

ARKANSAS TECH UNIVERSITY

DEPARTMENT OF NURSING



NUR 4206

THEORIES AND CONCEPTS IN NURSING III

Spring 2020

INDEX

Topic	Page
Course Number, Title and Catalogue Description	3
Faculty Information	3
Textbooks and Bibliography.....	3
Conduct of the Course	4
Justification/Rationale for Course.....	4
Assessment (Evaluation Methods)	6
Policies	8
Course Outline	9
Unit I Orientation	10
Unit II Overview of Psychiatric-Mental Health Nursing	11
Unit III Nurse-Patient Relationship	13
Unit IV Group Process	14
Unit V Crisis Intervention Theories and Strategies.....	15
Unit VI Man's Adaptation to Alterations in Psychosocial Functioning	
A. Mood Disorders	16
B. Anxiety and Related Disorders	17
C. Somatic Symptoms and Related Disorders	18
D. Schizophrenia and other Related Disorders	19
E. Childhood and Eating Disorders	20
F. Personality Disorders.....	21
G. Substance Abuse.....	22
H. Military Families.....	23
Unit VII Man's Adaptations to Alterations in Physiological Functioning	
A. Gas Exchange and Respiratory Function	24
B. Cardiovascular, Circulatory and Hematologic Function	25
C. Hematologic Disorders	26
D. Immunologic Function	27
E. Metabolic and Endocrine Function	28
F. Digestive and Gastrointestinal Function	29
G. Renal and Urinary Tract Function	30
H. Burns	31
I. Neurological Function	32
J. Shock and Multiple Organ Dysfunction Syndromes	33
K. Care of Patient with Cancer	34
L. Trauma Patients.....	36
M. Musculoskeletal Disorders	37

ARKANSAS TECH UNIVERSITY
Department of Nursing

Course: NUR 4206 (01)

Course Title: Theories and Concepts in Nursing III

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Required Textbooks:

Retain texts from previous nursing courses.

Additional Texts:

Hinkle, J., & Cheever, K. (2014). Brunner & Suddarth's Textbook of Medical-Surgical Nursing (14th Ed.). Philadelphia, PA: Lippincott, Williams & Wilkins.

Boyd, M.A. (2018) *Psychiatric Nursing: Contemporary Practice* (6th Ed.).
Philadelphia, PA: Wolters Kluwer

V-Sim Mental Health ISBN: 9781469894232

V-Sim F/Nursing Medical Surgical ISBN: 9781469871097

Course/Catalogue Description:

The course focuses on promoting, supporting and restoring health in patients and families experiencing psychosocial and physiological mal-adaptation and crisis. The nursing process is the methodology used to assist patients and families move toward optimal health. Crisis and crisis intervention, the utilization of research findings, and the role of the nurse as communicator, collaborator, researcher, teacher, caregiver, and advocator are an integral part of the course.

Credit Hours: Six (6) Hours

Contact Hours: Six (6) Hours

Placement: Senior Year

Bibliography

Use the required and suggested readings in syllabus, readings at end of chapters in text and the computerized nursing indexes as bibliography.

Lists of AV Media Resources for mental health nursing, nursing theorists and different areas of medical surgical nursing are interspersed throughout the syllabus.

CONDUCT OF THE COURSE

Teacher Role:

Demonstrator, Evaluator, Facilitator, Resource Person, Role Model, Communicator, and Supporter.

Student Role:

Learner, Teacher, Advocate, Care Giver, Communicator, and Researcher.

Teacher-Learning Strategies:

Lecture and discussion, student presentation of seminars, role playing, simulation, group presentation, character analysis, anatomical models, charts, diagrams, and audiovisual materials including posters and videotapes, and other critical thinking activities.

Justification/Rationale for the Course

By the completion of this course the student will progress toward student learning outcomes 1, 2, and 5.

This upper division professional nursing course provides opportunities for the student to apply knowledge and skills from the general education component and from nursing courses to the care of individuals, families and groups.

Course Objectives:

On completion of the course, the student should be able to:

1. Relate principles, concepts, and theories derived from the humanities, biological, and behavioral sciences to nursing care of patients experiencing crises.
2. Apply the nursing process in a caring manner in the holistic care of individuals, families and groups who are experiencing physical and psychological maladaptation.
3. Analyze the role of communicator, researcher, caregiver, teacher, collaborator, and advocate as they apply to individuals, families, and groups experiencing crisis.
4. Compare and contrast the commonalities and differences of nursing care of patients experiencing major crises.
5. Relate the concepts of promotive, supportive, and restorative care as applied to individuals, families, and groups.
6. Analyze group processes as they affect both the patients' and nurses' (professional) growth and development.
7. Recognize the importance of nursing standards of care in professional nursing practice.
8. Value the bio-psycho-social, spiritual and cultural aspects of individuals, families, and groups.
9. Analyze current research findings as they relate to the care of individuals, families, and groups who are experiencing physical and/or psychological crises.
10. Analyze professional responses to ethical and legal issues associated with patients experiencing major physical and/or psychological crises.
11. Assume an active role in own professional development.

