

Student Name _____

WEEK 4: Pulmonary Assessment & Diagnostic Review

Time	Activity	Location
	Independent Learning Activities – Preparation before lab	
	1. Review anatomy and physiology of the respiratory system (resource of choice)	Location of Student Choice To be done prior to lab
	2. Review lung sounds on Auscultation Assistant at www.wilkes.med.ucla.edu/lungintro.htm	
	3. Review respiratory section of “Easy Guide to Head to Toe Assessment” by Vrtis – posted on Blackboard under week 1 resources	
	4. Watch Respiratory Lecture by Carl via Panopto posted on Blackboard	
	5. Chest tube review: See posted document on Blackboard from Iowa	
	6. View video of Thoracentesis to remove 1200 ml: http://www.youtube.com/watch?v=noDxydboLrA&feature=related (8:56 mins)	
	7. Review the Acid- Base Tutorial online at www.acid-base.com	
	8. Complete the Pulmonary Case Studies and bring to lab for discussion.	
	9. Review respiratory medications and sedation medications independently.	
	10. Review the Acid- Base Tutorial online at www.acid-base.com	
	11. Review the “Simple Method of Acid Base Balance Interpretation” at http://www.rnceus.com/abgs/abgmethod.html	
	12. Review glycemic control – see medication review posted in Blackboard	
	13. Review Tracheostomy Handbook to review NT and Trach suctioning	
	14. Watch Ventilator Types & Modes I & II at: • http://www.youtube.com/watch?v=IUZ3Plmz_YQ (5:50) • http://www.youtube.com/watch?v=nGJIePPGQn0 (9:46)	
	15. Watch Care of the Ventilated Patient – The New Paradigm (19:24 min) at http://www.youtube.com/watch?v=jzEUe7ndw0 , and Ambulating the Ventilated Patient (7:04 min) at http://www.youtube.com/watch?v=nWeolhTR7wQ	
	16. Explore ICU Sedation Guidelines and Mechanical Ventilation Tutorial links	
	17. Topic 4 Weekly Discussion VoiceThread Due Sept 24 1159	
	18. Mind Map #3, Narrative Charting #1 due	

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<p>Online</p>	<p>Lecture – Online</p> <ol style="list-style-type: none"> 1. Pulmonary Assessment Overview 2. Review of Arterial Blood Gases (ABGs)
<p>Sect. 1 08:30 - 11:30 am</p> <p>Or</p> <p>12:30 - 3:30 pm</p>	<p>Sim Lab –</p> <ol style="list-style-type: none"> 1. Simulation: COPD (NLN Complex Case) -- 30 minutes (Remember to plan to develop Narrative Charting #2 on this patient) 2. Lung Sounds -- 20 minutes <ul style="list-style-type: none"> • Learning Lung Sounds DVD: <ul style="list-style-type: none"> ○ Listen to Fine Crackles, Rhonchi/Coarse Crackles, Wheezes, Pleural Rub, and Stridor ○ Access Case Studies: Read and listen to 2 of 3 case studies (3, 4, &/or 5); what helped you define the diagnosis? 3. Pulmonary Assessment – 30 minutes <ul style="list-style-type: none"> • Using the Vital Sim manikin, conduct a pulmonary assessment • Refer to Jarvis Physical Examination & Health Assessment, 6th Ed Chapters 1 & 11 Read “Prep Pulmonary Assessment” found on Blackboard (bring with you to class or access in class) and use narrative charting to record an assessment 4. Oxygen Delivery Mechanical Ventilation – 15 minutes <ul style="list-style-type: none"> • Review the Oxygen Delivery Devices and Flow Rates guide sheet • Review “Simplified Ventilators” by Malcolm Rosenberg, RN 5. Chest Tubes – 15 minutes <ul style="list-style-type: none"> • Access http://www.saddleback.edu/alfa/, select Chest Tubes and view material – Use your own saddleback login created week 1 • Review pg 284 - 290 from High Acuity 5th Ed. • Chest tube display: Identify the following: air leak monitor____, collection chamber____, suction control____, water seal chamber____ • What are the nurse’s responsibilities when assessing the patient with a chest tube in place? 6. ABGs & Arterial Lines – 15 minutes <ul style="list-style-type: none"> • View “6 Easy Steps to ABG Analysis” on YouTube.com (13:18 min) at http://www.youtube.com/watch?v=ZxqJwAF1RTE • Take the ABG Quiz at http://www.ekgusa.com/ceol/abgmap/bgmodul/cebgquiz/bgmapqc.htm • Insertion of Art Lines under Advanced Nursing at www.saddleback.edu/alfa/ - Use your own saddleback login created week 1 7. Tracheostomy Care – 15 minutes <ul style="list-style-type: none"> • Watch the video Tracheostomy Care (courtesy of ATI) at http://www.youtube.com/watch?v=k0Cn5L83JPw • Practice Trach care and suctioning (tracheal and nasotracheal) on the manikin <p>Other resource:</p>

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<http://www.youtube.com/watch?v=E8irjJ4yMMg&feature=related>

8. Diabetic Medication Review Station -- 10 minutes
Insulin sliding scales, Insulin drips, oral medications – compare to medications reviewed in your prep work assignments and do the quiz based on the West Hills Hospital Insulin guidelines
9. Conclusion – 15 - 20 minutes
 - Test Your Knowledge: ABG/Pulmonary (as a group) with Clickers

Consult syllabus for full listing of content requirements, preparation and assignments. Prepare Narrative Charting #2 based on today's simulation.