

N444 Concept Synthesis  
Proctored ATI Remediation Template

Student Name: **Anthony Morgan**

Assessment Name: **RN Comprehensive Predictor 2019**

Semester: **Fall 2023**

Instructions:

- Download the report from your ATI product for the assessment you are completing this remediation template for
- The report will be broken down into three (3) aspects:
  - Categories
    - These categories mimic the NCLEX-RN categories and include the following:
      - 
      - Management of Care
      - Safety and Infection Control
      - Health Promotion and Maintenance
      - Psychosocial Integrity
    - Basic Care and Comfort
    - Pharmacological and Parenteral Therapies
    - Reduction of Risk Potential
    - Physiological Adaptation
    - Clinical Judgment
    - 
    - Subcategories
    - Topics
  - Complete the template on the following page by doing the following:
    - Main Category
      - Subcategories for each main category
        - Topics for each subcategory these will be the content areas you will be remediating on
          - Provide three (3) critical points to remember for each topic these will come from the Focused Review module(s) within your ATI product
      - **NOTE: You must remediate on all subcategories AND topics within the main categories listed under the “Topics to Review” section of the ATI report for this assessment.**
  - In the event you need additional space within the table, please add rows into the table to accommodate this
    - In the event, you need less space within the table than what is provided, you may delete those rows from the table to accommodate this OR put “N/A” There may be main categories that you don’t have to remediate on and that is OK – you can either delete the table OR put “N/A”
  - An example is provided below:

**SAMPLE Main Category: Management of Care**

**SAMPLE Subcategory: Case Management**

**SAMPLE Topic: Anemias: Discharge Teaching for a Client Who is Recovering from Sickle Cell Crisis**

- SAMPLE Critical Point #1: Anemia is the abnormally low amount of circulation RB, Hgb concentration, or both.
- 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.
- SAMPLE Critical Point #3: A patient should have their hemoglobin checking in 4 to 6 weeks to determine efficacy.

- 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 to the corresponding dropbox in E360.

**Main Category: Management of Care**

**Subcategory: Case Management**

**Topic: Continuity of Care: Interventions Promoting Independence**

- Discharge planning is an ongoing assessment that predicts patients' needs, such as autonomy.
- Providing education helps the client become self-reliant.
- Good communication between the nurse, other providers, the patient, and their family can help a patient achieve independence more quickly.

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**Subcategory: Client Rights**

**Topic: Legal and Ethical Issues: Respecting Client Rights**

- A psychiatric advance directive determines patients' desires if they are involuntarily admitted into a mental health ward or facility.  
There are no simple resolutions to ethical problems that nurses face.
- Involuntary admission to a psych facility is limited to 60 days; the doctor must reevaluate the patient's plan.

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**Subcategory: Establishing Priorities**

**Topic: Crisis Management: Crisis Intervention for Intimate Partner Abuse**

- Crisis events are defined as acute situations that occur for 4-6 weeks and evoke emotional responses, rendering coping mechanisms futile.
- The three types of crises are situational (external), maturational (internal), and adventitious.
- An action plan for a crisis should take at most 72 hours.

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**Main Category: Management of Care**

**Subcategory: Informed Consent**

**Topic: Disorders of the Eye: Evaluating a Client's Understanding of Cataract Removal**

- Long term use of beta-blockers, corticosteroids, phenothiazine relatives, and miotic medications can cause cataracts.
- The layer causing opacity is removed, but the rear layer is retained.
- The protein build-up is broken apart using sound waves and then replaced with an intraocular lens.

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**Subcategory: Performance Improvement (Quality Improvement)**

**Topic: Managing Client Care: Planning an Audit of Quality Control**

- Authoritative leadership is most effective for employees with little to no formal education.
- Laissez-faire leadership is effective for professional coworkers.
- The order of Maslow's hierarchy of needs is: physiological, safety and security, love and belonging, self-esteem, and self-actualization from important to least important.

