

Topics To Review

Nutrition and Oral Hydration (1 item)

Polycystic Kidney Disease, Acute Kidney Injury, and Chronic Kidney Disease: Dietary Teaching for a Client Who Has End-Stage Kidney Disease (Active Learning Template - System Disorder)

Nonpharmacological Comfort Interventions (1 item)

Postoperative Nursing Care: Medication to Address Client's Pain (Active Learning Template - Basic Concept)

Pharmacological and Parenteral Therapies (4 items)

Total Parenteral Nutrition (1 item)

Gastrointestinal Therapeutic Procedures: Caring for a Client Receiving Total Parental Nutrition (Active Learning Template - Therapeutic Procedure)

Adverse Effects/Contraindications/Side Effects/Interactions (1 item)

Nonopioid Analgesics: Medication Interactions (Active Learning Template - Medication)

Medication Administration (1 item)

Angina and Myocardial Infarction: Teaching About Sublingual Nitroglycerine (Active Learning Template - Medication)

Expected Actions/Outcomes (1 item)

Complementary, Alternative, and Integrative Therapies: Supplements to Reduce Lipid Levels (Active Learning Template - Basic Concept)

Reduction of Risk Potential (3 items)

Diagnostic Tests (1 item)

Electrocardiography and Dysrhythmia Monitoring: Analyzing a Cardiac Rhythm Strip (Active Learning Template - Diagnostic Procedure)

Changes/Abnormalities in Vital Signs (1 item)

Pulmonary Embolism: Identifying Manifestations (Active Learning Template - System Disorder)

Potential for Complications of Diagnostic Tests/Treatments/Procedures (1 item)

Gastrointestinal Diagnostic Procedures: Recognize Abnormal Findings Following a Colonoscopy (Active Learning Template - Diagnostic Procedure)

Physiological Adaptation (13 items)

Pathophysiology (1 item)

Pituitary Disorders: Manifestations of Syndrome of Inappropriate Antidiuretic Hormone (Active Learning Template - System Disorder)

Illness Management (2 items)

Chronic Obstructive Pulmonary Disease: Intervention for COPD With Exacerbations (Active Learning Template - System Disorder)

Hypothyroidism: Client Teaching (Active Learning Template - System Disorder)

Hemodynamics (2 items)

Cardiovascular Diagnostic and Therapeutic Procedures: Monitoring and Maintaining an Arterial Line (Active Learning Template - Nursing Skill)

Pacemakers and Implantable Cardioverter/Defibrillators: Intervention for Third-Degree Heart Block (Active Learning Template - System Disorder)

Alterations in Body Systems (7 items)

Chest Tube Insertion and Monitoring: Interventions for Bubbling in the Water Seal Chamber (Active Learning Template - Therapeutic Procedure)

Chronic Obstructive Pulmonary Disease: Provide Chest Physiotherapy (Active Learning Template - System Disorder)

Electrolyte Imbalances: Evaluating Outcomes for a Client Who Has Hypoparathyroidism (Active Learning Template - System Disorder)

Hemodialysis and Peritoneal Dialysis: Intervening for Decreased Dialysate Flow Rate (Active Learning Template - Therapeutic Procedure)

Seizures and Epilepsy: Planning Interventions for Care (Active Learning Template - System Disorder)

Skin Disorders: Identifying Findings Related to Treatment of Psoriasis (Active Learning Template - System Disorder)

Skin Disorders: Monitor Wounds for Signs and Symptoms of Infection (Active Learning Template - Basic Concept)

Fluid and Electrolyte Imbalances (1 item)

Topics To Review

Fluid Imbalances: Planning Care for a Client Who Has Dehydration (Active Learning Template - System Disorder)

Clinical Judgment (10 items)

Analyze Cues (3 items)

Anemias: Differentiating Manifestations of Types of Anemias (Active Learning Template - System Disorder)

Angina and Myocardial Infarction: Medication to Clarify With the Provider (Active Learning Template - Medication)