Discrimination Statement:

Arkansas Tech University does not discriminate on the basis of color, sex, sexual orientation, gender identity, race, age, national origin, religion, veteran status, genetic information, or disability in any of our practices, policies, or procedures. If you have experienced any form of discrimination or harassment, including sexual misconduct (e.g. sexual assault, sexual harassment, stalking, domestic or dating violence), we encourage you to report this to the institution. If you report such an incident of misconduct to a faculty or staff member, they are required by law to notify Arkansas Tech University's Title IX Coordinator and share the basic fact of your experience. The Title IX

Coordinator will then be available to assist you in understanding all of your options and in connecting you with all possible resources on and off campus. For more information please visit: <http://www.atu.edu/titleix/index.php>.

Disability Statement:

Arkansas Tech University adheres to the requirements of the Americans with Disabilities Act in order to prevent barriers to academic accessibility. If you need an accommodation due to a disability, please contact the ATU Office of Disability Services, located in Doc Bryan Student Center, Suite 141, or visit <http://www.atu.edu/disabilities/index.php>.

Class Attendance:

1. Regular class attendance is considered essential if students are to receive maximum benefit from the course. The student is responsible for meeting all classes as scheduled and on time. Control of class attendance is vested in the teacher. Please refer to Tardy and Attendance Policy in Student Handbook for detailed information.
2. Students tardy to class are encouraged to be courteous to their fellow classmates and enter only at designated break times.
3. Only officially invited guests are to attend nursing classes.
4. Planned learning experiences outside the classrooms are an integral part of the nursing course. These experiences will be announced at least three (3) weeks in advance and all students are expected to participate.

Cell Phone Policy

There is a **NO cell phone policy for all upper division testing/test review**. This includes paper/pencil testing, test review, cooperative testing, and computer testing. If you are discovered with having a cell phone on your person, this will be considered a violation of the Academic Honesty Policy. If we discover that you have your cell phone with you during a unit exam/cooperative testing or unit exam review **you will receive a 0 for the test grade**.

STANDARDIZED TESTS

Students are required to take standardized exams before completion of the course. Students must complete the Kaplan Medical Surgical Comprehensive and Psychosocial exams. All students will be required to remediate each incorrect answer on the exams (2 minutes on missed/ 1 minute on correct. If remediated by final, 5 points added to course grade for Kaplan Exams. **MUST REMEDIATE BOTH**). The two exams will count 5% of the Theory and Concept III grade. Grades will be awarded as follows:

Percentile Ranking	Course Grade
90-99th	98
80-89	95
70-79	90
60-69	86
50-59	82
40-49	74
30-39	66
20-29	58
10-19	50
Below 10	40

Assessment (Evaluation) Methods

1. Grading Scale

A = 90-100
B = 80-89
C = 75-79
D = 68-74
F = 67 and below

2. A grade of "C" or above must be achieved in every nursing course in order to progress in the nursing program. There will be no rounding of grades except on final grades. All tests and other assignments will be carried to the hundredth. Grades of 75% or less will not be rounded.
3. You must complete all exams with a cumulative grade of 75% to successfully complete the course.
4. A semester grade of "I" or "Incomplete" maybe recorded for a student who has not completed all the requirements of a course because of illness or other circumstances beyond the student's control, provided work already completed is of passing quality. Before a grade of "I" may be recorded, the student and instructor must determine course requirements to be completed and the completion date. (See Student Handbook)
5. Examinations will be taken at designated times. If a student cannot take the examination at the regularly scheduled time, he/she is responsible for contacting the instructor and making arrangements to make up the examination. Make-up examinations will be essay or objective in nature at the discretion of the instructor and will be scheduled on the first day student returns to class.

6. Course Grade

Written Examination:
Seven (7) unit tests.....75%
Comprehensive Final Exam.....15%
Pop tests/Quizzes.....5%
Kaplan exams.....5%
100%

Professional Activities.....Maximum of two points may be designated for this course.

VSim will be scored as weighted quiz worth 20 points. You must do prequiz. You get unlimited attempts @VSim, must score 80% on VSim with NO 3x errors. You get 2 attempts on the post test. Score is the VSim + post test.

