

Topics To Review

Maintaining a Safe Environment: Evaluating Understanding of Fall Risk Prevention Strategies (RN QSEN - Safety , Active Learning Template - Basic Concept, RM Leadership 8.0 Chp 4)

Standard Precautions/Transmission-Based Precautions/Surgical Asepsis (1 item)

Maintaining a Safe Environment: Evaluating Staff Understanding of Precautions for Measles (RN QSEN - Teamwork and Collaboration, Active Learning Template - Basic Concept, RM Leadership 8.0 Chp 4)

Health Promotion and Maintenance (3 items)

Ante/Intra/Postpartum and Newborn Care (1 item)

Prenatal Care: Managing Heartburn in the Second Trimester (Active Learning Template - Basic Concept, RM MN RN 11.0 Chp 4)

Health Promotion/Disease Prevention (2 items)

Epidemiology and Communicable Diseases: Teaching a Group of Older Adults About Immunizations (RN QSEN - Safety , Active Learning Template - Growth and Development, RM CH RN 8.0 Chp 3)

Health Promotion of Infants (2 Days to 1 Year): Immunization Recommendations for a 2-Month-Old Infant (RN QSEN - Safety , Active Learning Template - Growth and Development, RM NCC RN 11.0 Chp 3)

Psychosocial Integrity (3 items)

Stress Management (1 item)

Stress Management: Teaching Progressive Muscle Relaxation (RN QSEN - Patient-centered Care, Active Learning Template - Basic Concept, RM MH RN 11.0 Chp 9)

Substance Use and Other Disorders and Dependencies (2 items)

Substance Use Disorders: Medication to Administer to a Client Who Has Benzodiazepine Toxicity (Active Learning Template - Therapeutic Procedure, RM Pharm RN 8.0 Chp 12)

Substance Use Disorders: Medications to Treat Manifestations of Alcohol Withdrawal (Active Learning Template - Therapeutic Procedure, RM Pharm RN 8.0 Chp 12)

Basic Care and Comfort (2 items)

Nutrition and Oral Hydration (2 items)

Acute Infectious Gastrointestinal Disorders: Laboratory Findings to Report for a Child Who Has Dehydration (Active Learning Template - System Disorder, RM NCC RN 11.0 Chp 22)

Enteral Nutrition: Intervening for Hyperosmolar Dehydration (Active Learning Template - Nursing Skill, RM Nutrition 7.0 Chp 9)

Pharmacological and Parenteral Therapies (4 items)

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

Heart Failure and Pulmonary Edema: Manifestations of Digoxin Toxicity (RN QSEN - Safety , Active Learning Template - Medication, RM AMS RN 11.0 Chp 32)

Medication Administration (2 items)

Gastrointestinal Disorders: Teaching About Scopolamine (RN QSEN - Safety , Active Learning Template - Medication, RM Pharm RN 8.0 Chp 29)

Medications for Depressive Disorders: Reporting Manifestations of Serotonin Syndrome (RN QSEN - Patient-centered Care, Active Learning Template - Medication, RM MH RN 11.0 Chp 22)

Parenteral/Intravenous Therapies (1 item)

Cardiovascular Diagnostic and Therapeutic Procedures: Obtaining a Client's Blood Pressure (RN QSEN - Safety , Active Learning Template - Therapeutic Procedure, RM AMS RN 11.0 Chp 27)

Reduction of Risk Potential (2 items)

Therapeutic Procedures (2 items)

Assessment of Fetal Well-Being: Teaching a Client About Nonstress Testing (Active Learning Template - Diagnostic Procedure, RM MN RN 11.0 Chp 6)

Disorders of the Eye: Evaluating a Client's Understanding of Cataract Removal (RN QSEN - Patient-centered Care, Active Learning Template - Therapeutic Procedure, RM AMS RN 11.0 Chp 12)

Physiological Adaptation (4 items)

Alterations in Body Systems (3 items)

Gastrointestinal Therapeutic Procedures: Discharge Teaching for a Client Who Has a New Ostomy (RN QSEN - Patient-centered Care, Active Learning Template - Therapeutic Procedure, RM AMS RN 11.0 Chp 47)

