

N444 Concept Synthesis
ATI Remediation Template

Student Name: Jessica Warren

Assessment Name: **ATI Capstone Medical-Surgical Assessment II**

Semester: Fall 2024

[Score Explanation](#)

INDIVIDUAL SCORE  67.8%	Individual Name: Jessica A Warren Student Number: 7565966 Institution: Lakeview CON Program Type: BSN Test Completed Date: 9/14/2024 # of Points: 87	Focused Review Progress View missed topics and launch study materials below. Last accessed: 9/14/2024 Time spent: 02:01:47 Review Review Quiz Post-Study Quiz: 7/8 correct
TIME SPENT 41:40		

Main Category #1: Basic Care and Comfort

Subcategory: Caring for a client who is postoperative

Topic: Prone Positioning

- Place the client flat on their abdomen and chest with the head to one side and back in alignment (Assessment Technologies Institute, 2022).
- A pillow can be placed under the leg to promote relaxation by permitting some knee flexion and dorsiflexion of the ankles (Assessment Technologies Institute, 2022).
- This position helps prevent flexion contractures at the hip following a lower extremity amputation (Assessment Technologies Institute, 2022).

Subcategory: Teaching about dietary recommendations

Topic: Cholecystitis

- Pancreatitis and liver involvement can result from uncontrolled cholecystitis (Assessment Technologies Institute, 2022).
- Fat intake should be limited to reduce stimulation of the gallbladder (Assessment Technologies Institute, 2022).
- Diet should be individualized to the client's tolerance and needs (Assessment Technologies Institute, 2022).

Main Category #2: Reduction of risk potential

Subcategory: Expected ABG finding in a client who has renal failure

Topic: 5 classic types of ABG results demonstrating balance and imbalance

- pH less than 7.35, PaCO₂ greater than 45, HCO₃ 22 to 26 is Respiratory Acidosis (Assessment Technologies Institute, 2022).
- pH less than 7.35, PaCO₂ 35 to 45, HCO₃ less than 22 is Metabolic Acidosis (Assessment Technologies Institute, 2022).
- pH greater than 7.45, PaCO₂ less than 35, HCO₃ 22 to 26 is Respiratory Alkalosis (Assessment Technologies Institute, 2022).

Subcategory: Functionality of a chest drainage system

Topic: Wet suction

- The height of the sterile fluid in the suction control chamber determines the amount of suction transmitted to the pleural space (Assessment Technologies Institute, 2022).
- A suction pressure of -20cm H₂O is commonly prescribed (Assessment Technologies Institute, 2022).
- The level of water in the suction control chamber determines the suction pressure (Assessment

Technologies Institute, 2022).

Subcategory: Teaching about Electroencephalography

Topic: Intraprocedure

- There are no risks associated with this procedure (Assessment Technologies Institute, 2022).
- Electrical signals produced by the brain are recorded by the machine or computer in the form of wavy lines (Assessment Technologies Institute, 2022).
- Notations are made when stimuli are presented or when sleep occurs (Assessment Technologies Institute, 2022).

Main Category #3: Management of Care

Subcategory: Develop a plan of care

Topic: Nursing care for meningitis

- Decrease environmental stimuli (Assessment Technologies Institute, 2022).
- Provide a quiet environment (Assessment Technologies Institute, 2022).
- Minimize exposure to bright light that are natural and electric (Assessment Technologies Institute, 2022).

APA References

Assessment Technologies Institute. (2022). *Acid-base imbalances: Review module* (11th ed.). ATI Nursing Education

Assessment Technologies Institute. (2022). *Central nervous system disorders: Review module* (11th ed.). ATI Nursing Education

Assessment Technologies Institute. (2022). *Ergonomic principles: Review module* (11th ed.). ATI Nursing Education

Assessment Technologies Institute. (2022). *Gastrointestinal disorders: Review module* (11th ed.). ATI Nursing Education

Assessment Technologies Institute. (2022). *Neurologic diagnostic procedures: Review module* (11th ed.). ATI Nursing Education