Academic Honesty

Students are expected to be honest and truthful in both classroom and practicum experiences. They are expected to adhere to the Code of Ethics and uphold current standards of care. Students are referred to the Arkansas Tech University Student Handbook for more specific regulations regarding academic honesty.

Students are expected to:

- a. Perform their assigned tasks in the practicum experiences. Students should have the permission of the clinical instructor before using assistance from the staff.
- b. Notify the instructor immediately of any clinical error made so that steps can be taken to prevent harm to the patient.
- c. Present written work that is theirs alone.

- d. Correctly document any materials from a textbook, pamphlet, journal, etc., that is used for an assignment.
- e. Be honest and truthful when writing clinical logs and giving verbal or written reports regarding patient care or the student's clinical experiences or assignments.
- f. Only use authorized devices or materials for an examination and not copy from other students' papers.
- g. Document material correctly. Plagiarism is defined as stealing and presenting as one's own ideas or words of another, or not documenting material correctly. Student papers may be evaluated by [turnitin.com](https://www.turnitin.com) which can detect plagiarism.

For the first occurrence of academic dishonesty, the student will receive an F. If there is a second occurrence, the student will be dismissed from the program. Students are referred to the ATU catalog and handbook for policies regarding plagiarism.

Policies

Dress and Behavior:

1. The nursing student is expected to dress appropriately while attending class.
2. Smoking is not allowed in any classroom.
3. Students are expected to:
 - a. Present written work that is theirs alone.
 - b. Correctly document any materials from a textbook, pamphlet, journal, etc. that is used for an assignment.
 - c. Only use authorized devices or materials for an examination and no copying from other students' papers.
 - d. Plagiarism is defined as stealing and presenting as one's own ideas or words of another, or not documenting material correctly.
4. Cell phones must be kept on silent/vibrate and visible only during break time.
5. No eating during class.
6. During testing, do not wear hats or caps, or have phones with you.

Computer Requirements

1. It is the student's responsibility to check ATU email daily. Email is used as the primary method of communication with students outside of the classroom setting.
2. Some lectures will be presented in an online format. Real Player MP3 and/or Adobe Shockwave Player may be needed for viewing. High-speed internet may be needed for viewing online videos.

Research Day

During Level III or IV (Spring semester) students will be required to attend Research Day. Students are encouraged to keep the Research Day objectives for a Level IV portfolio.

Expenses

Some expenses may be occurred during Theories and Concepts III. Examples of these expenses may include Research Day.

COURSE OUTLINE
NUR 4206 THEORIES AND CONCEPTS IN NURSING III

I. Orientation

- A. Course Objectives, Mission and Outcomes of Program and Curriculum Schema
- B. Conduct of the Course
- C. Nursing Roles
- D. Evidence Based Practice

II. Overview of Psychiatric Mental Health Nursing

III. Nurse-Patient Relationships

IV. Group Dynamics/Group Process

V. Crisis Intervention--Theories and Strategies

VI. Man's Adaptation to Alterations in Psychosocial Functioning

- A. Mood Disturbance
- B. Anxiety and Related Disorders
- C. Somatic Symptoms and Related Disorders
- D. Schizophrenia and other Related Disorders
- E. Childhood and Eating Disorders
- F. Personality Disorders
- G. Substance Abuse
- H. Homelessness and Mental Health

VII. Man's Adaptation to Alterations in Physiological Functioning

- A. Gas Exchange and Respiratory Function
- B. Cardiovascular Function
- C. Musculoskeletal
- D. Hematologic Disorders
- E. Immunologic Function
- F. Metabolic and Endocrine Function
- G. Digestive and Gastrointestinal Function
- H. Renal and Urinary Tract Function
- I . Burns
- J. Neurological Function
- K. Shock and Multiple Organ Dysfunction Syndrome
- L. Care of the Patient with Cancer
- M. Trauma Patient

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT I - Orientation and Introduction

<i>OBJECTIVES</i>
Upon completion of this focus, the student should be able to: <ol style="list-style-type: none">1. Review the course objectives and their relationship to program mission and outcomes.2. Survey the course requirements and conduct of course.3. Discuss nursing roles of collaborator and advocator.4. Apply nursing research to nursing practice
<i>LEARNING ACTIVITIES</i>
Group discussion

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT II - Overview of Psychiatric Mental Health Nursing

