

N444 Concept Synthesis  
Proctored ATI Remediation Template

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Assessment Name: Comprehensive predictor remediation  
Semester: Fall 2022

Instructions:

1. Download the report from your ATI product for the assessment you are completing this remediation template for
2. Determine your three (3) **weakest or lowest scoring** main categories as these are the areas you will be remediating on in the chart below. These categories mimic the NCLEX-RN categories and include the following:
  - a. Management of Care
  - b. Safety and Infection Control
  - c. Health Promotion and Maintenance
  - d. Psychosocial Integrity
  - e. Basic Care and Comfort
  - f. Pharmacological and Parenteral Therapies
  - g. Reduction of Risk Potential
  - h. Physiological Adaptation
3. Complete the template on the following page by doing the following:
  - a. Main Category #1, 2, and 3
    - i. Subcategories for each main category
      1. Topics for each subcategory → these will be the content areas you will be remediating on
        - a. Provide three (3) critical points to remember for each topic → these will come from the Focused Review module(s) within your ATI product
      - b. **NOTE: You must remediate on all subcategories and topics within the three (3) main categories you are completing the remediation for.**
4. In the event you need additional space within the table, please add columns into the table to accommodate this
5. In the event, you need less space within the table than what is provided, you may delete those columns from the table to accommodate this OR put “N/A”
6. An example is provided below:

<b>SAMPLE Main Category: Management of Care</b>
<b>SAMPLE Subcategory: Case Management</b>
<b>SAMPLE Topic: Anemias: Discharge Teaching for a Client Who is Recovering from Sickle Cell Crisis</b> <ul style="list-style-type: none"><li>• SAMPLE Critical Point #1: Anemia is the abnormally low amount of circulation RB, Hgb concentration, or both.</li><li>• SAMPLE Critical Point #2: When a patient is going through sickle crisis, the nurse should monitor oxygen saturation to determine a need for oxygen therapy.</li><li>• SAMPLE Critical Point #3: A patient should have their hemoglobin checking in 4 to 6 weeks to determine efficacy.</li></ul>

7. Once the template is completed and at least the minimum remediation time has been completed within the Focused Review module(s) in ATI, upload the template using the instructions provided by the Course Coordinator (dropbox, discussion post, etc.)

## Main Category #1: Management of Care

### Subcategory: Assignment, Delegation and Supervision

#### Topic: Managing Client Care: Organizing Workload to Manage Time Effectively

- Nurses must continuously set and reset priorities in order to meet the needs of multiple clients and to maintain client safety (Holman et al., 2019)
- Prioritize systemic before local also known as life before limb (Holman et al., 2019)
- In Maslow's hierarchy of needs the priority is airway, breathing, circulation, and potential for disability (Holman et al., 2019)

#### Topic: Managing Client Care: Planning to Follow Progressive Discipline

- When treating a client select interventions that maintain client safety while posing the least amount of restriction to client (Holman et al., 2019)
- Select interventions that are the least invasive such as bladder training before more invasive interventions (Holman et al., 2019)
- Use the nursing process of assess, diagnose, plan, implement, evaluate when treating clients (Holman et al., 2019)

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### Subcategory: Case Management

#### Topic: Coordinating Client Care: Planning Care for a Client Following a Stroke

- Give the food to eat on the side of the mouth not affected by the stroke (Holman et al., 2019)
- Assess the client's gag reflex (Holman et al., 2019)
- Assess the client's range of motion (Holman et al., 2019)

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### Subcategory: Collaboration with Interdisciplinary Team

#### Topic: Multiple Sclerosis: Priority Referral for a Client Who Has Amyotrophic Lateral Sclerosis

- Referral to occupational and physical therapy for home safety assessment (Holman et al., 2019)
- Speech and language referral for dysphagia and dysarthria (Holman et al., 2019)
- Provide community resources and respite services (Holman et al., 2019)

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### Subcategory: Confidentiality/Information Security

#### Topic: Professional Responsibilities: Addressing a Breach of Client Confidentiality

- Disclosure of client information to an unauthorized person can be liable for invasion of privacy (Holman et al., 2019)
- Clients have a right to read and obtain a copy of their medical records, and policy should follow the client's requests to read their medical records (Holman et al., 2019)
- Only healthcare team members directly responsible for the client's care are authorized to access client information (Holman et al., 2019)

