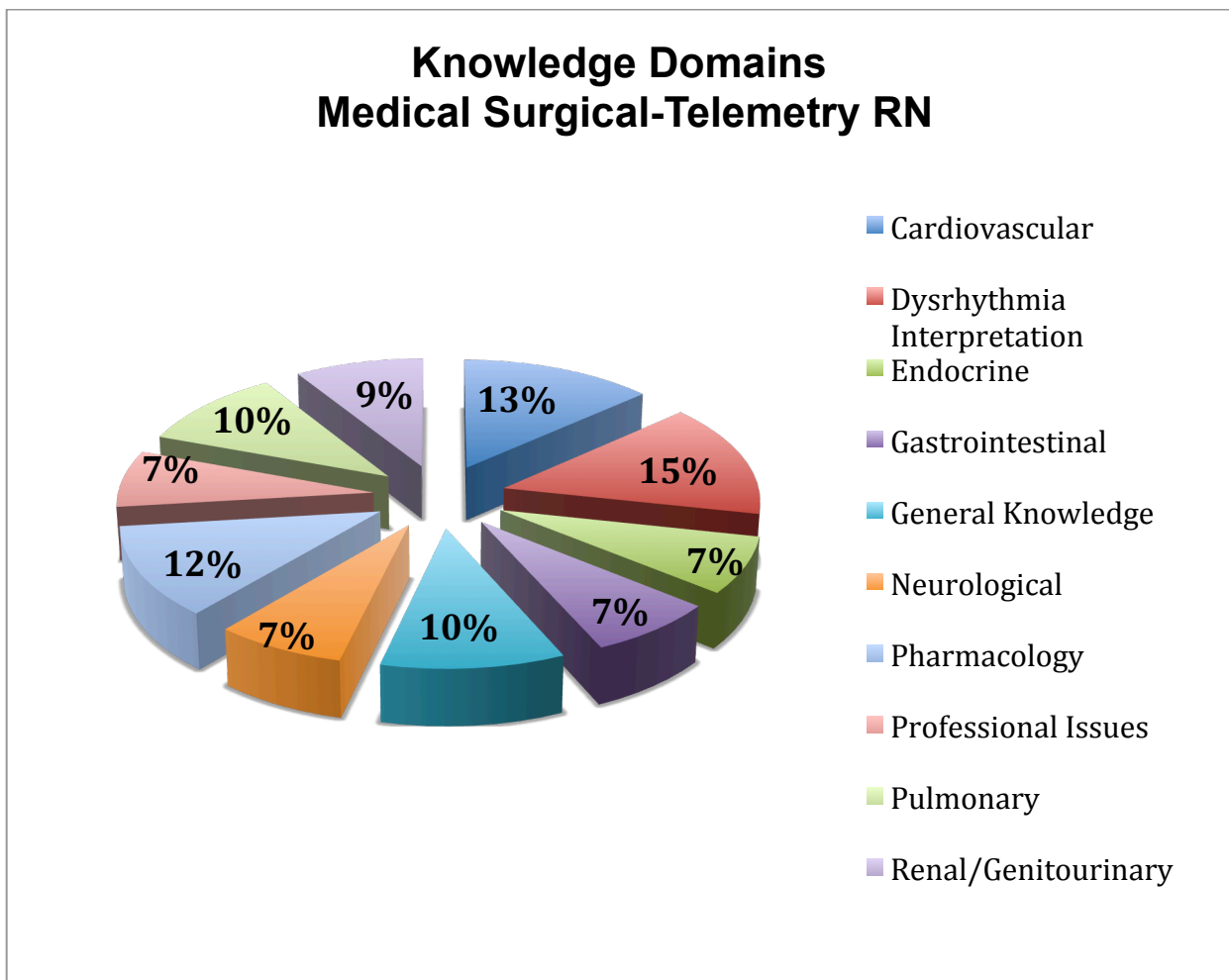


## Medical Surgical-Telemetry Exam Content Outline

**Exam Objective: To measure the overall clinical knowledge of the Registered Nurse in the Medical Surgical-Telemetry setting.**



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## **I. Cardiovascular**

- A. Knowledge of dietary education related cardiac disease process.**
- B. Knowledge of how to recognize changes in ECG and appropriate interventions.**
- C. Knowledge of pathophysiology of common cardiac disease processes, including discharge teaching.**
- D. Knowledge of appropriate procedures for obtaining vital signs and blood specimens related to patient history and status.**
- E. Knowledge of common cardiac medications used in the medical surgical setting, including:
  - 1. Appropriate assessments prior to administering medications**
  - 2. Indications**
  - 3. Side effects****
- F. Knowledge of contraindications for anticoagulant medication therapy.**
- G. Knowledge of protocols and when to initiate treatment for emergency situations.**
- H. Knowledge of treatment protocols for myocardial infarction.**

## **II. Dysrhythmia Interpretation**

- A. Sinus Rhythms
  - 1. Normal Sinus Rhythm**
  - 2. Sinus Bradycardia**
  - 3. Sinus Tachycardia****
- B. Atrial Rhythms
  - 1. Atrial Flutter**
  - 2. Atrial Fibrillation**
  - 3. Premature Atrial Contractions****