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Discuss the importance of evidence-based psychiatric-mental health nursing practice.
2. Recognize how the social/political environment influenced the development of the psychiatric nursing role: Deinstitutionalization, World Wars, National Mental Health Act, National Institute of Mental Health (NIH), Community Mental Health Centers Act, National Center for Nursing Research in NIH, Center for Mental Health Services
3. Discuss cultural factors that influence attitudes towards mental health and mental illness and recovery.
4. Recognize theorized influences in the development of psychiatric disorders, including brain physiology, genetics, endocrine function, immune system and psychological and environmental factors.
5. Discuss legal and ethical components of psychiatric nursing and mental health care.
6. Utilize the nursing process in holistic health care delivery of patients with mental health diagnosis.
7. Outline the qualities of effective mental health nursing as described in ANA'S Standards of Psychiatric-Mental Health Nursing Practice Standards of Care and Standards of Professional Performance
8. Analyze own feelings and attitudes about psychiatric - mental health nursing and how you can contribute through critical thinking.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT II - Overview of Psychiatric Mental Health Nursing (continued)

LEARNING ACTIVITIES

Before class read:

Boyd, M.A. *Psychiatric Nursing*: Chapters 1, 2, 4, 6, 8, 10

Critical thinking activity prior to class:

Review the criteria of mental health and write a self-evaluation of your areas of strength and areas of challenges in terms of your personal growth. Submit on Blackboard, journal assignment.

Plan to review the self-evaluation and at the end of the semester to evaluate your personal growth. Submit on Blackboard, Journal assignment.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT III - Nurse-Patient Relationship
FOCUS: One-to-One Relationships and Therapeutic Communication

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Analyze the role of the psychiatric nurse.
2. Identify and begin the process of self-awareness as it relates to the therapeutic nurse-client relationship.
3. Compare and contrast social and therapeutic relationships.
4. Discuss the development of the nurse-client relationship and the nurse's tasks during the development of the nurse-client relationship.
5. Describe how the nurse uses each of the responsive and active dimensions in a therapeutic relationship in order to show caring: Genuineness, Respect, Empathy, Rapport, and Trust.
6. Analyze therapeutic and non-therapeutic communication.
7. Identify components of nonverbal communication.
8. Discuss the process of an interpersonal process recording.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*: Chapter 9

Class activities:

Interpersonal Process Recordings

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT IV - Group Process
FOCUS: Group Dynamics/Group Process Issues

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Discuss ways that nurses can use group process and theory in a variety of settings: Education, Coping assistance, Support, Crisis intervention, Treatment.
2. Identify important conditions that influence small groups: Structure, Size, Length of sessions, Communication, Open or closed group, Leadership style, Challenging group behaviors.
3. List the major types of roles individuals can play in groups and give examples of each role.
4. Relate the stages of small group development to experiences the student has had in a group in the past.
5. Summarize the types of groups that nurses frequently lead (at beginning and at advanced practice levels).
6. Analyze your own group communication style and relate it to your potential as a group leader.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*, Chapter 13

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT V - Crisis Intervention: Theories and Strategies
FOCUS: The Client Adapting to Crisis

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Describe the types of crisis and losses.
2. Delineate interventions that promote positive resolution of crisis.
3. Describe nursing care for persons experiencing crisis, loss, grief, bereavement and disaster.
4. Identify bio-psycho-social factors that influence the expression of aggressive and violent behavior.
5. Identify behaviors that escalate and d-escalate violent behavior.
6. Apply the nursing process to clients experiencing anger or aggression.
7. Describe factors that increase the risk of suicide.
8. Apply the nursing process to individuals exhibiting suicidal behavior.
9. Describe the nurse's responsibilities in promoting short and long-term recovery in suicidal adult inpatients.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*. Chapters 19, 20, 21

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VI- Man's Adaptation to Alterations in Psychosocial Functioning
FOCUS A: Mood Disorders

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Recognize that disturbances in mood occur on a continuum of emotional responses.
2. Analyze behaviors associated with mood disorders.
3. Describe factors or theories that help explain the development of mood disorders.
4. Formulate appropriate nursing diagnoses and expected outcomes for patients with mood disorders.
5. Analyze current treatment modes and pertinent research findings related to the nursing care of patients exhibiting mood disturbances.
6. Formulate a patient education plan related to psychopharmacology commonly used in the treatment of mood disorders.
7. Describe the nursing roles and behaviors utilized to assist patients with mood disorders and their families to develop and maintain optimal wellness.
8. Evaluate nursing care for patients experiencing disturbances in mood.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*. Chapters 23, 24

Prior to class: Complete V Sim,
LiNa Chen- Part I and II
Sharon Cole

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VI - Man's Adaptation to Alterations in Psychosocial Functioning
FOCUS B: Anxiety and Related Disorders

