

## **NURSING 102: NURSING CARE OF ADULTS**

### **UNIT VI: NURSING CARE OF THE INDIVIDUAL WITH DISORDERS OF THE INTEGUMENTARY SYSTEM**

#### **UNIT OBJECTIVES**

##### **AT THE COMPLETION OF THE UNIT, THE STUDENT:**

1. Relates the normal anatomy and physiology of the integumentary system.
2. Explains the importance of normal functioning of the integumentary system to the maintenance of life.
3. Explains the interrelationships of the integumentary system to other body systems.
4. Differentiates normal from abnormal characteristics of nursing assessment for the integumentary system.
5. Explains the purpose, significance, results, and nursing responsibilities of diagnostic studies for the integumentary system.
6. Describes the etiology, clinical manifestations, complications, and nursing responsibilities for the patient with disorders of the integumentary system.
7. Discusses the usual medical, surgical, and nursing management of patients with disorders of the integumentary system.
8. Implements therapeutic nursing care, using the nursing process and critical thinking skills, for patients with disorders of the integumentary system.
9. Utilizes communication skills when delivering nursing care to patients with disorders of the integumentary systems.
10. Identifies the psychological needs of the patient with a disorder of the integumentary system.
11. Teaches patients about their integumentary disorders.
12. Relates knowledge of community resources available to assist the patient with disorders of the integumentary system.
13. Discusses clinical manifestations related to specific age-related physiologic changes.
14. Describes common problems of older adults and the role of the nurse in assisting them with selected care problems.
15. Identifies evidence-based practice/best practice standards related to nursing care for patients with disorders of the integumentary system.

CONTENT / HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<p>Unit VII: Nursing Care of the Individual with Disturbances of the Integumentary System</p> <p>Theory: 9.5 T Clinical: 7.0 C</p> <p>I. Review Anatomy and Physiology of the Integumentary System</p> <ol style="list-style-type: none"> <li>A. Functions of the Skin</li> <li>B. Epidermis</li> <li>C. Dermis</li> <li>D. Subcutaneous layer</li> <li>E. Hair</li> <li>F. Nails</li> <li>G. Glands <ol style="list-style-type: none"> <li>1. Eccrine</li> <li>2. Apocrine</li> <li>3. Sebaceous</li> </ol> </li> </ol> <p>II. Effects of Aging on Skin, Hair, and Nails</p> <p>III. Nursing Functions in Integumentary Disorders</p> <ol style="list-style-type: none"> <li>A. General Information</li> <li>B. Assessment <ol style="list-style-type: none"> <li>1. Subjective—Health History</li> <li>2. Objective—Assessment <ol style="list-style-type: none"> <li>a. Inspection <ol style="list-style-type: none"> <li>i. Color</li> <li>ii. Vascularity</li> <li>iii. Lesions</li> <li>iv. Odors</li> <li>v. Hair</li> <li>vi. Nails</li> </ol> </li> <li>b. Palpation <ol style="list-style-type: none"> <li>i. Temperature</li> <li>ii. Turgor</li> <li>iii. Moisture</li> <li>iv. Texture</li> </ol> </li> <li>c. Assessing Dark Skin</li> </ol> </li> </ol> </li> </ol>	<p>Interactive Lecture Discussion A &amp; P Review Handouts Questions Case Studies Demonstrations Independent Assignments</p> <p>Class Preparation: EdPuzzle: Integumentary Anatomy and physiology (1)</p> <p>Visual-based Active Learning: “Crash Course - Skin Deep and Skin Deeper”</p> <p>Game-Based Learning: “Assessment” Kahoot</p>	<p>Required readings Clinical pre and post-conference Plan and give care to patients with disorders of the integumentary system as available Clinical Objectives Class Preparation Assignments</p>	<p>Quiz Unit Exam Nursing Concept Maps Clinical Evaluation/Anecdotal Final Exam</p>



CONTENT / HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<ul style="list-style-type: none"> <li>1. Pediculosis (Lice) <ul style="list-style-type: none"> <li>a. Pediculosis Capitus</li> <li>b. Pediculosis Corporis</li> <li>c. Pediculosis Pubis</li> </ul> </li> <li>2. Scabies</li> <li>3. Bed Bugs</li> <li>4. Tick Bites <ul style="list-style-type: none"> <li>a. Lyme Disease</li> </ul> </li> <li>C. Allergic Dermatologic Problems <ul style="list-style-type: none"> <li>1. Contact Dermatitis</li> <li>2. Atopic Dermatitis (Eczema)</li> <li>3. Drug Reactions</li> <li>4. Urticaria</li> </ul> </li> <li>D. Benign Dermatologic Problems <ul style="list-style-type: none"> <li>1. Acne Vulgaris</li> <li>2. Psoriasis</li> <li>3. Nevi (Moles)</li> <li>4. Lentigo</li> <li>5. Seborrheic Keratosis</li> </ul> </li> <li>E. UV Damage</li> <li>F. Premalignant and Malignant Skin Conditions <ul style="list-style-type: none"> <li>1. Dysplastic Nevi</li> <li>2. Actinic Keratoses</li> <li>3. Basal Cell Carcinoma</li> <li>4. Squamous Cell Carcinoma</li> <li>5. Malignant Melanoma</li> </ul> </li> <li>G. Treatment of Skin Conditions <ul style="list-style-type: none"> <li>1. Biopsies</li> <li>2. Surgical Excision <ul style="list-style-type: none"> <li>a. Mohs Procedure</li> </ul> </li> <li>3. Cryosurgery</li> <li>4. Electrodesiccation and Curettage</li> <li>5. Photodynamic/Laser Therapy</li> <li>6. Topical Medications &amp; Chemo/Radiation</li> </ul> </li> </ul>	<p>Class Preparation: EdPuzzle: Anatomy and Physiology (2)</p> <p>Visual-Based Active Learning: “The Doctors”</p> <p>Interactive Group Activity: Premalignant and Malignant Skin Disorders Chart</p> <p>Case Study: Malignant Melanoma</p> <p>Interactive</p>		

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<p>H. Pressure Injuries</p> <ol style="list-style-type: none"> <li>1. Etiology</li> <li>2. Staging</li> <li>3. Treatment</li> </ol> <p>I. Cosmetic and Reconstructive Surgery</p> <ol style="list-style-type: none"> <li>1. Goals</li> <li>2. Assessment</li> <li>3. Presurgical Preparation and Patient Instruction</li> <li>4. Post-operative considerations</li> <li>5. Types of Cosmetic surgery</li> <li>6. Skin Grafts <ol style="list-style-type: none"> <li>a. Preparation</li> <li>b. Types <ol style="list-style-type: none"> <li>i. Free Grafts <ol style="list-style-type: none"> <li>a) Split Thickness</li> <li>b) Full Thickness</li> </ol> </li> <li>ii. Flaps</li> <li>iii. Microsurgical Reimplantation <ol style="list-style-type: none"> <li>c. Skin Grafting Procedure <ol style="list-style-type: none"> <li>i. Care of post-graft recipient site</li> </ol> </li> </ol> </li> </ol> </li> <li>ii. Care of donor site</li> </ol> </li> </ol>	<p>Class Preparation: EdPuzzle: Pressure Injuries</p> <p>Guest Speaker – Bonnie Cunningham; Wound Care</p> <p>Story Stelling: Client story: Skin Graft/Plastics</p>	<p>ATI Case Study: Pressure Injuries</p>	