

Demonstration

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Demonstration

Demonstration, according to Billings and Halstead is “showing how to do something” (2012, p.268). When teaching in a clinical setting it is very important that students are able to perform skills required by nurses on a daily basis. Insertion of an intravenous catheter is one of those everyday skills.

Topics to be covered in the demonstration

1. How to start an IV
2. How to tie a tourniquet
3. Choosing a site to start an IV
4. Types of IV cathalons

Class Content Focus

Course: NURS 2011 Medical Surgical Nursing Clinical. Unit covering: Insertion of an intravenous catheter. Students will demonstrate how to tie a tourniquet, chose the proper site for IV placement, chose the proper cathalon size, and demonstrate how to safely and successfully insert an IV.

QSEN Competency

The QSEN essential this assignment will address is safety. The QSEN defines safety as minimizing risk of harm to patients and providers through both system effectiveness and individual performance. I chose safety because with any task nurses perform the patient's safety should be the number one priority. Nurses also need to protect themselves as well. It is essential that nurses use standard precautions with every task they perform. Explaining the task to the patient and elevating fear of what task will be taking place and why the task has to be performed, is important for the safety of the patient and the nurse. For example, when starting an IV a patient is less likely to jump or move if they know what to expect. If the patient were to move the patient is at risk for a blown vein, or injury and the nurse is at risk for an accidental needle stick.

Essential of Baccalaureate Education

The Essential of Baccalaureate Education this assignment will address is professionalism and professional values. The reason I chose this essential is because nurses need to have professionalism. Within this essential, particular to my lecture, is human dignity and altruism. Providing privacy for patients during nursing tasks is a priority for patients. Patients are very vulnerable when they are hospitalized and we as nurses need to make sure we keep the patients dignity intact. Closing the curtain in semi private rooms or closing the door helps provide privacy, helps elevate patient's anxiety, and keep their dignity intact.

Learning Domain

The learning domain for this assignment will be psychomotor domain of learning. According to Penn, the psychomotor domain "addresses skills that require physical action and neuromuscular coordination" (2008, p.16).

Activity Description

In this activity students will learn how to successfully insert an intravenous catheter. Students will start by learning how to review a physicians order, identify the patient and explain the procedure, choose the correct cathalon size and site of insertion, and return demonstration on mannequin arms provided in the class lab set up as a clinical setting. Students will be placed in groups of two practicing being the patient and the nurse. Each student will demonstrate how to review an order, introduce themselves to the patient, and explain the procedure to the patient. Students will also demonstrate proper hand washing techniques and aseptic technique when placing an IV.

Key Concepts to Learn

1. How to review a physicians order.
2. How to identify the patient and explain the procedure
3. Choosing the correct cathalon size and site for insertion

4. How to tie a tourniquet
5. How to insert an IV successfully
6. How to check placement of an IV
7. How to check for signs and symptoms of infiltration and blown veins.

Resources

1. IV start kit
2. Cathalons
3. Chart
4. Orders
5. Mannequins
6. Clinical lab manual
7. Prefilled saline syringes
8. INTs
9. 2x2's
10. Tape
11. Alcohol prep pads

Time to Conduct Activity

The first 30 minutes will be used to review the content. 30 minutes for students to practice feeling for veins, tying tourniquets, looking at the cathalons and learning the holding techniques for proper insertion into the vein. For 30 minutes each student will pair up in groups and practice inserting IV's on mannequin arms, take turns being the patient and the nurse during

which they will learn how to introduce themselves to the patient, explain the procedure, and check the physicians order.

Post Discussion

Once each student group has practiced successful insertion of IV's the class will spend 30 minutes asking questions they may have and will answer the following questions;

1. What is the most difficult part of starting an IV for you?
2. What is the most important step to remember when you have completed insertion of the IV?
3. Are there any steps that were confusing that need to be explained further?

References

Billings, D. M., & Halstead, J. A. (2012). *Teaching in nursing a guide for faculty* (4th ed.). St.

Louis Missouri: Elsevier Saunders.

Penn, B. K. (2008). *Mastering the teaching role; a guide for nurse educators*. Philadelphia, PA:

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