Topics To Review

Hemodialysis and Peritoneal Dialysis: Changing a Peritoneal Catheter Dressing (Active Learning Template - Nursing Skill, RM AMS RN 11.0 Chp 57)

Respiratory Management and Mechanical Ventilation: Responding to a High-Pressure Ventilator Alarm (Active Learning Template - Therapeutic Procedure, RM AMS RN 11.0 Chp 19)

Hemodynamics (1 item)

Valvular Heart Disease: Cardiac Assessment Following Valvuloplasty (Active Learning Template - Nursing Skill, RM AMS RN 11.0 Chp 33)

Outcomes

Nursing Process	No of Items	Individual Score	Description
RN Assessment	8	62.5%	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	17	82.4%	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	10	60.0%	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	31	64.5%	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	9	55.6%	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 in Nursing	No of Items	Individual Score	Description
	6	50.0%	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 Items	Individual Score	Description
Foundational Thinking in Nursing	13	92.3%	Ability to recall and comprehend information and concepts foundational to quality nursing practice.
Clinical Judgment/Critical Thinking in Nursing	62	61.3%	Ability to use critical thinking skills (interpretation, analysis, evaluation, inference, and explanation) to make a clinical judgment regarding a posed clinical problem. Includes cognitive abilities of application and analysis.

NCLEX®	No of Items	Individual Score	Description
RN Management of Care	15	73.3%	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	9	66.7%	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	7	57.1%	The nurse directs nursing care to promote prevention and detection of illness and support optimal health.
RN Psychosocial Integrity	7	57.1%	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	11	63.6%	The nurse administers, monitors and evaluates pharmacological and parenteral therapy.
RN Reduction of Risk Potential	9	77.8%	The nurse directs nursing care to decrease clients' risk of developing complications from existing health disorders, treatments or procedures.
RN Physiological Adaptation	10	60.0%	The nurse manages and provides nursing care for clients with an acute, chronic or life threatening illness.

Clinical Areas	No of Items	Individual Score	Description
Fundamentals	8	87.5%	Ability to apply fundamental nursing principles and skills to basic needs of clients. Topics include foundational client care concepts (ie: medical and surgical asepsis, infection control, physical assessment, therapeutic communication, medication administration, pain management integral to the delivery of safe, ethical, and legal nursing practice.
Adult Medical-Surgical	18	55.6%	Ability to apply medical-surgical nursing knowledge to clinical problems experienced by adults. Topics include care of clients with cardiovascular, hematologic, gastrointestinal, neurosensory, endocrine, fluid and electrolyte, integumentary, lymph/immune/infectious, renal and urinary, musculoskeletal, reproductive, and respiratory disorders as well as topics relevant to perioperative nursing care and emergency care/triage.
Maternal Newborn	10	80.0%	Ability to apply nursing knowledge to perinatal nursing care. Topics include antepartum, intrapartum, and postpartum nursing care as well as care of the newborn.
Mental Health	8	75.0%	Ability to apply nursing knowledge to the care of clients with mental health disorders. Topics include foundational mental health concepts (e.g., therapeutic communication, therapeutic milieu, legal/ethical issues), care of clients experiencing psychobiologic disorders or psychiatric emergencies, and care of clients receiving traditional nonpharmacological and psychopharmacological therapies.
Nursing Care of Children	9	77.8%	Ability to apply nursing knowledge to clinical problems experienced by children. Topics include basic concepts (e.g., medication administration, physical assessment, nutritional needs), care of children with various system disorders, care of children experiencing pediatric emergencies (e.g., accidental poisoning, respiratory arrest), and care of children with psychosocial disorders.
Leadership	8	50.0%	Ability to manage the care of a caseload of clients and nursing care team while using principles of management and supervision. Topics include leadership skills (ie: interdisciplinary collaboration, advocacy, prioritization, delegation), performance improvement, continuity of client care, and principles of case management while ensuring safe client care and efficient utilization of human and material resources.
Community Health	5	60.0%	Ability to apply concepts related to public and community health. Topics include primary, secondary, and tertiary interventions, health screening, health related education, home health and injury prevention, disaster planning, and cultural diversity.
Pharmacology	5	40.0%	Ability to apply concepts related to the pharmacodynamics and pharmacotherapeutics of commonly prescribed medications for clients with physical and mental health disorders. Topics include principles of medication administration and dosage calculation, side/adverse effects, drug/food interactions, contraindications, and nursing implications integral to the safe administration of medications to clients across the lifespan.
Nutrition	4	75.0%	Ability to apply nursing knowledge to normal nutrition and diet therapy. Topics include the collection of data regarding nutritional status; implementation of actions to promote normal nutrition or dietary modification in response to illness; and evaluation of the client's response to diet therapy.

