

LINCOLN UNIVERSITY
COLLEGE OF GRADUATE, UNDERGRADUATE AND PROFESSIONAL STUDIES

COURSE OUTLINE

Summer 2010
June, 07 – July, 26, 2010

Name: Dr. Jahan Orazova

Contact Information: Email: jorazova@lincolnuca.edu

Course Title: Abdomen & Small Parts I

Course Code: DI 150

Credit Hours: 3 Units Lecture & 1 Unit Lab,

Teaching Hours: 9:00 am – 11:45 am, T & TH

RESOURCE OF MATERIALS:

1. Textbook of Diagnostic Ultrasonography: 1st Volume, Sandra L. Hagen Ansert, 2006
ISBN-10: 0323028039; ISBN-13: 978-0323028035;
2. Abdomen and Superficial Structures (Diagnostic Medical Sonography) by Diane,
M. Kawamura, Lippincott Williams, 2007; ISBN-10: 0397552637/ISBN-13: 978-0397552634

RECOMMENDED:

3. Clinical Sonography: A Practical Guide. Roger C. Sanders; Tom Winter
ISBN-13: 9780781748698 / ISBN-10: 0781748690;
4. Sonography: Introduction to Normal Structure and Function. Reva Arnez Curry; Betty Bates
Tempkin, 2004. ISBN-13: 9780721697802/ISBN-10: 0721697801;
5. Mosby's Comprehensive Review for General Sonography Examinations. Susanna Ovel. 2008.
ISBN-13: 9780323052825/ISBN-10: 0323052827
6. Clinical Guide to Ultrasonography, Charlotte Henningsen, 2004.
ISBN-13: 9780323019385/ISBN-10: 0323019382;
7. Ultrasound: A Practical Approach to Clinical Problems, Edward I. Bluth; Carol B. Benson,
ISBN-13: 9781588904058/ISBN-10: 1588904059;
8. Abdominal Sonography: An Illustrated Review (Textbook), Beth Anderhub; Mary Jane Baker,
2010; ISBN-13: 9780941022514/ISBN-10: 094102251X
9. Abdominal Ultrasound Atlas, Luigi Buscarini; Rodolfo Campani, 2001, ISBN-13:
9781928649182/ISBN-10: 1928649181
10. Diagnostic Ultrasound: Second Edition (Two-Volume Set), Edited by: John P. McGahan; Edited
by: Barry B. Goldberg, 2008, ISBN-13: 9780849330766
ISBN-10: 0849330769

PRE-REQUISITE: DI 110; DI 120; DI 30; DI 120.

COURSE DESCRIPTION

Advanced ultrasound technologies including harmonic imaging, 3-dimensional Doppler color imaging and echography are used for studying small parts of human body and its normal and abnormal patterns.

SCHEDULE
Abdomen and Small Parts I

SYLLABUS DI 150						
W	LEC/LAB	TIME	DATA	TOPICS	Textbooks/Chapters	
					#1*	#2*
1	LEC	9.00-11.45	6/8/2010	Sonography of the liver (1) / Test#1	4,6	5
	LAB#1	12.30-02.25		Hands-on abdominal organs scanning		
	LEC	9.00-11.45	6/10/2010	Sonography of the liver (2) / Test#2	4,6	5
	LAB#2	12.30-02.25		Hands-on abdominal organs scanning		
2	LEC	9.00-11.45	6/15/2010	Sonography of the GB & biliary system / Test#3	7	6
	LAB#1	12.30-02.25		Hands-on abdominal organs scanning		
	LEC	9.00-11.45	6/17/2010	Sonography of the pancreas / Test#4	8	7
	LAB#2	12.30-02.25		Hands-on abdominal organs scanning		
3	LEC	9.00-11.45	6/22/2010	Sonography of the kidneys & AG (1) / Test#5	10	10,13
	LAB#1	12.30-02.25		Hands-on abdominal organs scanning		
	LEC	9.00-11.45	6/24/2010	Sonography of the urinary tract system (2) / Test#6	10	11
	LAB#2	12.30-02.25		Hands-on abdominal organs scanning		
4	LEC	9.00-11.45	6/29/2010	Midterm (50 q) Sonography of the spleen / Test#7	11	8
	LAB#1	12.30-02.25		Hands-on abdominal organs scanning		
	LEC	9.00-11.45	7/1/2010	Sonography of the abdominal aorta (1) / Test#8	5	4
	LAB#2	12.30-02.25		Hands-on abdominal organs scanning		
5	LEC	9.00-11.45	7/6/2010	Sonography of the mesenteric arteries (2) / Test#9	5, 10	4, 10
	LAB#1	12.30-02.25		Hands-on abdominal organs scanning		
	LEC	9.00-11.45	7/8/2010	Sonography of IVC & portal venous system/Test#10	4, 5, 6	4, 5
	LAB#2	12.30-02.25		Hands-on abdominal organs scanning		
6	LEC	9.00-11.45	7/13/2010	Sonography of the retroperitoneum / Test#11	12	13
	LAB#1	12.30-02.25		Hands-on abdominal organs scanning		
	LEC	9.00-11.45	7/15/2010	Sonography Peritoneal cavity & abdominal wall / Test#12	13	2, 3
	LAB#2	12.30-02.25		Hands-on abdominal organs scanning		
7	LEC	9.00-11.45	7/20/2010	Final (written) examination (100 q.)		
	LAB#1	12.30-02.25		Hands-on abdominal organs scanning		
	LEC	9.00-11.45	7/22/2010	Final/midterm examination make ups		
	LAB#2	12.30-02.25		Hands-on OB scanning – final exam		

Break time			
LEC	10.15-10.30am	LAB	01.15-01.30pm

Textbook#1 * Textbook of Diagnostic Ultrasonography: 1 st Volume, Sandra L. Hagen Ansert, 2006 ISBN-10: 0323028039 / ISBN-13: 978-0323028035;	Textbook#2* Abdomen and Superficial Structures (Diagnostic Medical Sonography) by Diane, M. Kawamura, Lippincott Williams, 2007; ISBN-10: 0397552637 / ISBN-13: 978-0397552634
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