

Module 9: The Human Body

Objectives

- Describe the stages of pressure ulcers.
- Explain your role in helping to prevent pressure ulcers.
- Describe the signs of hypoglycemia and hyperglycemia.
- Discuss four scenarios when you should notify your supervisor of a potential issue with a Consumer’s body system.
- Discuss different strategies for communicating with a person who has a hearing deficit.

Key Terms

- Pressure Ulcers
- Hypoglycemia
- Hyperglycemia
- Diabetes Mellitus

Content

!!! REMINDER !!!	
<ul style="list-style-type: none"> • ALWAYS FOLLOW YOUR FACILITY'S POLICIES AND PROCEDURES. • ALWAYS FOLLOW THE CONSUMER’S CARE PLAN. • NEVER WORK OUTSIDE YOUR JOB DESCRIPTION OR SCOPE OF TRAINING. • NEVER PERFORM MEDICAL/CLINICAL PROCEDURES OR INTERPRET MEDICAL CONDITIONS OR RESULTS. • REPORT OBSERVATIONS TO SUPERVISOR UNLESS INSTRUCTED OTHERWISE. 	
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 28 – THE INTEGUMENTARY SYSTEM	
TEXTBOOK SECTION	NOTES
The Integumentary System	
• What Will You Learn?*	Instructors: Use Paragraph 1 as an introductory overview only.
• Tell the Nurse!*	
• Fragile, Dry Skin*	
• Less Efficient Temperature Regulation*	
• Disorders of the Integumentary System*	
• Pressure Ulcers*	
• Stages of Pressure Ulcers*	
• The Nursing Assistant’s Role in Preventing Pressure Ulcers*	
• Tell the Nurse!*	
• Lesions*	Paragraphs 1, 2, 3 only
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 29 – THE MUSCULOSKELETAL SYSTEM	
TEXTBOOK SECTION	NOTES
The Musculoskeletal System	Include:

	<ul style="list-style-type: none"> • Table 29-1: Words to Describe Movement*
<ul style="list-style-type: none"> • The Effects of Aging on the Musculoskeletal System* 	
<ul style="list-style-type: none"> • Loss of Muscle Mass* 	
<ul style="list-style-type: none"> • Wear and Tear on the Joints* 	
Disorders of the Musculoskeletal System*	
<ul style="list-style-type: none"> • Osteoporosis* 	
<ul style="list-style-type: none"> • Arthritis* 	
<ul style="list-style-type: none"> • Osteoarthritis* 	
<ul style="list-style-type: none"> • Rheumatoid Arthritis* 	
<ul style="list-style-type: none"> • Gout* 	
<ul style="list-style-type: none"> • Fractures* 	Include: <ul style="list-style-type: none"> • Guidelines Box 29-1: Guidelines for Caring for a Person with a Cast*
<ul style="list-style-type: none"> • Hip Fractures* 	
<ul style="list-style-type: none"> • Amputations* 	
<ul style="list-style-type: none"> • Tell the Nurse!* 	
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 30 – THE RESPIRATORY SYSTEM	
TEXTBOOK SECTION	NOTES
The Respiratory System	
<ul style="list-style-type: none"> • Pneumonia* 	
<ul style="list-style-type: none"> • Bronchitis* 	
<ul style="list-style-type: none"> • Influenza* 	
<ul style="list-style-type: none"> • Asthma* 	
<ul style="list-style-type: none"> • Chronic Obstructive Pulmonary Disease (COPD)* 	
<ul style="list-style-type: none"> • Emphysema* 	
<ul style="list-style-type: none"> • Chronic Bronchitis* 	
<ul style="list-style-type: none"> • Helping Hands and a Caring Hearth: Focus on Humanistic Health Care* 	
<ul style="list-style-type: none"> • Oxygen Therapy* 	NOTE: It is up to each facility to determine if their PSSs can work with oxygen therapy. Include: <ul style="list-style-type: none"> • Guidelines Box 30-2: Guidelines for Oxygen Therapy*
<ul style="list-style-type: none"> • Tracheostomy* 	NOTE: It is up to each facility to determine if their PSSs can work with established tracheostomies.
<ul style="list-style-type: none"> • Promoting Comfort* 	Include: <ul style="list-style-type: none"> • Figure 30-21*

♦ Tell the Nurse!*	
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 31 – THE CARDIOVASCULAR SYSTEM	
TEXTBOOK SECTION	NOTES
The Cardiovascular System	
♦ Structure of the Cardiovascular System*	
♦ Tell the Nurse!*	
♦ Anti-embolism (TED) Stockings*	NOTE: TEDs can only be used with a Doctor’s order.
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 32 – THE NERVOUS SYSTEM	
TEXTBOOK SECTION	NOTES
The Nervous System	
♦ What Will You Learn?*	
♦ Transient Ischemic Attacks (TIAs)*	
♦ Stroke*	
♦ Causes of Stroke*	
♦ Effects of Stroke*	
♦ Parkinson’s Disease*	
♦ Effects of Parkinson’s Disease*	
♦ Epilepsy*	
♦ Multiple Sclerosis (MS)*	
♦ Amyotrophic Lateral Sclerosis (ALS, Lou Gehrig’s Disease)*	
♦ Head Injuries*	
♦ Spinal Cord Injuries*	
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 33 – THE SENSORY SYSTEM	
TEXTBOOK SECTION	NOTES
The Sensory System	
♦ Conjunctivitis (“Pink Eye”)*	
♦ Guidelines Box 33-1: Guidelines for Caring for a Person Who Is Blind*	
♦ Caring for Eyeglasses, Contact Lenses, and Prosthetic Eyes*	
♦ Eyeglasses*	
♦ Contact Lenses*	
♦ Function of the Ear*	
♦ Hearing*	
♦ Balance*	
♦ The Effects of Aging on the Ear*	

• Deafness*	
• Communicating with a Person Who Has a Hearing Deficit*	
• Hearing Aids*	Include: <ul style="list-style-type: none"> Guidelines Box 33-2: Guidelines for Caring for Hearing Aids*
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 34 – THE ENDOCRINE SYSTEM	
TEXTBOOK SECTION	NOTES
The Endocrine System	
• Diabetes Mellitus*	
• Types of Diabetes Mellitus*	
• Type 1 Diabetes Mellitus*	
• Type 2 Diabetes*	
• Management of Diabetes Mellitus*	Include: <ul style="list-style-type: none"> Box 34-1: Hypoglycemia and Hyperglycemia*
• Diet*	
• Exercise*	
• Medication*	
• Tell the Nurse!*	
• Complications of Diabetes*	
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 36 – THE URINARY SYSTEM	
TEXTBOOK SECTION	NOTES
The Urinary System	
• Infection of the bladder (cystitis)	Bullet point two under “Infections”.
• Tell the Nurse!*	
REFERENCE TEXTBOOK: UNIT 6: CHAPTER 37 – THE REPRODUCTIVE SYSTEM	
TEXTBOOK SECTION	NOTES
The Reproductive System	
• Tell the Nurse!*	
• Tell the Nurse!*	
• Sexually Transmitted Infections*	
• Types of Sexually Transmitted Infections*	
FOR MORE DETAILED INFORMATION ON BODY SYSTEMS PLEASE REFER TO REFERENCE TEXTBOOK UNIT 6.	