

**Covenant School of Nursing**  
**Instructional Module 2 Learning Guide**  
**Topic: Lab Values**  
**Unit 1**

<b>Learning Goals/Outcomes</b>
Upon completion of this lesson, you will be able to: <ul style="list-style-type: none"><li>• Identify the difference between normal and abnormal lab values.</li><li>• Recognize the impact of abnormal labs in the hospital patient.</li><li>• Identify the factors that contribute to the abnormal values.</li></ul>
<b>Pre-Class Preparation</b>
Required: Potter & Perry → pp. 220, 1156, 951, 451, 1064-1066; 957-958, 960, 966-989, 972 Additional Resources: <ul style="list-style-type: none"><li>• Power point slides</li><li>• Potter and Perry <u>Fundamentals of Nursing</u></li><li>• Medical-Surgical Nursing 9<sup>th</sup> ed. Tables on pages 1701-1708</li><li>• Mosby's Manual of Diagnostic and Laboratory Test 4<sup>th</sup> ed.</li></ul>
<b>Learning Activities</b>
Classroom Activities: <ul style="list-style-type: none"><li>• Participation in discussion and lecture.</li><li>• Participation in class case studies.</li><li>• Participation in class interactive games and quizzes.</li></ul> Laboratory/Clinical Activities: <ul style="list-style-type: none"><li>• Looking at assigned patient lab and knowing if they are normal or abnormal.</li></ul> Out of Class Activities: <ul style="list-style-type: none"><li>• None</li></ul>
<b>Self-Assessment</b>
Students, check your understanding: <ul style="list-style-type: none"><li>• What can affect lab values?</li><li>• What does an abnormal lab value mean for the patient?</li><li>• Discuss nursing interventions in a patient with abnormal lab?</li><li>• Explain if drugs can affect a person's lab values?</li></ul>
<b>Evaluation Methods</b>
<ul style="list-style-type: none"><li>• Discussion</li><li>• Applying knowledge in clinical settings.</li><li>• Examination: Unit 1 Exam related to labs, disease processes and effects.</li></ul>

<i>Time Allotments:</i>		
<b>Classroom</b>	<b>Laboratory</b>	<b>Out-of-Class Work</b>
<b>Texas DECs</b>		<b>QSEN Competencies</b>
<p>Knowledge            II.A.1.a; 2a, b., 3; II.B.2, 4, 5, 6, 7, 8, 11, 12; II.C, 3, 4b, 5, 6, 7, 8; II.D. 1a, 1b, 1c, 3b, 4c,5a; II.E, 1a, 1b, 2, 4a,4b, 5, 6b, 12, 13; II.F, 2; IIG, 2a, 2b, 3a, 3b IV.C, 1, 3, 5, 8,            Clinical Judgments and Behaviors            I.A.1, 2, 3a, 3b, B.2.a, 2.b, 3.a, 3.b, 3.c, 4.a, 4.b, 5.a, 5.c, 6.a, 6.b, 6.c; II.A, 1, 2.a, 2.b, 3, 4; II.B, 1, 2, 3.a, 3.b, 4, 5, 6, 7, 8, 9, II.C.1, 2, 3.a, 4, 5, 6, 7; II.D.1, 2.a, 2.c, 2.d, 3.a, 3.b,3.c; II.E.1, 2.a, 2.b, 2.c, 3.b, 4, 5.a, 6.a, 6.c, 6.d, 9, 10, 11, 12.b; II.F.1.a, 1.b, 1.c, 2.a, 2.b,5.a, 5.b; II.G.1,2a, 2b, 3, 4, 5a, 5b, 6, 7; II.H.6; III.A., 2, 3, 4, 5a; III.B.1, 2, 3.a, 3.b, 3.c, 4, 5, 8, 9; III.C.2.a, 2.b, III.D.1, 2, 3; III.E.1, 3; III.F.1; IV.A.1, IV.B.1.a, 2; IV.C.1.a, 2.b; IV.D.1.b, 3.b,</p>		PCC,T&C,EBP,SAFTEY
<b>IM Student Learning Outcomes</b>		<b>NCLEX Test Plan</b>
1/1,1/2,1/5,3/1,3/2,3/3,3/5/6,3/7		MOC (continuity of care, establishing priorities);S&IC (home safety);HP&P (health promotion/disease prevention, health screening, high risk behaviors, lifestyle choices, self-care, techniques of physical assessment); Psych int. (stress management, therapeutic communication); BC&C (nutrition); RRP (diag. tests, lab values, potential alt. in body systems, potential for complications of diag. test/treatments/procedures, system specific assessments; Phys. Adaption (alterations in body systems, hemodynamics, illness management)
<b>Concepts</b>		<b>Faculty</b>
Lab Values		C. Walker, MSN, RN
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*Topic: Lab Values cont'd*