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<b>Subcategory: Referrals</b>
<p><b>Topic: Care of Special Populations: Recommending Appropriate Referrals</b></p> <ul style="list-style-type: none"> <li>• Appropriate referrals are programs and financial assistance that prevent or mitigate issues associated with special populations, such as homelessness.</li> <li>• Parents of special populations require parenting skills to prevent youths from running away.</li> <li>• Rural residents require many resources due to residents being far away from the nearest medical facility. Their lack of proximity leads to higher morbidity and mortality rates for all ages.</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

<b>Main Category: Safety and Infection Control</b>
<b>Subcategory: Accident/Error/Injury Prevention</b>
<p><b>Topic: Chronic Neuromusculoskeletal Disorder: Cross-sensitivities With a Latex Allergy</b></p> <ul style="list-style-type: none"> <li>• Allergies to certain foods, such as bananas, avocados, kiwi, and chestnuts, are associated with latex allergies.</li> <li>• Items such as pacifiers, plastic storage bags, and water toys can contain latex.</li> <li>• Give parents instructions on the proper use of epinephrine during allergic reactions.</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>Subcategory: Emergency Response Plan</b>
<p><b>Topic: Maintaining a Safe Environment: Priority Action in the Event of a Fire</b></p> <ul style="list-style-type: none"> <li>• Class A fire extinguishers are used for combustibles such as wood, paper, and rags.</li> <li>• Class C extinguishers are used for electrical fires.</li> </ul>

- Class B fire extinguishers can put out gas fires and other fires started by flammable fluids.

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

**Topic: Acute Neurological Disorders: Transmission Precautions**

- Bacterial meningitis require droplet precautions.
- Bacterial meningitis causes cerebrospinal fluid to have a cloudy appearance, while viral meningitis has a clear appearance.
- Bacterial meningitis causes decreased glucose, elevated protein, and leukocytes within cerebrospinal fluid.

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**Main Category: Health Promotion and Maintenance**

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

**Topic: Client Education and Discharge Teaching: Relieving Breast Engorgement**

- Breast engorgement can be reduced using cold compresses or cabbage leaves, but only for non-breastfeeding mothers.
- Breast engorgement can be reduced using warm compresses and showers for breastfeeding mothers.
- Pouring breast milk on sore nipples can reduce swelling because the milk has anti-inflammation properties.

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<b>Main Category: Psychosocial Integrity</b>
<b>Subcategory: Mental Health Concepts</b>
<p><b>Topic: Basic Mental Health Nursing Concepts: Assessing an Older Adult</b></p> <ul style="list-style-type: none"> <li>• The Mini-mental state examination (MMSE) assesses a client's mental status by evaluating orientation, recall of objects, language, commands, ability to write, naming of objects, ability to count backward by seven, and attention span.</li> <li>• Providers use the Geriatric Depression Scale because older adults have a high chance of depression.</li> <li>• The Wong-Baker FACES Pain rating scale is used for advanced dementia patients.</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>

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<p><b>Subcategory: Stress Management</b></p>
<p><b>Topic: Stress Management: Teaching Progressive Muscle Relaxation</b></p> <ul style="list-style-type: none"> <li>• Progressive muscle relaxation yields positive results; clients relax within a few minutes.</li> <li>• Progressive muscle relaxation have antidepressant effects.</li> <li>• Other forms of stress management are physical exercise, breathing techniques, guided imagery, biofeedback, and journal writing.</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
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<p><b>Main Category: Basic Care and Comfort</b></p>
<p><b>Subcategory: Assistive Devices</b></p>
<p><b>Topic: Sensory Perception: Evaluating Understanding of Hearing Aid Care</b></p> <ul style="list-style-type: none"> <li>• Ear molds of hearing aids should be cleaned with mild soap and water.</li> <li>• Always keep spare batteries.</li> <li>• Remove the batteries to preserve power.</li> </ul> <p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

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**Subcategory: Elimination**

**Topic: Urinary Elimination: Strategies for Promoting Urination**

- Strengthening abdominal and pelvic muscles (kegel) can decrease urinary frequency.
- Consuming alcohol and caffeine will increase urination.
- Have appropriate equipment encouraging clients to urinate, such as urinals, bedpans, and commodes.