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Assess predisposing factors, precipitating stressors, and behaviors related to anxiety responses.
2. Describe coping responses and coping mechanisms related to anxiety responses.
3. Discuss the etiology and manifestations of the different types of anxiety reactions (panic disorders, generalized anxiety disorder, obsessive - compulsive disorders, phobias, post-traumatic stress disorders).
4. Formulate nursing care plans for patients experiencing anxiety reaction.
5. Analyze nursing interventions for patients with anxiety reactions of all levels of severity: moderate, severe and panic.
6. Evaluate nursing care related to patient's experience in anxiety reactions.
7. Discuss various modalities used in the treatment of anxiety disorders.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*, Chapter 25, 26, 27

Prior to class: Complete V Sim, Linda Waterfall

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VI - Man's Adaptation to Alterations in Psychosocial Functioning
FOCUS C: Somatic Symptom and Related Disorders

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Define and describe various somatic symptom and dissociative disorders.
2. Describe various types of somatic symptom and dissociative disorders and signs and symptoms of each.
3. Identify predisposing factors in the development of somatic symptom and dissociative disorders.
4. Describe evidence-based somatic symptom and related disorders.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*. Chapter 32

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VI - Man's Adaptation to Alterations in Psychosocial Functioning
FOCUS D: Schizophrenia and Other Related Disorders

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Discuss the major theories as they relate to the development of schizophrenia or a related disorder.
2. Assess associated behaviors, predisposing factors and precipitating stressors related to schizophrenia and related disorders.
3. Analyze assessment data for nursing diagnoses formation for patients experiencing severe psychotic behavior.
4. Discuss expected outcomes for patients experiencing schizophrenia.
5. Analyze nursing interventions including medications, for patients experiencing schizophrenia.
6. Incorporate research findings and recovery-oriented interventions into nursing care for patients experiencing schizophrenia or other related disorders.
7. Evaluate nursing care related to patients experiencing schizophrenia.
8. Discuss other common schizophrenia spectrum disorders.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*: Chapter 22

Prior to Class: Complete V Sim, TBA David Carter, Parts I and II

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VI - Man's Adaptation to Alterations in Psychosocial Functioning
FOCUS E: Childhood and Eating Disorders

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Discuss the etiology of psychiatric disorders first diagnosed in infancy, childhood and adolescence: mental retardation, attention-deficit/hyperactivity disorder, conduct disorder, oppositional defiant disorder, Tourette's disorder, separation anxiety disorder, and intermittent explosive disorder.
2. Utilize the nursing process to develop a plan of care pertinent to each specific disorder; identify nursing diagnoses common to clients with these disorders; select appropriate nursing interventions for each and discuss relevant criteria for evaluating nursing care.
3. Describe treatment modalities relevant to selected disorders of infancy, childhood, and adolescence.

LEARNING ACTIVITIES

Before class read:

Boyd, M.A., *Psychiatric Nursing*. Chapters:

Learning activities:

Class Discussion
Case Studies

Critical thinking exercise:

Prior to class, complete the learning activities at the end of the chapters.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VI - Man's Adaptation to Alterations in Psychosocial Functioning
FOCUS F: Personality Disorders

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Discuss the prevalence and incidence of personality disorders.
2. Identify the clinical features of borderline personality disorders including emotional dysregulation and self-harm.
3. Analyze the prevailing theories explaining the development of personality disorders.
4. Formulate nursing diagnoses and interventions for individuals with specific personality disorders.
5. Apply the nursing process to individuals with a diagnosis of borderline personality disorder.
6. Analyze concerns within the nurse – patient relationship when treating those with personality disorders.
7. Compare and contrast borderline, antisocial and other personality disorders.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*, Chapter 28, 29

Class activities: Prior to class: Complete V Sim, Sandra Littlefield

Extra Credit/Bonus Points:

Watch the movie “Fatal Attraction” and answer the Viewing Points Questions, pg. 506.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VI - Man's Adaptation to Alterations in Psychosocial Functioning
FOCUS G: Substance Abuse

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Differentiate between substance abuse, addiction, denial and motivation.
2. Describe the actions, effects and withdrawal symptoms of alcohol, marijuana, stimulants, tobacco, hallucinogens, opioids, inhalants and gambling disorders.
3. Discuss care and treatment of persons with substance and non-substance-related disorders.
4. Describe how the nursing process may be used in relation to substance abuse.
5. Recognize feelings you have toward a chemically dependent patient that might interfere with providing effective nursing care.