Heart Failure and Pulmonary Edema: Caring for a Client Who Has Heart Failure (Active Learning Template - System Disorder)

Take Actions (2 items)

Anemias: Teaching a Client Who Has a Prescription for Iron Supplements (Active Learning Template - Medication)

Inflammatory Bowel Disease: Caring for a Client Who Has Diverticulitis (Active Learning Template - System Disorder)

Prioritize Hypotheses (1 item)

Anemias: Priority Actions for Iron Deficiency Anemia (Active Learning Template - System Disorder)

Evaluate Outcomes (4 items)

Anemias: Educating a Client Who Is Taking Iron Supplements (Active Learning Template - System Disorder)

Hepatitis and Cirrhosis: Caring for a Client Who Has Cirrhosis (Active Learning Template - System Disorder)

Hyperthyroidism: Caring for a Client Who Is Experiencing Thyroid Storm (Active Learning Template - System Disorder)

Rheumatoid Arthritis: Caring for a Client Who Has Rheumatoid Arthritis (Active Learning Template - System Disorder)

Outcomes

Nursing Process	No of Points	Individual Score	Description
RN Assessment	13	84.6%	The assessment step of the nursing process involves application of nursing knowledge to the collection, organization, validation and documentation of data about a client's health status. The nurse focuses on the client's response to a specific health problem including the client's health beliefs and practices. The nurse thinks critically to perform a comprehensive assessment of subjective and objective information. Nurses must have excellent communication and assessment skills in order to plan client care.
RN Analysis/Diagnosis	41	73.2%	The analysis step of the nursing process involves the nurse's ability to analyze assessment data to identify health problems/risks and a client's needs for health intervention. The nurse identifies patterns or trends, compares the data with expected standards or reference ranges and draws conclusions to direct nursing care. The nurse then frames nursing diagnoses in order to direct client care.
RN Planning	15	80.0%	The planning step of the nursing process involves the nurse's ability to make decisions and problem solve. The nurse uses a client's assessment data and nursing diagnoses to develop measurable client goals/outcomes and identify nursing interventions. The nurse uses evidenced based practice to set client goals, establish priorities of care, and identify nursing interventions to assist the client to achieve his goals.
RN Implementation/Therapeutic Nursing Intervention	42	54.8%	The implementation step of the nursing process involves the nurse's ability to apply nursing knowledge to implement interventions to assist a client to promote, maintain, or restore his health. The nurse uses problem-solving skills, clinical judgment, and critical thinking when using interpersonal and technical skills to provide client care. During this step the nurse will also delegate and supervise care and document the care and the client's response.
RN Evaluation	30	76.7%	The evaluation step of the nursing process involves the nurse's ability to evaluate a client's response to nursing interventions and to reach a nursing judgment regarding the extent to which the client has met the goals and outcomes. During this step the nurse will also assess client/staff understanding of instruction, the effectiveness of interventions, and identify the need for further intervention or the need to alter the plan.

Priority Setting	No of Points	Individual Score	Description
	7	71.4%	Ability to demonstrate nursing judgment in making decisions about priority responses to a client problem. Also includes establishing priorities regarding the sequence of care to be provided to multiple clients.

Thinking Skills	No of Points	Individual Score	Description
Foundational Thinking	13	69.2%	The ability to comprehend information and concepts. Incorporates Blooms Taxonomy categories of Remembering and Understanding.
Clinical Application	68	66.2%	The ability to apply nursing knowledge to a clinical situation. Incorporates Blooms Taxonomy category of Applying.
Clinical Judgment	60	75.0%	The ability to analyze and interpret elements of a clinical situation to make a decision and respond appropriately. Incorporates Blooms Taxonomy categories of Analyzing and Evaluating.