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### Subcategory: Continuity of Care

#### Topic: Information Technology: Preparing Change of Shift Report

- Include significant objective information about the client's health problems (Holman et al., 2019)
- Include no gossip or opinion (Holman et al., 2019)
- Relay recent changes in medications, treatments, procedures, and the discharge plan (Holman et al., 2019)

**Topic: Information Technology: Using Correct Documentation**

- Subjective data are listed as direct quotes from the client's statement and supported by objective data (Holman et al., 2019)
- Objective data should include what the nurse sees, hears, feels, and smells without the use of inappropriate statements (Holman et al., 2019)
- All information collected is confidential and promotes client safety (Holman et al., 2019)

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**Subcategory: Information Technology**

**Topic: Factors Influencing Community Health: Developing a Plan to Improve Environmental Health**

- Identify environmental health risks and advocate for the improvement of environmental quality (Holman et al., 2019)
- Implement risk communication (Holman et al., 2019)
- Testing for lead-based pain in housing (Holman et al., 2019)

**Topic: Safe Medication Administration and Error Reduction: Identifying Electronic Databases for Research**

- Know the medication and side effects prior to administering medication (Holman et al., 2019)
- Ensure the right client, right medication, right route, right time, and right dose prior to administration (Holman et al., 2019)
- Check that no interactions or contraindications prior to administration (Holman et al., 2019)

**Topic: Safe Medication Administration and Error Reduction: Transcribing a Telephone Medication Prescription**

- Ensure that the prescription is complete and correct by reading the prescription to the provider (Holman et al., 2019)
- Enter the prescription in the medical record (Holman et al., 2019)
- The prescription includes the client's name, name of medication, dosage, time to give, frequency, and route (Holman et al., 2019)

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**Main Category #2: Safety and Infection Control**

**Subcategory: Emergency Response Plan**

**Topic: Emergency Preparedness: Disaster Preparedness**

- Disaster agencies include FEMA, CDC, U.S. Department of Homeland Security, American Red Cross, OEM, and the public health systems (Holman et al., 2019)

- Stress counseling and PTSD assessment are vital components after a disaster (Holman et al., 2019)
- Define the role of the nurses in first, second, or third-level triage (Holman et al., 2019)

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### Subcategory: Ergonomic Principles

#### Topic: Ergonomic Principles: Evaluation Lifting Techniques

- Alignment of the body keeps the center of gravity, reducing potential strain on the muscles (Holman et al., 2019)
- Always use mechanical lifts whenever possible to lift and transfer clients to prevent injury (Holman et al., 2019)
- Spread the feet for a broad base and bend the hips and knees when lifting (Holman et al., 2019)

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### Subcategory: Home Safety

#### Topic: Nursing Care and Discharge Teaching: Teaching About Newborn Safety

- The newborn must not be submerged in water until the umbilical cord has fallen off and the circumcision has healed (Holman et al., 2019)
- Set the water heater to 120.2F or less to prevent burns (Holman et al., 2019)
- Place newborns on the back when napping to prevent SIDS (Holman et al., 2019)

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### Subcategory: Reporting of Incident/Event/Irregular Occurrence/Variance

#### Topic: Safe Medication Administration and Error Reduction: Priority Action Following a Medication Error

- Notify the provider of a medication error and assess the client for adverse effects (Holman et al., 2019)
- Submit an incident report within twenty-four hours of the incident and do not include it in the medical record (Holman et al., 2019)
- An incident report must include the client's identification, time, place, account of events, and signature (Holman et al., 2019)

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### Subcategory: Standard Precautions/Transmission-Based Precautions/Surgical Asepsis

#### Topic: Infection Control: Identifying Need for Sterile Gloves

- Standard precautions include hand hygiene with alcohol-based sanitizer after contact with a client and ensuring hands are not visibly soiled (Holman et al., 2019)
- If care involves splashing or spraying, the nurse must don a mask, eye protection, and face shield (Holman et al., 2019)
- Measles, varicella, and tuberculosis require airborne precautions and a private room (Holman et al., 2019)

#### Topic: Professional Responsibilities: Recognizing Reportable Communicable Diseases

- A client diagnosed with a communicable disease is required to report to local and state health departments (Holman et al., 2019)

