

## Abusive Head Trauma Virtual Simulation

### Debriefing Questions

- a. How does this virtual simulation relate to the course?
  1. The Abusive Head Trauma virtual stimulation contained education on identifying head trauma that may be caused by abuse. There are many different presentations of head trauma, including retinal hemorrhages, subdural hemorrhages, and encephalopathy. However, these symptoms alone are not enough to diagnose Abusive Head Trauma, as other processes cause these (DeSignore et al., 2017). Pediatric nurses will encounter child abuse and must be aware of the signs. "In 2010, medical professionals as a whole reported only 8.5% of suspected abuse cases" (Perkins, 2018, para 34). As the virtual stimulation explained, identifying and reporting Abusive Head Trauma could save a child's life.
  
- b. Name 3 ways this clinical site impacts Pediatric health.
  1. Open Pediatrics offers various courses for easily accessible education for medical providers. Most courses are free and allow medical providers to achieve continuing education certificates for participating. The site also offers virtual simulation labs that grant experience in a pediatric circumstance that most local hospitals will not see. This clinical site improves Pediatric Health by establishing educated, certified, and experienced medical providers. This clinical site will also significantly impact nursing students that may not have other opportunities to learn. Nursing students in rural Illinois may not receive adequate pediatric training without this site, as there are minimal pediatric units.
  
- c. What are the health risks of the population served during today's simulation based on your observations today?
  1. The pediatric patients viewed during this simulation have all experienced Abusive Head Trauma. Unfortunately, the extent of Abusive Head Trauma is unknown during the initial evaluation. Children may experience deficits, such as inability to meet academic demands and developmental milestones as they age (DeSignore et al., 2017). Identifying symptoms caused by Abusive Head Trauma can also be problematic as parents are unlikely to share the child's baseline and alterations. Minor effects of head trauma include memory and speech issues, seizures, general malaise, and many other mental health issues (Perkins, 2018). In extreme cases, Abusive Head Trauma often has a significant mortality rate related to brain injuries.
  
- d. 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.
  1. A common side effect of Abusive Head Trauma is pediatric seizures (McCormick, 2018). Seizures are often a result of increased intracranial pressure.

A decompressive craniotomy may be necessary to relieve this pressure. NANDA nursing diagnoses for this patient postoperative is High Risk for Injury. "Common complications include bone flap reabsorption, bone flap infection, hydrocephalus, seizures, and surgical site hematoma" (McCormick, 2018, p 216). Nurses should continuously monitor the patient postoperatively to decrease the risk of injury. A neurological exam should be performed before the surgery to form a baseline, and again one hour after surgery. Patient improvement will continue for months postoperatively, and nurses should ensure the patient has access to physical and occupational therapy to continue improvement (McCormick, 2018). An immediate postoperative goal is a decrease in seizure-like activity.

- e. How will your knowledge gained during this simulation impact your nursing practice?
1. The Abusive Head Trauma virtual stimulation offered an abundance of knowledge on assessing pediatric patients with head trauma. Perhaps the most important lesson that will be carried into professional nursing is how to recognize signs of abuse and notify the proper authorities. The stimulation also demonstrated how to differentiate between a traumatic brain injury and abusive head trauma, though sometimes this distinction can be quite difficult. Nurses must carry this skill, as parents may not be honest with the providers on the injury's circumstances. While Abusive Head Trauma is very sad, it is also a genuine cause of death to pediatric patients and should be thoroughly taught to pediatric nurses.

References:

- DelSignore, L, MD., Silver, M, MD., Mantagos, J, MD. (2017) Abusive Head Trauma. *Open Pediatrics*, <https://learn.openpediatrics.org/learn/course/3627/play/38105/abusive-head-trauma-pre-test>
- McCormick, R. (2018). Nursing Care of Pediatric Cranioplasty Patients after Traumatic Brain Injury: Monitoring Benefits and Complications. *Pediatric Nursing*, 44(5), 215–221.
- Perkins, A. (2018). The red flags of child abuse. *Nursing Made Incredibly Easy*, 16(2), 34–56. <https://ezproxy.lakeviewcol.edu:2097/10.1097/01.NME.0000529946.76463.6b>

## Debriefing Journal Rubric

Minimum Words: 100 per question

CRITERION	POOR	FAIR	GOOD
<p><b>-Concise and Complete</b></p> <p><i><b>Total Weight- 3 points</b></i></p>	<p>- Content is incomplete.</p> <p>- Major points are not clear and /or persuasive</p> <p><b>Weight-1 point</b></p>	<p>- Content is not comprehensive and / or persuasive.</p> <p>- Major points are addressed, but not well supported.</p> <p>- Research is inadequate or does not address course concepts.</p> <p><b>Weight- 2 points</b></p>	<p>- Content is comprehensive, accurate, and persuasive.</p> <p>- Major points are stated clearly and are well supported.</p> <p>- Content and purpose of the writing are clear.</p> <p><b>Weight- 3 points</b></p>
<p><b>Thoughtful Reflection- How will this affect your practice or will it?</b></p> <p><i><b>Total Points- 10 points</b></i></p>	<p>- Paper lacks many elements of correct formatting.</p> <p>- Paragraphs are inadequate or excessive in length.</p> <p>-Unspecific as to how simulation meets learning objectives.</p> <p><b>Weight- 1 point</b></p>	<p>- Paper follows most guidelines.</p> <p>- Paper is under word length.</p> <p>-Lacks some specifics as to how simulation meets learning objectives.</p> <p><b>Weight-5 points</b></p>	<p>- Paper follows designated guidelines.</p> <p>- Paper is the appropriate length as described for the assignment.</p> <p>-States clearly as to how simulation meets learning objectives.</p> <p><b>Weight-10 points</b></p>
<p><b>APA Format Correct spelling/Grammar.</b></p> <p><b>At least 1 scholarly reference required.</b></p> <p><i><b>Total Weight- 10 points</b></i></p>	<p>-Lack of APA format.</p> <p>-Paper contains numerous grammatical, punctuation, and spelling errors.</p> <p>- Language <b>uses jargon or conversational tone</b></p> <p>-Lack of APA citation use and Reference page if references used.</p> <p><b>Weight- 1 point</b></p>	<p>- Inappropriate APA format.</p> <p>- Paper contains few grammatical, punctuation and spelling errors.</p> <p>- Language lacks clarity or includes <b>the use of some jargon or conversational tone.</b></p> <p>-Inappropriate APA citation use and Reference page if references used.</p> <p><b>Weight- 5 points</b></p>	<p>-Correct APA format.</p> <p>-Rules of grammar, usage, and punctuation are followed; spelling is correct.</p> <p>- Language is clear and precise; sentences display consistently strong, varied structure</p> <p>-Correct APA citation and reference page if references used.</p> <p><b>Weight- 10 points</b></p>
<p><b>Paper submitted to dropbox within 72 hours of the simulation experience.</b></p>			<p>-Paper submitted to dropbox on time.</p>

<b><i>Total Weight- 2 points</i></b>			<b>Weight- 2 points</b>
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Total Points: \_\_\_\_\_