NCLEX®	No of Points	Individual Score	Description
RN Management of Care	5	60.0%	The nurse coordinates, supervises and/or collaborates with members of the health care to provide an environment that is cost-effective and safe for clients.
RN Safety and Infection Control	8	100.0%	The nurse uses preventive safety measures to promote the health and well-being of clients, significant others, and members of the health care team.
RN Health Promotion and Maintenance	4	75.0%	The nurse directs nursing care to promote prevention and detection of illness and support optimal health.
RN Psychosocial Integrity	3	66.7%	The nurse directs nursing care to promote and support the emotional, mental and social well-being of clients and significant others.
RN Basic Care and Comfort	7	71.4%	The nurse provides nursing care to promote comfort and assist client to perform activities of daily living.
RN Pharmacological and Parenteral Therapies	14	71.4%	The nurse administers, monitors and evaluates pharmacological and parenteral therapy.
RN Reduction of Risk Potential	15	80.0%	The nurse directs nursing care to decrease clients' risk of developing complications from existing health disorders, treatments or procedures.
RN Physiological Adaptation	25	44.0%	The nurse manages and provides nursing care for clients with an acute, chronic or life threatening illness.

QSEN	No of Points	Individual Score	Description
Safety	25	68.0%	The minimization of risk factors that could cause injury or harm while promoting quality care and maintaining a secure environment for clients, self, and others.
Patient-Centered Care	17	76.5%	The provision of caring and compassionate, culturally sensitive care that is based on a patient's physiological, psychological, sociological, spiritual, and cultural needs, preferences, and values.
Evidence Based Practice	98	69.4%	The use of current knowledge from research and other credible sources to make clinical judgments and provide client-centered care.
Quality Improvement	1	100.0%	Care-related and organizational processes that involve the development and implementation of a plan to improve health care services and better meet the needs of clients.

NLN Competency	No of Points	Individual Score	Description
Human Flourishing	10	70.0%	Human flourishing is reflected in patient care that demonstrates respect for diversity, approaches patients in a holistic and patient-centered manner, and uses advocacy to enhance their health and well-being.
Nursing Judgment	121	71.1%	Nursing judgment involves the use of critical thinking and decision making skills when making clinical judgments that promote safe, quality patient care.
Professional Identity	1	100.0%	Professional identity reflects the professional development of the nurse as a member and leader of the health care team who promotes relationship-centered care, and whose practice reflects integrity and caring while following ethical and legal guidelines.
Spirit of Inquiry	9	55.6%	A spirit of inquiry is exhibited by nurses who provide evidence based clinical nursing practice and use evidence to promote change and excellence.

BSN Essentials	No of Points	Individual Score	Description
Liberal Education for Baccalaureate Generalist Nursing Practice	4	75.0%	The need for an education that exposes nurses to multiple fields of study providing the foundation for a global perspective of society as well as high level thinking and acquisition of skills that can be applied to complex patient and system-based problems.
Basic Organization and Systems Leadership for Quality Care and Patient Safety	10	70.0%	The need for nurses to be able to understand power relationships and use decision-making and leadership skills to promote safe practice and quality improvement within health care systems.
Scholarship for Evidence-Based Practice	93	68.8%	The need for nurses to be able to understand the research process and base practice and clinical judgments upon fact-based evidence to enhance patient outcomes.
Interprofessional Communication and Collaboration	4	100.0%	The need for nurses to be able to function as a member of the healthcare team while promoting an environment that supports interprofessional communication and collaboration with the goal of providing patient-centered care.
Clinical Prevention and Population Health	7	57.1%	The need for nurses to be able to identify health related risk factors and facilitate behaviors that support health promotion, and disease and injury prevention, while providing population-focused care that is based on principles of epidemiology and promotes social justice.
Professionalism and Professional Values	1	100.0%	The need for nurses to be able to practice nursing in a professional manner while providing patient-centered care that is caring, respects diversity, and is governed by legal and ethical tenets.
Baccalaureate Generalist Nursing Practice	22	72.7%	The need for nurses to be able to practice as a generalist using clinical reasoning to provide care to patients across the lifespan and healthcare continuum and to individuals, families, groups, communities, and populations.