- Mandated reporting allows healthcare professionals to determine adequate medical treatment for the disease is available (Holman et al., 2019)
- A foodborne communicable disease reported by healthcare professionals is hepatitis A (Holman et al., 2019)

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### Main Category #3: Health Promotion and Maintenance

#### Subcategory: Ante/Intra/Postpartum and Newborn Care

##### Topic: Prenatal Care

- Prenatal visits are scheduled for weeks 16 through 28, every two weeks from 29 to 36 weeks, and weekly from 36 weeks until birth (Holman et al., 2019).
- The estimated date of birth is calculated based on the first day of the last period; subtract three months and add seven days (Holman et al., 2019).
- Fetal assessments are done during prenatal visits to fetal development and assess potential complications with the birth, such as hypertension, gestational diabetes, or hyperemesis (Holman et al., 2019).

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#### Subcategory: Developmental Stages and Transitions

##### Topic: Health Promotion of Toddlers: Assessing Developmental Milestones

- By the age of two, the toddler's language expands to fifty and up to three hundred words (Holman et al., 2019)
- Toddler at eighteen months runs clumsily and often falls (Holman et al., 2019)
- The toddler can build a tower of two blocks at fifteen months (Holman et al., 2019)

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#### Subcategory: Health Promotion/Disease Prevention

##### Topic: Gastrointestinal Therapeutic Procedures: Evaluating Teaching About Bariatric Surgery

- Laparoscopic sleeve gastrectomy reduces stomach capacity, and the client must adhere to strict weight loss protocols and lifestyle modifications (Holman et al., 2019)
- Overeating causes the surgery to fail because the weight will regain through stretching of the stomach (Holman et al., 2019)
- In the first six weeks after surgery, the client must only eat liquid and pureed foods and not exceed one cup (Holman et al., 2019)

##### Topic: Infections of the Renal and Urinary Systems: Planning Care for a Female Client Who has Recurrent Urinary Tract Infections

- The female sex has a higher prevalence of UTIs because of the short urethra for women (Holman et

al., 2019)

- Instruct the client to drink three liters of fluids a day to prevent UTIs (Holman et al., 2019)
- Instruct the client to urinate every three to four hours to avoid holding in urine and filling the bladder (Holman et al., 2019)

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### Subcategory: Health Screening

#### Topic: Health Promotion of Infants: Finding to Report

- Infants' anterior and posterior fontanelles by the age of twelve to eighteen months are both closed (Holman et al., 2019)
- Infants at five months old develop enough to roll from the front to the back side (Holman et al., 2019)
- Infants at eight months old can sit unsupported (Holman et al., 2019)

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### Subcategory: Self-Care

#### Topic: Baby-Friendly Care: Evaluating Client Understanding of Infant Care

- Parent-infant bonding behaviors include considering the infant as a member of the family (Holman et al., 2019)
- Behaviors that indicate no parent-infant bonding include handling the infant roughly and ignoring the infant's cry (Holman et al., 2019)
- Nurses facilitate bonding by placing the infant on the mother's skin right after birth (Holman et al., 2019)

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## Main Category #4: Psychosocial Integrity

### Subcategory: Crisis Intervention

#### Topic: Crisis Management: Priority Actions During a Situational Crisis

- The nurse's priority is providing a sense of safety and protecting the client from potential harm (Holman et al., 2019)
- The nurse must identify the current problem causing distress to the client and initiate interventions (Holman et al., 2019)
- The nurse remains with the client during the crisis to deescalate the client's anxiety (Holman et al., 2019)

#### Topic: Trauma and Stressor Related Disorders: Making a Referral to Assess for Post Traumatic Stress Disorder

- PTSD is the exposure to a traumatic event to a client resulting in anxiety for longer than one month (Holman et al., 2019)
- Clients suffering from PTSD experiences flashbacks where the traumatic event recurs (Holman et al., 2019)
- For a client with PTSD, expected findings include avoidance of people, places, or events that bring back memories of the traumatic event (Holman et al., 2019)

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### **Subcategory: Mental Health Concepts**