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**C. Ventricular Rhythms**

- 1. Premature Ventricular Contractions**
- 2. Ventricular Fibrillation**
- 3. Ventricular Tachycardia**
- 4. Asystole**

**D. Paced Rhythms**

**E. Determining heart rate**

**III. Endocrine**

**A. Knowledge of pathophysiology, assessment findings, and treatment protocols for common endocrine disease processes:**

- 1. Diabetes**
- 2. Electrolyte imbalances**
- 3. Hypoglycemia**
- 4. Pancreatitis**

**B. Knowledge of contraindications related to antidiabetic medications.**

**C. Knowledge of diabetic education for:**

- 1. Dietary considerations**
- 2. Insulin requirements related to secondary diseases processes**

**D. Knowledge of treatment of care and post-operative complications of common endocrine surgical procedures:**

- 1. Parathyroidectomy**
- 2. Subtotal thyroidectomy**

**IV. Gastrointestinal**

**A. Knowledge of common gastrointestinal post-operative complications.**

**B. Knowledge of treatment of care for Jackson-Pratt (JP) drains.**

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- C. Knowledge of pathophysiology, assessment findings, and treatment protocols for common gastrointestinal disease processes:**
  - 1. Upper GI bleed**
  - 2. Lower GI bleed**
  - 3. Gastric ulcers**
  - 4. Diarrhea**
  - 5. Diverticulitis**
- D. Knowledge of normal and abnormal lab values related to gastrointestinal disease processes.**
- V. General Knowledge**
  - A. Knowledge of principles of TB skin testing.**
  - B. Knowledge of treatment and monitoring of patient on PCA pump, including reversal agents.**
  - C. Knowledge of principles of isolation precautions:**
    - 1. Proper hand hygiene protocols**
    - 2. Personal Protective Equipment (PPE)**
  - D. Knowledge of dietary education for celiac disease.**
  - E. Knowledge of normal and abnormal lab values for common laboratory tests.**
  - F. Knowledge of blood and blood products administration including adverse reactions.**
  - G. Knowledge of calculating intake and output.**
  - H. Knowledge of principles of assessment for a patient with restraints.**
  - I. Knowledge of signs and symptoms of suicidal ideations.**
  - J. Knowledge of caring for non-ambulatory patient.**
  - K. Knowledge of appropriate procedures for obtaining vital signs and blood specimens related to patient history and status.**

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## **VI. Neurological**

### **A. Knowledge of treatment protocols for:**

- 1. Seizures**
- 2. Falls**
- 3. Hemorrhagic CVA**

### **B. Knowledge of assessment findings for neurological conditions:**

- 1. Increased intracranial pressure**
- 2. Increased sodium levels**
- 3. Stroke**

### **C. Knowledge of dietary considerations for dysphagia.**

### **D. Knowledge of principles of Glasgow Coma scale.**

## **VII. Pharmacology**

### **A. Knowledge of parenteral dosage calculations.**

### **B. Knowledge of medication administration principles:**

- 1. Drug classifications and indications**
- 2. Patient education**
- 3. Dietary considerations/contraindications**
- 4. Toxicity**
- 5. Baseline vital signs**
- 6. Subcutaneous injection sites**

### **C. Knowledge of side effects of tuberculosis medications.**

### **D. Knowledge of medication contraindications based on patient status.**

### **E. Knowledge of anticoagulant antidote medication administration.**

### **F. Knowledge of narcotic reversal agent medication administration.**

### **G. Knowledge of how to monitor for adverse side effects.**

### **H. Knowledge of medication contraindications related to known drug allergies.**

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## **VIII. Professional Issues**

- A. Knowledge of principles and protocols for advance directives.**
- B. Knowledge of protocols for suspected coworker substance abuse.**
- C. Knowledge of principles of cultural diversity and protocols for communicating with non-English speaking patients.**
- D. Knowledge of principles of patient privacy and HIPAA guidelines.**
- E. Knowledge of appropriate procedures for wasting narcotics.**
- F. Knowledge of prioritizing patient assessments.**
- G. Knowledge of principles for obtaining informed consents.**

## **IX. Pulmonary**

- A. Knowledge of performing comprehensive pulmonary assessment.**
- B. Knowledge of normal and abnormal pulmonary assessment findings.**
- C. Knowledge of arterial blood gas (ABG) interpretation.**
- D. Knowledge of pathophysiology and appropriate treatment interventions of common pulmonary conditions:**
  - 1. Acute respiratory distress**
  - 2. COPD**
  - 3. Pulmonary embolism**
  - 4. Pneumothorax**
- E. Knowledge of oxygen therapy and delivery systems, including patient and family education related to therapy.**
- F. Knowledge of procedures for care of chest tubes.**

## **X. Renal/Genitourinary**

- A. Knowledge of placement and management of indwelling urinary catheters.**
- B. Knowledge of tests and procedures for common renal and genitourinary conditions.**

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- C. Knowledge of pathophysiology and treatment of care of common renal and genitourinary conditions:**
  - 1. Acute kidney injury**
  - 2. Kidney stones**
  - 3. Renal failure**
  - 4. Urinary tract infection**
- D. Knowledge of principles of dialysis.**
- E. Knowledge of treatment of care post common renal/genitourinary surgical procedures.**

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