LEARNING ACTIVITIES

Required reading:

Boyd, M.A., *Psychiatric Nursing*, Chapter 30

Prior to Class: Complete V Sim, Andrew Davis

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Alterations in Psychosocial Functioning
FOCUS H: Homelessness and Mental Illness

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Describe the risk factor for becoming homeless.
2. Describe challenges for individuals who are homeless and have a mental illness.
3. Discuss personal and societal attitudes and beliefs regarding homelessness.
4. Describe nursing care for individuals who are homeless and have a mental illness.
5. Discuss the importance of advocacy for those who are homeless and have a mental illness.

LEARNING ACTIVITIES

Required Reading:

Boyd, M.A., *Psychiatric Nursing*. Chapter: 39.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Alterations in Physiological Functioning
FOCUS A: Gas Exchange and Respiratory Function

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Identify and discuss alterations of gas exchange and respiratory functions.
2. Identify manifestations of malfunction of the respiratory system.
3. Interpret arterial blood gas (ABG) results.
4. Discuss pharmacological agents and treatments used in patients with respiratory disorders.
5. Explain and discuss respiratory modalities of endotracheal tube, tracheostomy, chest tubes and Ventilator. Also discuss nursing care needs for these patients.
6. Describe care for patients having surgery of the respiratory system.
7. Use the nursing process as a framework for nursing care of patients with respiratory disorders.

LEARNING ACTIVITIES

1. Review anatomy, physiology, pathophysiology and physical assessment texts/notes
2. Brunner and Suddarth: Chapters 20 (p485-488), 21 (p521-551), 23 (p609-620, 629-633), 24 (p664-669)

Prior to class: V Sim Vincent Brady

Available A-V for Gas Exchange

SK 005 Chest Tube Drainage
CM 0529 Acid Base Balance #1
CM 0530 Acid Base Balance #2
CM 0531 Acid Base Balance #3
BLO 19 Asthma, Emphysema, and Chronic Bronchitis
BLO 10 Asthma, Emphysema, and Chronic Bronchitis
SK 041 Oxygen Administration

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Alterations in Physiological Functioning
FOCUS B: Cardiovascular Function

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Identify and discuss alterations of the cardiovascular system.
2. Identify manifestations of malfunction of the cardiovascular system.
3. Discuss laboratory and diagnostic tests used in patients with cardiovascular system disorders.
4. Discuss pharmacological agents and treatments used in patients with cardiovascular system disorders.
5. Discuss special care procedures for patients with disorders of the heart: pacemakers and automatic implantable cardioverter – defibrillators (AICDs), intra-aortic balloon pumps, stents, vigo, and impella.
6. Describe care for patients having surgery for cardiovascular disorders.
7. Use the nursing process as a framework for nursing care of patients with cardiovascular disorders.

LEARNING ACTIVITIES

Review anatomy, physiology, pathophysiology, and physical assessment texts/notes.

Read:

Brunner and Suddart: chapter 25(p699-711); 26,27(p762-789), 28(p791-809), 813-817); 29;30(p861-868; 878-881); 31(p 897-899).

Prior to class: V Sim-Carl Shapiro

Available A-V for Cardiovascular Function

BL 006 Arrhythmias

BL 018 Arrhythmias

BL 012 Reading EKG

BL 022 Heart Failure and Pulmonary Edema

BL 002 Heart Failure and Pulmonary Edema

BL 020 Coronary Artery Disease and Angina Pectoris

BL 024 MI

HA 017 Heart Sounds

HA 31 Sounds of Heart Failure #1

HA 32 Sounds of Heart Failure #2

BL 023 Hypertension

BL 001 Hypertension

BL 007 Reading EKG Rhythm Strips

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS C: Hematologic Disorders

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Identify and discuss alterations of the hematologic system.
2. Identify manifestations of malfunction in the hematologic system.
3. Discuss laboratory and diagnostic tests used in patients with hematological disorders.
4. Discuss pharmacological agents and treatments used in patients with hematological disorders.
5. Discuss special care procedures for patients with hematological disorders.
6. Use the nursing framework for nursing care of patients with hematological disorders.

LEARNING ACTIVITIES

Required reading:

Brunner and Suddarth: Chapters 32, 33, 34

Prior to class: V Sim Lloyd Bemet

Activities: Review anatomy, physiology, pathophysiology and physical assessment texts and notes.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS D: Immunologic Function

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Describe the pathophysiology of HIV infection.
2. Describe the modes of transmission of HIV infection.
3. Describe the management of patients with HIV infection.
4. Discuss nursing diagnoses common to patients with AIDS.
5. Identify nursing interventions appropriate for patients with HIV infection and AIDS.
6. Describe the types of hypersensitivity.
7. Describe measures to prevent and manage anaphylaxis.
8. Discuss the different allergic disorders according to type.
9. Describe the assessment and diagnostic findings that may be evidenced by patients with a suspected diagnosis of rheumatic disease.
10. Identify appropriate nursing interventions for nursing diagnoses that commonly occur with rheumatic diseases.