#### **Topic: Neurocognitive Disorders: Documenting Dementia Findings**

- The onset of dementia is gradual, involving deterioration of the client's ability to function over months or years (Holman et al., 2019)
- Dementia level of consciousness does not change (Holman et al., 2019)
- Dementia involves restlessness and agitation, with sundowning often occurring (Holman et al., 2019)

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## **Main Category #5: Basic Care and Comfort**

### **Subcategory: Assistive Devices**

#### **Topic: Sensory Perception: Caring for a Client Who has Vision Loss**

- The nurse calls the client by name to avoid startling the client when approaching them (Holman et al., 2019)
- The nurse identifies themselves to avoid confusion and respect the client (Holman et al., 2019)
- The nurse explains all interventions and tests to the client prior to touching the client (Holman et al., 2019)

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### **Subcategory: Mobility/Immobility**

#### **Topic: Parkinson's Disease: Assessing a Client's Need for Physical Therapy**

- The nurse notes that the client develops a slow shuffling gait (Holman et al., 2019)
- The nurse notes the client's muscles have become rigid and, to prevent a decrease in mobility, refers the client for physical therapy (Holman et al., 2019)
- Parkinson's disease will develop, making activities of daily living more complex, and physical therapy will slow the process down (Holman et al., 2019)

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### **Subcategory: Non-Pharmacological Comfort Interventions**

#### **Topic: Osteoarthritis and Low Back Pain: Evaluating Client Understanding of Alternative Therapies**

- Topical capsaicin is an alternative therapy to reduce pain, and the client must wear gloves when applying the cream (Holman et al., 2019)
- Glucosamine supplement reduces inflammation to relieve pain (Holman et al., 2019)
- Chondroitin supplements strengthen the cartilage to relieve back pain (Holman et al., 2019)

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### **Subcategory: Nutrition and Oral Hydration**

#### **Topic: Fluid Imbalances: Findings to Report**

- Dehydrated clients' vital signs show hypothermia, tachycardia, thready pulse, hypotension, tachypnea, and hypoxia (Holman et al., 2019)
- Clients overhydrated have vital signs showing tachycardia, bounding pulses, hypertension, tachypnea, and confusion (Holman et al., 2019)
- Clients who overhydrate will have decreased hematocrit, and clients who dehydrated will have increased hematocrit (Holman et al., 2019)

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### Subcategory: Personal Hygiene

#### Topic: Home Safety: Providing Home Safety Teaching

- Keep emergency numbers located by a phone that is easily accessible to all household members (Holman et al., 2019)
- Remove items in an older adult's home that has the potential to cause injury, such as rugs and clutter (Holman et al., 2019)
- Teach preschoolers not to run with objects in their mouths to prevent choking (Holman et al., 2019)

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## Main Category #6: Pharmacological and Parenteral Therapies

### Subcategory: Adverse Effects/Contraindications/Side Effects/Interactions

#### Topic: Medication for Depressive Disorders: Monitoring for Interactions Between Citalopram and St. John's Wort

- Taking Citalopram and St. John's Wort puts the client at risk for serotonin syndrome (Holman et al., 2019)
- The nurse assesses the client for symptoms of confusion, hallucinations, and seizures (Holman et al., 2019)
- Immediate notification to the primary provider is vital to prevent coma and death (Holman et al., 2019)

#### Topic: Therapeutic Procedures to Assist with Labor and Delivery: Identifying a Contraindication to Oxytocin Administration

- Oxytocin is not applicable used when the laboring client has frequent contractions lasting longer than ninety seconds (Holman et al., 2019)
- Oxytocin is not applicable used when the fetal heart rate is abnormal with no known cause (Holman et al., 2019)
- Oxytocin is not applicable used when the laboring client has no relaxation of the uterus between contractions (Holman et al., 2019)

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### Subcategory: Blood and Blood Products

#### Topic: Blood and Blood Product Transfusions: Intervention for Adverse Transfusion Reaction

- The primary action of the nurse is to stop the transfusion (Holman et al., 2019)
- The nurse removes the blood tubing and sends the blood bag and administration set to the lab (Holman et al., 2019)

- The nurse infuses normal saline with all new tubing and monitors the clients' vital signs (Holman et al., 2019)

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### Subcategory: Expected Actions/Outcomes

