | | |
| Reporting of Incident/Event/Irregular Occurrence/Variance | • | | | • | | | | | • | |
| Safe Use of Equipment | | • | | | | | | | | • |
| Security Plan | | | | | | | | | | |
| Standard Precautions/Transmission-Based Precautions/Surgical Asepsis | | | • | • | • | • | | • | • | • |
| Use of Restraints/Safety Devices | | | | | | | | | | |

Health Promotion and Maintenance

| | | | | | | | | | | |
|--|---|---|---|---|---|--|---|--|---|---|
| Aging Process | | | | | | | • | | | |
| Ante/Intra/Postpartum and Newborn Care | | | | | | | | | | |
| Developmental Stages and Transitions | | | | | | | | | | |
| Health Promotion/Disease Prevention | • | • | | | | | • | | • | |
| Health Screening | | | | | | | | | | |
| High Risk Behaviors | | | | | | | | | | |
| Lifestyle Choices | | | • | | | | | | • | |
| Self-Care | | • | • | | | | • | | | |
| Techniques of Physical Assessment | • | • | • | • | • | | | | | • |

Psychosocial Integrity

| | | | | | | | | | | |
|--|--|--|---|--|--|--|---|--|--|--|
| Abuse/Neglect | | | | | | | | | | |
| Behavioral Interventions | | | | | | | | | | |
| Chemical and Other Dependencies/Substance Use Disorder | | | | | | | • | | | |
| Coping Mechanisms | | | • | | | | • | | | |
| Crisis Intervention | | | | | | | • | | | |
| Cultural Awareness/Cultural Influences on Health | | | | | | | | | | |



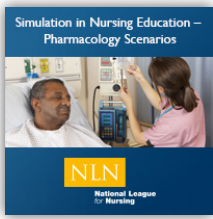
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Psychosocial Integrity – Continued

| | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|
| End of Life Care | | | | | | | | | | |
| Family Dynamics | | | | | | | | | | |
| Grief and Loss | | | | | | | • | | | |
| Mental Health Concepts | | | | | | | • | | | |
| Religious and Spiritual Influences on Health | | | | | | | | | | |
| Sensory/Perceptual Alterations | | | | | | | | | | |
| Stress Management | | | • | | | | | | | |
| Support Systems | | | • | | | | | | | |
| Therapeutic Communication | • | • | • | • | • | • | • | • | • | • |
| Therapeutic Environment | • | | | | | | | | | |

Physiological Integrity

Basic Care and Comfort

| | | | | | | | | | | |
|---|--|--|---|---|--|--|--|---|--|---|
| Assistive Devices | | | | | | | | | | |
| Elimination | | | | | | | | | | |
| Mobility/Immobility | | | | | | | | | | |
| Non-Pharmacological Comfort Interventions | | | • | • | | | | | | |
| Nutrition and Oral Hydration | | | | | | | | • | | |
| Personal Hygiene | | | | | | | | | | |
| Rest and Sleep | | | | | | | | | | • |

Pharmacological and Parenteral Therapies

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Adverse Effects/Contraindications/Side Effects/Interactions | • | • | • | • | • | • | • | • | • | • |
| Blood and Blood Products | | | | | | | | | | |
| Central Venous Access Devices | | | | | | | | | | |
| Dosage Calculation | • | | • | • | • | • | | | | • |
| Expected Actions/Outcomes | • | • | • | • | • | • | | • | • | • |
| Medication Administration | • | • | • | • | • | • | | • | • | • |
| Parenteral/Intravenous Therapies | | | | • | • | • | | • | | • |
| Pharmacological Pain Management | • | | • | • | | • | | | | • |
| Total Parenteral Nutrition | | | | | | | | | | |

Reduction of Risk Potential

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Changes/Abnormalities in Vital Signs | • | | | | • | • | • | | • | • |
| Diagnostic Tests | | | | | | | | | | |
| Laboratory Values | • | • | | | | • | • | • | • | • |
| Potential for Alterations in Body Systems | | | • | | | | • | • | • | |
| Potential for Complications of Diagnostic Tests/Treatments/Procedures | | | • | | | • | • | | • | • |
| Potential for Complications from Surgical Procedures and Health Alterations | | | | | • | | | | | |
| System Specific Assessments | • | • | • | • | • | • | | • | • | • |
| Therapeutic Procedures | | | | | | | • | | • | |

Physiological Adaptation

| | | | | | | | | | | |
|----------------------------------|---|---|--|--|---|---|---|---|---|---|
| Alterations in Body Systems | • | | | | • | • | • | | | • |
| Fluid and Electrolyte Imbalances | | | | | | • | | • | | |
| Hemodynamics | • | | | | | | | | | • |
| Illness Management | • | • | | | • | | • | | | |
| Medical Emergencies | | | | | • | | | | • | |
| Pathophysiology | • | | | | | | • | | | |
| Unexpected Response to Therapies | | • | | | • | | | • | • | |



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