Clinical Judgment	No of Points	Individual Score	Description
Recognize Cues	5	100.0%	Filter information from different sources (i.e., signs, symptoms, health history, environment). Identify relevant information related to the client's condition. Use knowledge, experience and evidence to assess clients. Use verbal, nonverbal, written, and electronic modes of communication. Recognize relevant subjective/objective client data. Identify subtle and apparent changes in client condition and related factors.
Analyze Cues	14	64.3%	Link recognized cues to a client's clinical presentation and establishing probable client needs, concerns, or problems. Compare client findings to evidence-based resources and standards of care. Analyze expected and unexpected findings in health data. Anticipate illness/injury and wellness progression. Identify client problems and related health alterations. Analyze client needs. Identify potential complications. Identify how pathophysiology relates to clinical presentation. Identify data that is of immediate concern.
Prioritize Hypotheses	2	50.0%	Establish priorities of care based on the client's health problems (i.e. environmental factors, risk assessment, urgency, signs/ symptoms, diagnostic test, lab values, etc.). Organize client assessment information according to changes, patterns and trends. Use standards of care and empirical frameworks for priority setting. Establish and prioritize client problems/needs based on the analysis of information and factors.

Generate Solutions	4	100.0%	<p>Identify expected outcomes and related nursing interventions to ensure clients' needs are met.</p> <p>Collaborate with members of the interprofessional healthcare team to establish client outcomes and the plan of care.</p> <p>Collaborate with client and care partners to establish client outcomes and the plan of care.</p> <p>Identify optimal client outcomes based on information and factors.</p> <p>Identify evidence-based nursing actions to effectively address the clinical situation of the client's health problem.</p> <p>Prioritize plan of care to achieve optimal client outcomes.</p> <p>Prioritize nursing care when caring for multiple clients.</p> <p>Re-prioritize nursing actions as the client's condition changes.</p> <p>Modify a plan of care to assure achievement of optimal client outcomes when indicated.</p> <p>Determine the potential impact of selected interventions.</p>
Take Actions	6	33.3%	<p>Implement appropriate interventions based on nursing knowledge, priorities of care, and planned outcomes to promote, maintain, or restore a client's health.</p> <p>Promptly and accurately perform nursing actions based on prioritized client problems.</p> <p>Implement a plan of care in collaboration with members of the interprofessional health care team.</p> <p>Implement a plan of care in collaboration with the client and care partners.</p> <p>Accurately document client care data and information.</p> <p>Incorporate client preferences and needs when performing nursing actions.</p> <p>Provide education to the client and/or care partner(s) regarding their health condition and care management.</p> <p>Participate in coordination of care with the client and healthcare team.</p> <p>Monitor the client's response to interventions.</p>
Evaluate Outcomes	29	82.8%	<p>Evaluate a client's response to nursing interventions and reach a nursing judgment regarding the extent to which outcomes have been met.</p> <p>Reassess client condition to determine achievement of expected outcomes.</p> <p>Evaluate efficacy of nursing actions determine if client outcomes were met.</p> <p>Modify client outcomes and/or nursing actions based on the client's response and clinical findings when indicated.</p> <p>Update and revise the plan of care.</p>

AACN Essentials	No of Points	Individual Score	Description
Knowledge for Nursing Practice	39	79.5%	Integration, translation, and application of established and evolving disciplinary nursing knowledge and ways of knowing, as well as knowledge from other disciplines, including a foundation in liberal arts and natural and social sciences. This distinguishes the practice of professional nursing and forms the basis for clinical judgment and innovation in nursing practice.
Person-Centered Care	60	68.3%	Person-centered care focuses on the individual within multiple complicated contexts, including family and/or important others. Person-centered care is holistic, individualized, just, respectful, compassionate, coordinated, evidence-based, and developmentally appropriate. Person-centered care builds on a scientific body of knowledge that guides nursing practice regardless of specialty or functional area.
Population Health	1	0.0%	Population health spans the healthcare delivery continuum from public health prevention to disease management of populations and describes collaborative activities with both traditional and non-traditional partnerships from affected communities, public health, industry, academia, health care, local government entities, and others for the improvement of equitable population health outcomes.
Scholarship for the Nursing Discipline	19	57.9%	The generation, synthesis, translation, application, and dissemination of nursing knowledge to improve health and transform health care.
Quality and Safety	17	76.5%	Employment of established and emerging principles of safety and improvement science. Quality and safety, as core values of nursing practice, enhance quality and minimize risk of harm to patients and providers through both system effectiveness and individual performance.



