

**Covenant School of Nursing**  
**Instructional Module 5 Learning Guide**  
**Topic: Respiratory Dysfunction in the Child**

| <b>Learning Goals/Outcomes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Upon completion of this lesson, you will be able to: <ul style="list-style-type: none"><li>• Identify factors leading to respiratory distress or respiratory infection in newborns/infants/children</li><li>• Identify signs of respiratory distress in newborns, infants, and children</li><li>• Discuss plans of care for respiratory dysfunction in the newborn/infant/child</li><li>• Describe the physiology and pathophysiology associated with respiratory complications in the pediatric patient</li><li>• Implement nursing interventions in the care of the tonsillectomy patient</li><li>• Integrate nursing interventions and preventative measures for the patient with otitis media, croup, respiratory syncytial virus, asthma, and cystic fibrosis.</li></ul> |
| <b>Pre-Class Preparation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Required: Hockenberry, M., & Wilson, D. 11 <sup>th</sup> Edition <ul style="list-style-type: none"><li>• Pg. 175: Respiratory System: Immediate Adjustments</li><li>• Pg. 254 Box 8-4 Clinical Manifestations of Respiratory Distress Syndrome</li><li>• Pg. 253-257 Respiratory Distress Syndrome</li><li>• Pg. 259-261 Table 8-7, Respiratory Complication</li><li>• Pg. 620 Box 21 -1 Signs &amp; Symptoms of Respiratory Infections</li><li>• Pg. 634 Table 21-1 Comparison of Croup Syndromes</li><li>• Pgs. 652-663 Asthma</li><li>• Pg. 671 Box 21-18 Clinical Manifestation of Respiratory Failure</li></ul> <p><b>Additional Resources:</b></p> <ul style="list-style-type: none"><li>• HESI Case Study and Clinical skills</li></ul>                                |
| <b>Learning Activities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Classroom Activities: <ul style="list-style-type: none"><li>• Lecture, Discussion, Case studies</li></ul> Laboratory/Clinical Activities: <ul style="list-style-type: none"><li>• Simulation</li></ul> Online/Out of Class Activities: <ul style="list-style-type: none"><li>• HESI Asthma Case Study</li><li>• HESI Respiratory Syncytial Virus (RSV) Bronchiolitis</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Evaluation Methods</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <ul style="list-style-type: none"><li>• Exam</li><li>• HESI Specialty Exam – Pediatric Nursing</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| <b>Texas DEC's</b>                                                                                                                                                                                                                    | <b>QSEN Competencies</b>                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Knowledge</b><br>IIA1-3, IIA2b, IIB2, 4, 5, 6, 7, IIC3, IID, 3b:<br>IIE 1a1b, ,4b,5,12,13, IIF2, IIG1a<br><b>Clinical Judgement/Behaviors</b><br>IIA ,2,3; IIB, 2 ,6,7; IIC1,7; IID2b, IIE<br>1,2a, ,2c, 12b,; IIF4, IIG 1,3,5a,5b | Patient Centered Care, Safety, Evidence<br>Based Practice                                                                                                                                                                                                                                                                                                |
| <b>IM Student Learning Outcomes</b>                                                                                                                                                                                                   | <b>NCLEX Test Plan</b>                                                                                                                                                                                                                                                                                                                                   |
| 1,3,7,8                                                                                                                                                                                                                               | <b>Physiological Integrity:</b> physiological<br>adaptation, pharmacological & parental<br>therapies<br><b>Health Promotion &amp; Maintenance:</b> Aging<br>process, Developmental stages & transitions,<br>Health promotion/disease prevention<br><b>Physiological adaption:</b> illness<br>management, pathophysiology, alterations in<br>body systems |
| <b>Concepts</b>                                                                                                                                                                                                                       | <b>Faculty</b>                                                                                                                                                                                                                                                                                                                                           |
| Gas exchange, immunity                                                                                                                                                                                                                | B. Haynes MSN, RNC-NIC, CNE                                                                                                                                                                                                                                                                                                                              |
| <b>Date originated:</b> 2/16/2016                                                                                                                                                                                                     | <b>Revision Dates:</b> 10/27/2016, 11/14/17,<br>5/3/18, 10/31/19, 11/5/20, 7/22/21, 7/2023                                                                                                                                                                                                                                                               |

Instructional Module 5 Learning Guide

Topic: Respiratory Dysfunction Cont'd