



HEALTHCARE SCIENCE

COURSE: 25.561 Nursing Essentials

UNIT: 17.1 Urinary System



INTRODUCTION

Annotation:

In this unit students will continue to build on knowledge of the urinary system as it relates to common disorders of the system and the role of the nursing assistant in providing care for residents with urinary system disorders. Students who participate in nursing assistant training at a healthcare facility will apply their knowledge in caring for residents/patients/clients that may have some of these disorders.

Grade(s):

<input type="checkbox"/>	9 th
<input type="checkbox"/>	10 th
<input checked="" type="checkbox"/>	11 th
<input checked="" type="checkbox"/>	12 th

Time:

Two 50 minute periods

Author:

Phyllis Dumas, RN

Additional Author(s):

Multimedia – Disorders of Urinary System modified version of Urinary System by Libbye Sills, RN

Students with Disabilities:

For students with disabilities, the instructor should refer to the student's IEP to be sure that the accommodations specified are being provided. Instructors should also familiarize themselves with the provisions of Behavior Intervention Plans that may be part of a student's IEP. Frequent consultation with a student's special education instructor will be beneficial in providing appropriate differentiation.



FOCUS STANDARDS

GPS Focus Standards:

HS-NE-12:

The student will perform basic nursing skills within the scope of practice for a nursing assistant while maintaining resident rights. Beginning and ending procedures will be performed with all resident care.

- d.** Demonstrate understanding of body systems while recognizing abnormal changes in body function and reporting changes to supervisor

GPS Academic Standards:

SAP 3: Students will assess the integration and coordination of body functions and their dependence on the endocrine and urinary systems to regulate physiological activities

National / Local Standards / Industry / ISTE:



UNDERSTANDINGS & GOALS

Enduring Understandings:

- Demonstrate understanding of nursing assistant skills needed to provide care for residents with common disorders of the urinary system
- The importance of recognizing abnormal changes of the urinary system and reporting them to the supervisor.

Essential Questions:

- How do I provide care for residents with common urinary system disorders?
- What observations do I need to make and report to the supervisor for residents/patients/clients with common urinary system disorders?

Knowledge from this Unit:

- What nursing skills are needed to assist in providing care for a resident with common disorders of the urinary system?
- How to observe, report and record observations about residents/patients/clients with common urinary system disorders.

Skills from this Unit:



ASSESSMENT(S)

Assessment Method Type:

- ☐ Pre-test
- ☒ Objective assessment - multiple-choice, true- false, etc.
 - ☒ Quizzes/Tests
 - ☐ Unit test
- ☐ Group project
- ☐ Individual project
- ☐ Self-assessment - May include practice quizzes, games, simulations, checklists, etc.
 - ☐ Self-check rubrics
 - ☐ Self-check during writing/planning process
 - ☐ Journal reflections on concepts, personal experiences and impact on one's life
 - ☐ Reflect on evaluations of work from teachers, business partners, and competition judges
 - ☐ Academic prompts
 - ☐ Practice quizzes/tests
- ☒ Subjective assessment/Informal observations
 - ☐ Essay tests
 - ☐ Observe students working with partners
 - ☐ Observe students role playing
- ☐ Peer-assessment
 - ☐ Peer editing & commentary of products/projects/presentations using rubrics
 - ☐ Peer editing and/or critiquing
- ☐ Dialogue and Discussion
 - ☐ Student/teacher conferences
 - ☐ Partner and small group discussions
 - ☐ Whole group discussions
 - ☐ Interaction with/feedback from community members/speakers and business partners
- ☐ Constructed Responses
 - ☐ Chart good reading/writing/listening/speaking habits
 - ☐ Application of skills to real-life situations/scenarios
- ☐ Post-test

Assessment(s) Title:

Urinary System Disorders Quiz

Assessment(s) Description/Directions:

Written quiz in which students will identify the disorder and the role of the nursing assistant in providing care for residents/patients/clients with urinary system diseases or disorders.

Attachments for Assessment(s):



LEARNING EXPERIENCES

Sequence of Instruction

1. Identify the Standards. Standards should be posted in the classroom for each lesson.

HS-NE-12: The student will perform basic nursing skills within the scope of practice for a nursing assistant while maintaining resident rights. Beginning and ending procedures will be performed with all resident care.

- d. Demonstrate understanding of body systems while recognizing abnormal changes in body function and reporting changes to supervisor

SAP 3, Students will assess the integration and coordination of body functions and their dependence on the endocrine and urinary systems to regulate physiological activities

2. Review Essential Questions.

- How do I provide care for residents with common urinary system disorders?
- What observations do I need to make and report to the supervisor for residents/patients/clients with common urinary system disorders?

3. Identify and review the unit vocabulary.

4. Assessment Activity.

- Review structure and function of the urinary system. May use multimedia presentation from urinary system in applications course or use anatomy torso and have students come up and name parts of the urinary system and state their function
- Use multimedia presentation to review urinary system and key terms, discuss common disorders of the urinary system, have student take notes or assign disorders to students and have them research nursing care
- Review procedures for urinary system, may choose to incorporate a portion of the tubes and specimens unit with this lesson
- May go to the website <http://deptets.fvtc.edu/nursing/> to review certain nursing skills and or procedures
- If students have not had procedures related to urinary system, may also include portions of the nutrition and elimination lesson with this unit. Some of these procedures are included in that unit
- Have students practice procedures
- Observe students and reinforce correct techniques
- Administer Quiz over the Urinary System

Attachments for Learning Experiences:**Notes & Reflections:**

Previous knowledge from Applications of Therapeutic Services related to the urinary system is necessary to complete this unit. Some information from the applications course will be correlated with this unit. Check-off may be adjusted and or altered per the instructor.



CULMINATING PERFORMANCE TASK (Optional)

Culminating Unit Performance Task Title:

Ethical and Legal Responsibilites

Culminating Unit Performance Task Description/Directions/Differentiated**Attachments for Culminating Performance Task**



UNIT RESOURCES

Web Resources:

- <http://faculty.washington.edu/chudler/cranial.html> (gives an overview of the urinary system and goes into specifics on the cranial nerves)
- <http://www.murrayschools.org/MHS/chartman/anatomy/resources.html> great interactive anatomy website
- <http://www.studystack.com/menu-86833> good site for reviewing disorders with interactive games

Attachment(s):

Materials & Equipment:

- Textbook
- Multimedia Presentation-urinary system disorders
- For review-multimedia presentation in urinary system unit of Applications course
- Computer
- Projector
- Urinary System tubes
- Drainage bags-leg and bedside
- Drainage bag cover
- Graduate
- <http://www.studystack.com/menu-86833> link to disorders with interactive games

What 21st Century Technology was used in this unit:

<input checked="" type="checkbox"/>	Slide Show Software	<input type="checkbox"/>	Graphing Software	<input type="checkbox"/>	Audio File(s)
<input type="checkbox"/>	Interactive Whiteboard	<input type="checkbox"/>	Calculator	<input type="checkbox"/>	Graphic Organizer
<input type="checkbox"/>	Student Response System	<input type="checkbox"/>	Desktop Publishing	<input type="checkbox"/>	Image File(s)
<input type="checkbox"/>	Web Design Software	<input type="checkbox"/>	Blog	<input type="checkbox"/>	Video
<input type="checkbox"/>	Animation Software	<input type="checkbox"/>	Wiki	<input type="checkbox"/>	Electronic Game or Puzzle Maker
<input type="checkbox"/>	Email	<input checked="" type="checkbox"/>	Website		