#### Topic: Diabetes Mellitus: Reviewing Formulary About NPH Insulin

- NPH insulin is known as intermediate-acting insulin (Holman et al., 2019)
- NPH onset is one to two hours (Holman et al., 2019)
- NPH peak is four to fourteen hours (Holman et al., 2019)

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### Subcategory: Medication Administration

#### Topic: Multiple Sclerosis: Anticipated Prescription for the Provider to Prescribe

- Corticosteroids prescription helps reduce inflammation and informs the client of the increased risk of infection (Holman et al., 2019)
- Antispasmodics, including diazepam, baclofen, and tizanidine, treat muscle spasticity and instructed to report weakness that increases (Holman et al., 2019)
- Propranolol and clonazepam are beta blockers prescribed for the treatment of ataxia (Holman et al., 2019)

#### Topic: Pharmacokinetics and Routes of Administration: Intradermal Injection

- Do not massage the injection site after administration (Holman et al., 2019)
- Intradermal injections are for TB tests and allergy tests (Holman et al., 2019)
- Twenty-six to twenty-seven gauge needles to inject small amounts of solution at a ten to fifteen-degree angle (Holman et al., 2019)

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### Subcategory: Parental/Intravenous Therapies

#### Topic: Intravenous Therapy: Initiating IV Therapy for Older Adult Client

- Do not use a tourniquet; instead, use a blood pressure cuff (Holman et al., 2019)
- Do not slap the area of skin to see veins (Holman et al., 2019)
- Do not perform hard friction on the skin when cleaning the site (Holman et al., 2019)

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### Subcategory: Pharmacological Pain Management

#### Topic: Connective Tissue Disorders: Pain Medication for Fibromyalgia

- SNRIs such as duloxetine restore neurotransmitters, serotonin, and norepinephrine (Holman et al., 2019)
- GABA medication, pregabalin, is used to treat fibromyalgia (Holman et al., 2019)

- Instruct the client to change positions slowly while taking SNRIs (Holman et al., 2019)

**Topic: Nonopioid Analgesics: Pain Medication for a Client Who has Cholelithiasis**

- Prescribed NSAIDs to reduce inflammation and relieve pain (Holman et al., 2019)
- NSAIDs increase the risk of gastrointestinal discomforts such as nausea and heartburn and instruct the client to take the medication with food (Holman et al., 2019)
- Older adult clients taking NSAIDs must use caution due to adverse kidney function effects and instructed client to monitor intake and output (Holman et al., 2019)

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**Main Category #7: Reduction of Risk Potential**

**Subcategory: Diagnostic Tests**

**Topic: Coagulation Disorders: expected Laboratory Test for a Client who has Petechiae and Ecchymoses**

- Client presenting with petechiae and ecchymoses will have a hemoglobin lab test done due to potential DIC or ITP (Holman et al., 2019)
- Normal Reference range for Platelet levels is 150,000 to 400,000mm<sup>3</sup> (Holman et al., 2019)
- The client is at risk of DIC, resulting in fibrinogen-level lab tests with an expected reference range of 200 to 400 mg/dL (Holman et al., 2019)

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**Subcategory: System Specific Assessments**

**Topic: Postoperative Care: Caring for a Client Who Has Delayed Wound Healing**

- Instruct the client to eat foods high in calories, protein, and vitamin C to promote wound healing (Holman et al., 2019)
- Maintaining glycemic control for diabetic clients reduces the delay of wound healing (Holman et al., 2019)
- Older adult clients run the risk of delayed wound healing due to poor nutritional content (Holman et al., 2019)

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**Subcategory: Therapeutic Procedures**

**Topic: Amputations: Evaluating Teaching**

- Teach a client with phantom pain to push the affected limb down into the bed or perform quad sets (Holman et al., 2019)
- Educate the client to lie prone for twenty to thirty minutes throughout the day to prevent contractures (Holman et al., 2019)
- Educate the client on the process of grief, and it is customary to grieve for the loss of a limb (Holman et al., 2019)

**Topic: Arthroplasty: Planning to Position a Client Following Total Hip Arthroplasty**

- Ensure the client receives early ambulation post-procedure and transfer to a bed (Holman et al., 2019)
- Do not internally rotate the surgical leg (Holman et al., 2019)
- Use an abduction pillow while lying in bed and avoid flexion of the hip greater than ninety degrees

(Holman et al., 2019)

Holman, H. C., Williams, D., Sommer, S., Johnson, J., Ball, B. S., Morris, C., Wheless, L. K., McMichael, M., Roland, P., Leehy, P., & Hertel, R. (2019). *RN adult medical surgical nursing: Review module*. Assessment Technologies Institute.