QSEN	No of Items	Individual Score	Description
Safety	17	58.8%	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	34	67.6%	The use of current knowledge from research and other credible sources to make clinical judgments and provide client-centered care.
Informatics	2	100.0%	The use of information technology as a communication and information gathering tool that supports clinical decision making and safe, scientifically based nursing practice.
Quality Improvement	2	50.0%	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.
Teamwork and Collaboration	3	33.3%	The delivery of client care in partnership with multidisciplinary members of the health care team, to achieve continuity of care and positive client outcomes.

Score Explanation and Interpretation

Individual Performance Profile

ADJUSTED INDIVIDUAL TOTAL SCORE

To adjust for possible differences in difficulty among the forms of this assessment, the raw score (the total number of items correct) is converted to the adjusted individual total score through a process known as equating. The adjusted individual total score is on a scale of 0% to 100%.

SUBSCALE SCORES

The subscale scores appear in bold on the score report. These raw scores are not equated scores and should not be compared to other subscale scores or across administrations. These scores are intended to help students identify where their understanding of the content may be lacking and therefore what content areas they may want to target for further study. The subscale scores are on a scale of 0% to 100%.

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 may be used in the review process, including ATI focused reviews, ATI's Content Mastery Series® Review Modules, and any additional information provided in the ATI RN Capstone course.

ATI RN CAPSTONE CONVERSION TABLE

The table below has all possible adjusted individual total scores that a student may be assigned on an ATI RN Capstone Content Review pretest or posttest. Additionally, corresponding estimated RN Comprehensive Predictor percentile ranks are provided. This table shows the expected percentile rank on the RN Comprehensive Predictor within which a student is likely to score given the student's adjusted individual total scores on an ATI RN Capstone test.

For example, if a student's score on the ATI RN Capstone pretest is 66.7%, this student is likely to score a percentile rank of 44 on the RN Comprehensive Predictor exam. If a student's score on the ATI RN Capstone posttest is 79.3%, this student is likely to score a percentile rank of 91 on the RN Comprehensive Predictor exam.

ATI RN Capstone Pre/Post Adjusted Individual Total Score	Estimated RN Comprehensive Predictor Percentile Rank	ATI RN Capstone Pre/Post Adjusted Individual Total Score	Estimated RN Comprehensive Predictor Percentile Rank
0.0% to 46.0%	1	67.3%	47
46.7% to 48.7%	2	68.0%	50
49.3% to 50.0%	3	68.7%	53
50.7% to 51.3%	4	69.3%	56
52.0% to 52.7%	5	70.0%	59
53.3%	6	70.7%	62
54.0%	7	71.3%	65
54.7%	8	72.0%	68
55.3%	9	72.7%	71
56.0%	10	73.3%	73
56.7%	11	74.0%	76
57.3%	13	74.7%	78
58.0%	14	75.3%	81
58.7%	16	76.0%	83
59.3%	17	76.7%	85
60.0%	19	77.3%	87
60.7%	21	78.0%	88
61.3%	23	78.7%	90
62.0%	25	79.3%	91
62.7%	28	80.0%	93
63.3%	30	80.7%	94
64.0%	32	81.3%	95
64.7%	35	82.0% to 82.7%	96
65.3%	38	83.3%	97
66.0%	41	84.0% to 85.3%	98
66.7%	44	86.0% to 100.0%	99