Score Explanation and Interpretation

Individual Performance Profile

ATI PROFICIENCY LEVELS

Proficiency Level	Proficiency Level Definition	Score Range
Below Level 1	Scores below the Proficiency Level 1 standard can be considered below minimum expectations and can be indicative of significant risk in this content area. ATI strongly advises these students to develop and complete an intensive plan for focused review and remediation, including the use of ATI materials, textbooks, class notes, reference materials, and assistance from nurse educators.	0.0% to 60.4%
Level 1	Scores meeting the Proficiency Level 1 standard can be considered to meet the absolute minimum expectations for performance in this content area. Scores at this level were judged by the content expert panel to indicate a student as likely to just meet NCLEX-RN® standards in this content area. ATI advises these students to develop and complete a rigorous plan of focused review in order to achieve a firmer grasp of this content.	60.5% to 71.0%
Level 2	Scores meeting the Proficiency Level 2 standard can be considered to exceed minimum expectations for performance in this content area. Scores at this level were judged by the content expert panel to indicate a student as fairly certain to meet NCLEX-RN standards in this content area. ATI advises these students to engage in continuous focused review in order to improve their knowledge of this content.	71.1% to 83.6%
Level 3	Scores meeting the Proficiency Level 3 standard can be considered to exceed most expectations for performance in this content area. Scores at this level were judged by the content expert panel to indicate a student as likely to exceed NCLEX-RN standards in this content area. ATI advises these students to engage in continuous focused review to maintain and improve their knowledge of this content.	83.7% to 100.0%

ADJUSTED INDIVIDUAL TOTAL SCORE

To adjust for possible differences in difficulty among the forms of this assessment, the raw score (the total number of points received) is converted to an adjusted raw score through a standard process known as equating. The adjusted individual total score is a function of the adjusted raw score divided by the total number of points possible on the assessment.

$$\frac{\text{Adjusted raw score}}{\text{Total number of points possible}} \times 100$$

The adjusted individual total score is on a scale of 0% to 100% and is incremented in units of 0.1%. For example, if a student received 76 points (raw score) and an adjusted raw score of 75.5810 on a test that has 99 total points possible, then the adjusted individual total score is equal to 76.3%:

$$\frac{75.5810}{99} \times 100 = 76.3\%$$

The adjusted raw score is a decimal number because the NGN assessment requires a high precision of measurement.

ITEM SCORING

ATI follows NCSBN guidance for item scoring. Accordingly, each item is worth one or more points. Depending on the item-specific scoring method, a student's response may earn full, partial, or no points.

TOTAL NUMBER OF POINTS POSSIBLE

The total number of points possible is the sum of the number of points possible of all scored items and is greater than the total number of scored items on the assessment. The total number of points possible may vary across assessment versions.

PRETEST ITEMS

There are 10 unscored and 90 scored questions throughout the assessment. The unscored questions are used for research purposes.

NATIONAL MEAN

This is the average score of all examinees.

PROGRAM MEAN

This is the average score of all examinees within your specified program type.

NATIONAL PERCENTILE RANK

This is the percentage of examinees who scored at or below your score.

PROGRAM PERCENTILE RANK

This is the percentage of examinees within your program type who scored at or below your score.

TOPICS TO REVIEW

Based on the questions missed on this assessment, a listing of content areas and topics to review is provided. A variety of learning resources can be used in the review process, including content, images, animations and videos in ATI's Content Mastery Series® Review Modules, online practice assessments, and a focused review that is individualized to the questions missed.