

Virtual Home Visit for a Child with Medical Complexity

Debriefing Questions

1. How does this assignment relate to the course material?

The assignment relates to the course material because it talks about essential components in caring for a child with medical complexity. The assignment emphasized the areas that healthcare professionals and families need to focus on when caring for children with medical complexity. These children have multiorgan system alteration due to chronic health conditions and functional limitations. They have ongoing use of medical technology and high needs and use of resources. The assignment talks about many things that are needed to be considered for these children. These children's home environment needs to be evaluated to ensure they are accessible for their needs and safety. Medication safety is critical since they are taking many different medications. The information is related to the course since it talks about medication safety, risk factors for these children, and the medical equipment used. The topics are some of the essential things that are needed to be learned for pediatric nursing. In addition, this course will discuss caregiver education, nursing care, and management for children with special needs or alteration in the body system, which are also the topics in the assignment.

2. Name three ways this activity affects nursing practice when caring for the special needs pediatric population.

The course talks about things that need to be considered in the home environment of children. Evaluating these children's homes is very important because we need to know if they are accessible for the equipment they need and accommodate their unique needs. Knowing these factors, we can help them give referrals and help find resources that might help them improve the accessibility of their house and ensure that their home can accommodate the needs of their children.

The course also talks about medication safety for children with medical complexity. Recognizing and preventing potential errors in medication administration is very important in nursing practice. Children with medical complexity often have many different medications that they take daily. Knowing the eight rights of medication administration will help in preventing potential medication errors.

Lastly, the course talks about routine care and troubleshooting on a feeding tube and non-invasive ventilation that the children are using. These children often have feeding tubes and equipment for ventilation, and issues happen sometimes. Family needs education about how to take care of and

handle these medical technologies. It can affect nursing because we should know those issues and things that needed to be addressed. We need to educate the parents about it to help them take care of these children appropriately. Then, if an emergency arises, they will know what to do.

3. What are 2 potential health risks for a child that requires a tracheostomy or enteral feedings via G-tube? Provide a brief description of these health risks, including nursing management and caregiver education.

The first potential health risk for a child that requires a tracheostomy or enteral feeding via G-tube is an aspiration. Ricci et al. (2020) refer to aspiration as inhalation of foreign solid or liquid material into the lungs. Prevention is the most critical nursing management and caregiver education. Nursing management includes monitoring patients' respiratory status, correctly positioning the patient, and keeping necessary suction tools on the bedside (Hinkle & Cheever, 2018). Educate caregiver about how to maintain airway patency, care of tracheostomy, and proper suctioning technique.

The second potential health risk for children that requires a tracheostomy or enteral feeding via G-tube is skin infection around the stoma. Infection happens when there is an organism that invades any part of the body. Skin infection can happen where tracheostomy or G-tube are not cleaned properly. Nursing management includes assessing the skin of the insertion site for signs and symptoms. Nurses should do tracheostomy care every 8 hours or per facility protocol (Ricci et al., 2020). The caregiver should be taught how to clean the insertion site properly and how often they need to clean it.

4. Choose one of the health risks identified in the above question and develop a plan of care to address this. Include a Nursing diagnosis, a measurable goal, and at least three nursing interventions to achieve this goal.

- a. **Nursing diagnosis:** Risk for aspiration related to the presence of tracheostomy possible evidence by visible secretion.
- b. **Measurable Goal:** The measurable goal is to maintain airway patency to ensure being free of aspiration.
- c. **Intervention 1:** The patient needs to be position properly. The patient should be placed in a semi-Fowler's position because it will help with facilitating ventilation, promote drainage of secretion, reduce edema, and prevent strain on the suture lines (Hinkle & Cheever, 2018)
- d. **Intervention 2:** Suctioning as necessary or suctioning tool should be placed near the patient. It necessary to suction the patient's secretions with tracheostomy because they have decreased effectiveness of the cough mechanism, or they may have no protective reflexes (Hinkle & Cheever 2018)

- e. **Intervention 3:** The nurses should monitor respiratory status every four hours or as needed to ensure the lung sounds are clear and there is no sign of respiratory distress.

