

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

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

<i>Time Allotments:</i>		
Classroom	Laboratory	Out-of-Class Work
Texas DECs	QSEN Competencies	
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,	PCC,T&C,EBP,SAFTEY	
IM Student Learning Outcomes	NCLEX Test Plan	
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)	
Concepts	Faculty	
Lab Values	T. Nesbitt, DNP, RN, CNE	
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Topic: Lab Values cont'd

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