LEARNING ACTIVITIES

Read:

Brunner and Suddarth
Chapters 35, 36, 37, 38, 39

Prior to Class: V Sim Kenneth Bronson

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS E: Metabolic and Endocrine Function

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Identify and discuss alterations in the metabolic and endocrine system.
2. Identify manifestations that indicate malfunction of the metabolic and endocrine system.
3. Discuss laboratory and diagnostic tests used in patients with metabolic and endocrine disorders.
4. Discuss pharmacological agents and treatments used in patients with metabolic and endocrine disorders.
5. Use the nursing process as a framework to care for patients with metabolic and endocrine disorders.

LEARNING ACTIVITIES

Before class read:

Brunner and Suddarth: Chapters 48, 49, 50, 51(p1481-1488), 52

Prior to Class: V Sim Skylar Hansen

Review:

Anatomy, physiology, pathophysiology and physical assessment text and notes.

View

BL 021 Diabetes mellitus

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS F: Digestive and Gastrointestinal Function

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Explain the etiology and pathophysiology of common esophageal, gastric, and intestinal disorders.
2. Identify clinical manifestations of common esophageal, gastric, and intestinal disorders.
3. Discuss nursing implications of commonly prescribed pharmacological agents in the treatment of esophageal, gastric, and intestinal disorders.
4. Plan pre-and post-operative care for patients undergoing gastric and intestinal surgery.
5. Develop teaching plans for patients with ulcers and inflammatory bowel disease.
6. Use the nursing process as a framework to care for patients with esophageal, gastric, and intestinal disorders.
7. Assess and manage patients with hepatic and biliary disorders.

LEARNING ACTIVITIES

Required reading:

Brunner and Suddarth: Chapters 44, 45(1279-1291), 46, 47

Prior to class: V Sim Stan Checketts

Review pathophysiology notes.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS G: Renal and Urinary Tract Function

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Identify and discuss alterations in renal and urinary tract function.
2. Identify manifestations that indicate renal and urinary tract malfunction.
3. Discuss laboratory and diagnostic tests used in patients with renal and urinary disorders.
4. Discuss pharmacologic and treatments used in patients with renal and urinary tract disorders.
5. Use the nursing process as a framework to care for patients with renal and urinary tract disorders.
6. Discuss special care procedures for patients with disorders of renal and urinary tract disorders:
hemodialysis, peritoneal dialysis and kidney transplant.

LEARNING ACTIVITIES

Required reading:

Brunner and Suddarth: Chapters 53, 54, 55

Review:

Review anatomy, physiology, pathophysiology and physical assessment text/notes.

View:

BLO 11 Acute and Chronic Renal Failure

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS H: Burns

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Discuss the mechanisms of the injury for burns.
2. Explain burn classifications and severity.
3. Discuss tools used to determine extent of burn injury.
4. Explain the physiological response to burns at the local and systemic levels.
5. Discuss the three phases of burn injury.
6. Identify EMS, medical, surgical and nursing interventions for each phase of burn injury.
7. Identify areas of special consideration and interventions that these areas require.
8. Discuss promotions for wound healing.
9. Discuss resources available for burn patients and their families.

LEARNING ACTIVITIES

Before class, read:

Brunner and Suddarth: Ch. 62

Review anatomy, physiology, pathophysiology and physical assessment texts/notes.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS I: Neurological Function

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Identify and discuss alterations of the nervous system.
2. Identify manifestations of malfunction of the nervous system.
3. Discuss laboratory and diagnostic tests used in patients with neurological disorders.
4. Discuss pharmacological agents and treatments used in patients with neurological disorders.
5. Discuss special care procedures for patients with disorders of the nervous system.
6. Describe care for patients having surgery for neurological disorders.
7. Analyze the role of the stroke protocol/algorithm in the treatment of a stroke patient.
8. Using the nursing process as a framework for nursing care of patients with neurological disorders.

LEARNING ACTIVITIES

Review: Anatomy, physiology, pathophysiology and physical assessment texts/notes.