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**Main Category: Pharmacological and Parenteral Therapies**

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

**Topic: Airflow Disorders: Minimizing Adverse Effects of Prednisone**

- Prednisone will suppress the adrenal glands if used for more than ten days.
- Clients must have a diet high in vitamin D and calcium because prednisone can cause bone loss.
- Prednisone can suppress the immune system; patients must inform their provider of signs of infection.

**Topic: Endocrine Disorders: Teaching About Adverse Effects of Levothyroxine**

- Too much levothyroxine can cause hyperthyroidism, causing tachycardia, palpitations, heat intolerance, fever, profuse sweating, erratic menstrual patterns, and weight loss.
- Chronic use can create bone loss, leading to fractures.

- It can cause profuse bleeding in combination with warfarin because levothyroxine catabolizes vitamin K.

**Topic: Renal Diagnostic Procedures: Medication to Withhold Prior to Excretory Urography**

- Metformin is a contraindication within 24 hours of a urography.
- Determine if the patient is allergic to iodine; the dye used for this procedure is iodine-based.
- Withhold diuretics if they are not necessary because diuretics cause kidneys to overwork, and the dye can cause acute kidney injury.

**Subcategory: Medications Administration**

**Topic: Medications for Depressive Disorders: Reporting Manifestations of Serotonin Syndrome**

- Manifestations of serotonin syndrome include abdominal pain, diarrhea, agitation, fever, and lack of concentration.
- Other symptoms of serotonin syndrome include anxiety, hallucinations, hyperreflexia, tremors, and profuse sweating.
- A client has to withhold the medication and inform their provider if any of the symptoms above appear.

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**Subcategory: Parenteral/Intravenous Therapies**

**Topic: Cardiovascular Diagnostic and Therapeutic Procedures: Measuring Blood Pressure**

- Hemodynamic monitoring uses specialized catheters to provide blood volume, fluid status, heartbeat efficiency, and perfusion.
- Arterial lines are mostly placed in the radial artery which records blood pressure continuously.
- Pulmonary artery lines are inserted into the jugular, subclavian, brachial, or femoral vein and the heart, traveling through the right atrium and ventricle and finally into a pulmonary artery. Blood tests and pressures can also be done through this kind of catheter.

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**Main Category: Reduction of Risk Potential**

**Subcategory: Laboratory Values**

**Topic: Nutrition Assessment/Data Collection: Laboratory Results to Report**

- The range for albumin is 3.5-5.0 g/dL, same range as potassium.
- The range for prealbumin is 15-36mg/dL.
- A weight loss of more than 2% in a week or 7% in three months is significant weight loss.

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**Subcategory: Potential for Alterations in Body Systems**

**Topic: Gastrointestinal Disorders: Food Recommendations for a Client With Dysphagia**

- Thin fluids and sticky food must be avoided in patients with dysphagia.
- Nutritional intake will be significantly affected; it is necessary to consume supplements until dysphagia subsides.
- Fat and protein must be consumed during each meal; the client must have small and frequent meals.

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**Subcategory: System Specific Assessments**

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- Abdominal assessment are different from others because auscultation occurs before palpation.
- The left fifth intercostal space is the place to auscultate for the mitral valve.
- The right lung should be auscultated on the right side to listen to the third lobe.

**Topic: Pressure Ulcers, Wounds, and Wound Management: Assessing Laboratory Values Contributing to Delayed Wound Healing**

- **Elevated cholesterol can delay wound healing if atherosclerotic plaques are near the injury.**
- **Low oxygen will delay wound healing.**
- **Elevated glucose will interfere with wound healing.**

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**Main Category: Physiological Adaptation**

**Subcategory: Alterations in Body Systems**

**Topic: Amputations: Postoperative Interventions**

- Heat at the end of the amputation is indicative of infection; check for warmth.
- Check pulse most proximal to the amputation.
- Elevate the amputated extremity above the heart to reduce bleeding.

**Topic: Chest Tube Insertion and Monitoring: Caring for Client Who Has a Chest Tube**

- The common pressure of a water suction is -20cm H<sub>2</sub>O.
- Continuous bubbling is indicative of a leak in a water suction system.
- Obstruction within the suction system or re-expansion of the lung can cause the water to tidaling.

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**Main Category: Clinical Judgment**

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