## Main Category #8: Physiological Adaptation

### Subcategory: Alterations in Body Systems

#### Topic: Cancer and Immunosuppression Disorders: Teaching a Client who is Undergoing Radiation Therapy

- Do not eat before radiation therapy if the client presents with nausea or vomiting (Holman et al., 2019)
- Instruct the client to avoid fatty or fried foods and limit caffeine to prevent diarrhea (Holman et al., 2019)
- Instruct the client to eat small frequent meals high in calories and protein (Holman et al., 2019)

#### Topic: Electrolyte Imbalances: Assessing a Client who is Immediately Postoperative Following a Subtotal Thyroidectomy

- Assessment of the client's calcium level due to potential hypocalcemia (Holman et al., 2019)
- The potassium reference range is 3.5 to 5.0 (Holman et al., 2019)
- The calcium reference range is 9.0 to 10.5 (Holman et al., 2019)

Holman, H. C., Williams, D., Sommer, S., Johnson, J., Ball, B. S., Morris, C., Wheless, L. K., McMichael, M., Roland, P., Leehy, P., & Hertel, R. (2019). *Nutrition for nursing: Review module*. Assessment Technologies Institute.

Holman, H. C., Williams, D., Sommer, S., Johnson, J., Ball, B. S., Morris, C., Wheless, L. K., McMichael, M., Roland, P., Leehy, P., & Hertel, R. (2019). *RN adult medical surgical nursing: Review module*. Assessment Technologies Institute.

### Subcategory: Illness Management

#### Topic: Acute and Chronic Gastritis: Performing Gastric Lavage

- Insert an NG tube to perform a gastric lavage (Holman et al., 2019)
- Gastric lavage involves irrigating with normal saline or water to stop gastric bleeding (Holman et al., 2019)
- Prevent aspiration from irrigation; a chest x-ray verifies NG tube placement (Holman et al., 2019)

Holman, H. C., Williams, D., Sommer, S., Johnson, J., Ball, B. S., Morris, C., Wheless, L. K., McMichael, M., Roland, P., Leehy, P., & Hertel, R. (2019). *Maternal newborn nursing: Review module*. Assessment Technologies Institute.

### Subcategory: Medical Emergencies

#### Topic: Hematologic Disorders: Manifestations of Acute Chest Syndrome

- The client reports symptoms of chest, back, or abdominal pain (Holman et al., 2019)
- The client presents with a fever of 101.3F or greater (Holman et al., 2019)
- Respiratory status presents with coughing, tachypnea, dyspnea, wheezing, and retractions (Holman et al., 2019)

Holman, H. C., Williams, D., Sommer, S., Johnson, J., Ball, B. S., Morris, C., Wheless, L. K., McMichael, M., Roland, P., Leehy, P., & Hertel, R. (2019). *RN adult medical surgical nursing: Review module*. Assessment Technologies Institute.

## Subcategory: Pathophysiology

### Topic: Fluid Imbalances: Interpreting Laboratory Results

- The hypovolemic client presents increased BUN and a specific gravity greater than 1.030 (Holman et al., 2019)
- Overhydrated client presents with decreased Hct and Hgb (Holman et al., 2019)
- Decreased BUN, urine sodium, and specific gravity represent an overhydrated client (Holman et al., 2019)

### Topic: Hepatitis and Cirrhosis: Monitoring for Fluid Volume Excess

- Monitor a client with cirrhosis for fluid volume excess in the presentation of ascites (Holman et al., 2019)
- Assessment of fluid volume excess by jugular vein distention and peripheral edema (Holman et al., 2019)
- Clients with fluid volume excess must restrict sodium in their diet (Holman et al., 2019)

Holman, H. C., Williams, D., Sommer, S., Johnson, J., Ball, B. S., Morris, C., Wheless, L. K., McMichael, M., Roland, P., Leehy, P., & Hertel, R. (2019). *RN adult medical surgical nursing: Review module*. Assessment Technologies Institute.