

Virtual Home Visit for a Child with Medical Complexity

Debriefing Questions

1. How does this virtual simulation relate to the course?

This course discusses providing excellent nursing care for pediatric clients with special needs, mobility and neuromuscular disorders, and musculoskeletal disorders. The virtual simulation also discussed these topics in depth. Jack is a child with medical complexities (CMC). He has a wheelchair, has a balloon gastrostomy tube (G-tube), receives numerous daily breathing treatments, chest physiotherapy, and a wider variety of medications to treat his multiple chronic conditions. His parents have received extensive training on how to manage his intensive medical needs. They also discussed the steps they have taken to ensure their home is equipped and designed to meet Jack's needs. Nurses also assist Jack's family. The simulation discusses nursing responsibilities, such as performing medication reconciliations (Huth & Amar-Dolan, 2019).

2. Name 3 ways this clinical site impacts Pediatric health.

This clinical site impacts Pediatric health by discussing three major topics. These topics include evaluating the home for safety and accessibility for children with medical complexities (CMC), medication safety, and routine care and troubleshooting methods (Huth & Amar-Dolan, 2019). Jack's parents discuss how they altered their home to facilitate their son's care. They installed wider doors, hardwood floors, tile in the bathroom, wider bathroom doors, and a complete shower stall with a chair. The family has a cabinet entirely dedicated to Jack's medicine cabinet. The cabinet is well-organized for easy access and to decrease medication errors. For routine care and troubleshooting, the family obtained a generator. The generator ensured that Jack's medical equipment always had power, and they were able to properly and maintain all of his equipment. Many of the machines also have a back-up battery (Huth & Amar-Dolan, 2019).

3. What are the health risks of the population served during today's simulation based on your observations today?

Children with medical complexities are at risk of medication errors (Huth & Amar-Dolan, 2019). These errors can be due to polypharmacy, the use of multiple medications, multiple prescribers, numerous pharmacies, different formulations, and different routes of administration, and frequent transition of care between caregivers. This population is at risk for dysphagia and aspiration. In Jack's case, these risks have been avoided through the use of his G-tube. This population is also at risk of social isolation. With a lack of standard communication abilities, caregivers will have to ensure the child can participate in activities to the best of their skills and

spend time with their peers and family. Jack's family involved him in watching and playing baseball with his friends from his school.

4. Choose one of the health risks identified in question 3 and develop a plan of care to address this. Include a Nursing diagnosis, a measurable goal, and at least 3 Nursing interventions to achieve this goal.

A possible nursing diagnosis is Ineffective therapeutic regimen management related to the complexity of health care and polypharmacy as evidenced by verbalizing the difficulty of managing the care regimen. A measurable goal is to perform medication reconciliation at every transition of care. One intervention should include reconciling the doses and volumes of medications. The nurse should also review any potential drug interactions or contraindications, especially when the client is prescribed a new medication. Evaluate the schedule of the prescribed medications in coordination with the child's daily schedule. The timing of feedings, other medicines, and the school and activity schedule should be considered.

5. How will your knowledge gained during this simulation impact your nursing practice?

This virtual simulation was incredibly eye-opening. I grew up in a family with four children that had no chronic conditions. I had no idea how much planning, organization, and time provided care for a child with medical complexities. Having this background knowledge of how much time and energy goes into caring for these children, I will remember to give parents the recognition they deserve for providing care to their child. I will counsel them in any questions they may have about their child's regimen. Following this simulation, I also recognize the importance of medication reconciliation and teaching the family about proper medication administration. The reconciliation will ensure their child stays safe and receives the medications they need.

Reference:

Huth, K. & Amar-Dolan, L. (2019). *Virtual home visit for a child with medical complexity course*.
<https://learn.openpediatrics.org/learn/course/3647/play/41942/pre-module-survey>

Debriefing Journal Rubric

Minimum Words: 100 per question

CRITERION	POOR	FAIR	GOOD
<p>-Concise and Complete</p> <p><i>Total Weight- 3 points</i></p>	<ul style="list-style-type: none"> - Content is incomplete. - Major points are not clear and /or persuasive <p>Weight-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>Weight- 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>Weight- 3 points</p>
<p>Thoughtful Reflection- How will this affect your practice or will it?</p> <p><i>Total Points- 10 points</i></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>Weight- 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>Weight-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>Weight-10 points</p>
<p>APA Format Correct spelling/Grammar.</p> <p>At least 1 scholarly reference required.</p> <p><i>Total Weight- 10 points</i></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. <p>Weight- 1 point</p>	<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. <p>Weight- 5 points</p>	<ul style="list-style-type: none"> -Correct APA format. -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 reference page if references used. <p>Weight- 10 points</p>
<p>Paper submitted to dropbox within 72 hours of the simulation experience.</p> <p><i>Total Weight- 2 points</i></p>			<ul style="list-style-type: none"> -Paper submitted to dropbox on time. <p>Weight- 2 points</p>

Total Points: _____