Abusive Head Trauma Virtual Simulation

Debriefing Questions

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

       Abusive head trauma is a common occurrence among the pediatric population (Narang et al., 2020). Most cases of abusive head trauma will occur with clients under the age of one. This virtual simulation provides information about why abusive head trauma can be challenging to diagnose. Nurses must recognize that socio-economic class and race do not impact the prevalence of abusive head trauma. This virtual simulation helps nurses identify the most common signs of abusive head trauma, such as retinal hemorrhage. This virtual simulation also helps nurses identify what to look for in the client's health history and physical exams, such as a history of falls, bruises, and injury.

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

       This clinical site provides information about signs and symptoms of abusive head trauma and how to identify this diagnosis correctly. Through proper diagnosis of abusive head trauma, the health care team can provide specific care to the client. If a proper diagnosis is not determined, the child can receive improper and inadequate care. When nurses can identify those who may be at risk for abusing their child, such as new and inexperienced parents, proper education can be provided to the parents to prepare for the common causes that can lead to abusive head trauma (Preventing Abusive Head Trauma,

2020). This clinical site also assists nurses and physicians in using their critical thinking

to identify signs of abusive head trauma that, when found together, point directly to this

diagnosis.

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

   your observations today?

       Health risks of this population include neurologic, brain, and growth and

development issues, and death. Neurologic and brain issues include seizures,

hydrocephalus, attention changes, cerebral palsy, and microcephalus. When these brain

alterations occur after abusive head trauma, they can interfere with the child's ability to

develop cognitively and place the child at risk for learning disabilities (Joyce, 2021).

Other health risks associated with abusive head trauma include visual disturbances or

blindness, hearing loss, and other forms of trauma to the body, such as broken bones and

bleeding. In less severe cases, the client may only suffer from mild or moderate

neurologic changes.

4. Choose one of the health risks identified in question 3 and develop a care plan to address

   this. Include a Nursing diagnosis, a measurable goal, and at least 3 Nursing interventions

   to achieve this goal.

       Management of seizures in children who have experienced abusive head trauma

can occur with proper treatment. When people experience seizures, the biggest concern

for these clients is their ability to maintain an airway during their seizure activity. The nursing diagnosis that is most important for this client is the risk for ineffective airway clearance. Without the airway, the body does not obtain the oxygen needed to support baseline function. An achievable goal for these clients is reducing the occurrence of seizures. This treatment allows the client to experience fewer seizure activity episodes, decreasing the risk of the client losing their ability to breathe correctly. While some clients might be free from seizures after medical treatment, such as pharmacological treatments, many clients will still experience seizures from time to time. Some nursing interventions for seizures include identifying when a client might experience a seizure, so proper action can be taken, turning the head during a seizure to the side and suctioning the airway, and do not leave the patient alone during and after a seizure occurs (Seizure First Aid, 2020).

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

      During this simulation, the knowledge gained will allow me to identify those at risk for abusive head trauma, how to prevent abusive head trauma, and how to care for those who have experienced abusive head trauma. This simulation has also provided knowledge on the critical physical assessment findings and the correlating medical history that can identify if abusive head trauma is a possible diagnosis. The simulation also mentions the prevention of abusive head trauma. Educating our clients about the most common times abusive head trauma can occur, like when a baby cries for prolonged

periods, allows them to prepare for these situations and properly walk away from the

child while keeping the child safe (Abusive Head Trauma, 2020).

References

Abusive Head Trauma: How to Protect Your Baby. HealthyChildren.org. (2020, March 19).
    https://www.healthychildren.org/English/safety-prevention/at-home/Pages/Abusive-Head-
    Trauma-Shaken-Baby-Syndrome.aspx.

Joyce, T. (2021, January 24). *Pediatric Abusive Head Trauma*.
    https://www.ncbi.nlm.nih.gov/books/NBK499836/.

Narang, S. K., Fingarson, A., & Lukefahr, J. (2020). Abusive Head Trauma in Infants and
    Children. *Pediatrics, 145*(4). https://doi.org/10.1542/peds.2020-0203

Preventing Abusive Head Trauma in Children. Centers for Disease Control and Prevention.
    (2020, March 5). https://www.cdc.gov/violenceprevention/childabuseandneglect/Abusive-
    Head-Trauma.html.

Seizure First Aid. Centers for Disease Control and Prevention. (2020, September 30).
    https://www.cdc.gov/epilepsy/about/first-aid.htm.

Debriefing Journal Rubric

Minimum Words: 100 per question

CRITERION	POOR	FAIR	GOOD
-Concise and Complete *Total Weight- 3 points*	- Content is incomplete. - Major points are not clear and /or persuasive **Weight-1 point**	- Content is not comprehensive and /or persuasive. - Major points are addressed, but not well supported. - Research is inadequate or does not address course concepts. **Weight- 2 points**	- Content is comprehensive, accurate, and persuasive. - Major points are stated clearly and are well supported. - Content and purpose of the writing are clear. **Weight- 3 points**
Thoughtful Reflection- How will this affect your practice or will it? *Total Points- 10 points*	- Paper lacks many elements of correct formatting. - Paragraphs are inadequate or excessive in length. -Unspecific as to how simulation meets learning objectives. **Weight- 1 point**	- Paper follows most guidelines. - Paper is under word length. -Lacks some specifics as to how simulation meets learning objectives. **Weight-5 points**	- Paper follows designated guidelines. - Paper is the appropriate length as described for the assignment. -States clearly as to how simulation meets learning objectives. **Weight-10 points**
APA Format Correct spelling/Grammar. **At least 1 scholarly reference required.** *Total Weight- 10 points*	-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. **Weight- 1 point**	- 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. **Weight- 5 points**	-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. **Weight- 10 points**
Paper submitted to dropbox within 72 hours of the simulation experience. *Total Weight- 2 points*			-Paper submitted to dropbox on time. **Weight- 2 points**

Total Points: _____