Required Reading:

Brunner andduddarth: Chapters 65(1967-1971); 66, 67, 68, 69

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS J: Shock and Multiple Organ Dysfunction Syndromes

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Define shock.
2. Identify clients at risk for each classification of shock.
3. Discuss the 3 phases of shock.
4. Explain the body's physiological response in each phase of shock.
5. Compare and contrast the 4 classifications of shock:
Hypovolemic, cardiogenic, obstructive, and distributive. Give examples of each.
6. Describe the clinical manifestations of hypovolemic shock, cardiogenic shock, obstructive shock and distributive shock.
7. Compare and contrast the irreversible stage of shock with multiple organ dysfunction syndrome.
8. Discuss the general management strategies in shock.
9. Discuss management specific to all types of shock, and MODS.
10. Use the nursing process as a framework for nursing care of patients with shock, and MODS.

LEARNING ACTIVITIES

Required reading:

Brunner and Suddarth, Ch. 14

Review: Review anatomy, physiology, pathophysiology and physical assessment texts/notes.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS K: Care of Patient with Cancer

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Utilize scientific principles to review patho-physiological adaptations that cause dysfunctional cell proliferation.
2. Discuss the principles associated with the diagnostic and treatment regimens in patients experiencing dysfunctional cell proliferation.
3. Discuss treatment regimens and how chemotherapy and radiation in the destruction of cancer cells.
4. Analyze nursing approaches regarding symptom assessment and management.
5. Stipulate promotive, restorative and supportive nursing care directed toward patients at risk for or experiencing cancer.
6. Consider methods to maintain the integrity of individuals, families and groups throughout episodes of dysfunction due to oncological processes.
7. Incorporate ANA Standards of Nursing Practice into the nursing care of patients with cancer.
8. Recognize the impact of bio-psycho-social, cultural and spiritual needs for the patient with cancer.
9. Explore skills to promote and accept expression of positive and negative feelings regarding diagnosis and prognosis.
10. Discuss ethical issues found within the care of patients with cancer.
11. Utilize research based knowledge to address patient care.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS K: Care of the Patient with Cancer (continued)

LEARNING ACTIVITIES

Required reading:

Brunner and Suddarth: Ch. 15

Hinkle: Following pages covering different cancers in specific systems.

Respiratory:572-581; 620-625; Ortho:1179-1183; GI: 1270-1278, 1286-1289, 1303-1310, 1343-1349;

Endocrine/Metabolic:1417-1420, 1450-1454, 1525-1527; Renal: 1574-1576, 1637-1639; Neuro: 2091-2101

Suggested reading:

- Cancer Health Center, WebMD (2013). Web link: <http://www.webmd.com/cancer/questions-answers-chemotherapy>
- National Cancer Institute at the National Institutes of Health. (n.d.) Web link: <http://www.cancer.gov/>
- Morgan, G. (2003). Chemotherapy and the Cell Cycle. *Cancer Nursing Practice*, 2(1), 27-30. <http://cancernursingpractice.renpublishing.co.uk/archive/article-chemotherapy-and-the-cell-cycle>

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS L: Care of the Patient with Trauma Objectives

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Define trauma.
2. Identify the common mechanisms of injury associated with trauma and the potential injuries from these.
3. Describe the body's response to energy transfer from the environment to human tissue.
4. Describe the pathophysiological changes as a basis for signs and symptoms.
5. Discuss resources needed to care for a trauma patient.
6. Discuss triage.
7. Perform an initial assessment of a trauma patient.
8. Use the nursing process as a framework for nursing care of patients with trauma related injuries.
9. Related the scope of trauma nursing to the trauma care system.
10. Identify ways to prevent trauma.

LEARNING ACTIVITIES

Required Reading:

Brunner and Suddarth: Ch. 72

Prior to class: V. Sim Don's Bowman

Review: Anatomy, physiology, pathophysiology and physical assessment texts/notes.

NUR 4206 THEORIES AND CONCEPTS IN NURSING III
UNIT VII - Man's Adaptations to Physiological Alterations
FOCUS M: Care of the Patient with Disorders of the Musculoskeletal system

OBJECTIVES

Upon completion of this focus, the student should be able to:

1. Identify and discuss alterations of the musculoskeletal system.
 2. Identify and discuss manifestations of malfunction of the musculoskeletal system.
 3. Discuss diagnostic tests, lab, and procedures used to treat musculoskeletal system.
 4. Discuss types of splints, brace, cast, and traction for treatment of disorders/injury to the musculoskeletal system.
 5. Discuss nursing management of patients with disorders of the musculoskeletal system.
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LEARNING ACTIVITIES

Required Reading:

Brunner and Suddarth: Chapters 40(p1131-1143, 1154-1159), 41 ,42

Prior to class V Sim Marilyn Hughes

Review: Anatomy, physiology, pathophysiology and physical assessment texts/notes.