5. How will the knowledge gained during this assignment influence your nursing practice?

The knowledge that Princess gained in this activity will influence her nursing practice because it helps her understand the importance of learning about the unique needs and factors needed to be considered when caring for a child with medical complexity. As nurses, we are the person that families can rely on for the care of their children. We need to know how to take care of children with medical complexity in order for us to educate their families of children on how they can take care of the children adequately. The information she learned through this assignment helps her become more aware of the areas that nurses needed to focus on with children with medical complexity in their homes. The assignment points out that we all should be aware of are accessibility of the home environment, medication safety, post-discharge considerations, and care of medical technologies, including feeding tubes and non-invasive ventilation. The information she learned would help her in the future when she encounters children with medical complexity and their family about how she can educate and help them with their care.

Reference:

Hinkle, J. L., & Cheever, K. H. (2018). *Brunner & Suddarth's textbook of medical-surgical nursing* (14th ed.). Wolters Kluwer.

Ricci, S. S., Kyle, T., & Carman, S. (2021). *Maternity and pediatric nursing* (4th ed.). Wolters Kluwer.

Debriefing Journal Rubric

Minimum Words: 100 per question

CRITERIA	POOR	FAIR	GOOD
<p>Concise and Complete</p> <p style="text-align: center;">Total: 3 points</p>	<ul style="list-style-type: none"> • Content is incomplete. • Major points are not clear and /or persuasive <p style="text-align: center;">1 point</p>	<ul style="list-style-type: none"> • Content is not comprehensive and /or persuasive. • Major points are addressed, but not well supported. • Research is inadequate or does not address course concepts. <p style="text-align: center;">2 points</p>	<ul style="list-style-type: none"> • Content is comprehensive, accurate, and persuasive. • Major points are stated clearly and are well supported. • Content and purpose of the writing are clear. <p style="text-align: center;">3 points</p>
<p>Thoughtful Reflection- How will this affect your practice?</p> <p style="text-align: center;">Total: 10 points</p>	<ul style="list-style-type: none"> • Paper lacks many elements of correct formatting. • Paragraphs are inadequate or excessive in length. • Unspecific as to how simulation meets learning objectives. <p style="text-align: center;">1 point</p>	<ul style="list-style-type: none"> • Paper follows most guidelines. • Paper is under word length. • Lacks some specifics as to how simulation meets learning objectives. <p style="text-align: center;">5 points</p>	<ul style="list-style-type: none"> • Paper follows designated guidelines. • Paper is the appropriate length as described for the assignment. • States clearly as to how simulation meets learning objectives. <p style="text-align: center;">10 points</p>
<p>APA Format Correct spelling/Grammar.</p> <p>At least 1 scholarly reference required.</p> <p>Each question is answered with at least 100 words</p>	<ul style="list-style-type: none"> • Lack of APA format. • Paper contains numerous grammatical, punctuation, and spelling errors. • Language uses jargon or conversational tone • Lack of APA citation use and Reference page if references used. • 2-3 questions do not meet the 100- 	<ul style="list-style-type: none"> • Inappropriate APA format. • Paper contains few grammatical, punctuation and spelling errors. • Language lacks clarity or includes the use of some jargon or conversational tone. • Inappropriate APA citation use and reference page if references used. 	<ul style="list-style-type: none"> • Correct APA format • Use of 1 scholarly reference • Rules of grammar, usage, and punctuation are followed; spelling is correct. • Language is clear and precise; sentences display consistently strong, varied structure • Correct APA citation and

<p>Total: 10 points</p>	<p>word requirement</p> <p>1 point</p>	<ul style="list-style-type: none"> • 3 questions meet the 100-word requirement <p>5 points</p>	<p>reference page if references used.</p> <ul style="list-style-type: none"> • All questions meet the 100-word requirement <p>10 points</p>
<p>Paper submitted to Dropbox within 72 hours of the simulation experience.</p> <p>Total: 2 points</p>			<p>Paper submitted to Dropbox on time.</p> <p>2 points</p>

Total Points: _____