ULTIMATE BASIC ULTRASOUND COURSE

20 - 21 MARCH 2027

KOCAELİ UNIVERSITY HOSPITAL CONFERENCE HALL KOCAELİ / TÜRKİYE

20 MARCH 2027

Hours	Room	Topic	Instructor	Outcome
08:00 - 09:00				Registration
09:00 - 09:40	Lecture Hall	Opening Ceremony, Course Introduction & Pre-Test	Bora ÇEKMEN	
09:40 - 10:30	Lecture Hall	Ultrasound Physics	Zamir Kemal ERTURK	To understand basic physics and mechanisms about ultrasound piezoelectric effect
10:30 - 10:40	**Coffee Break**			
10:40 - 11:30	Lecture Hall	Basic Cardiac Ultrasound (FoCUS)	Zamir Kemal ERTURK	To identify key cardiac views and assess pericardial effusion and global cardiac function using bedside echocardiography.
11:30 - 11:40	**Coffee Break**			
11:40 - 12:30	Lecture Hall	Lung Ultrasound (LUS)	Busra BILDIK	To interpret lung ultrasound to identify pleural effusion, pneumothorax, interstitial syndrome, and lung consolidation.
12:30 - 12:40	**Coffee Break**			
12:40 - 13:20	Lecture Hall	Lower Extremity Venous Ultrasound (LEV-US)	Ali SAGLIK	To perform focused ocular ultrasound and identify common ocular emergencies and optic nerve sheath abnormalities.
13:20 - 14:10	**Lunch Break**			
14:10 - 15:10	Room 1	Group A- FoCUS	Zamir Kemal ERTURK Bahri Ogulcan TABAK	To apply probe handling and scanning techniques to practice on the subject
14:10 - 15:10	Room 2	Group B- LUS /LEV-US	Busra BILDIK Ali SAGLIK	
15:10 - 15:20	**Coffee Break**			
15:20 - 16:20	Room 1	Group B- FoCUS	Zamir Kemal ERTURK Bahri Ogulcan TABAK	To apply probe handling and scanning techniques to practice on the subject
15:20 - 16:20	Room 2	Group A- LUS / LEV-US	Busra BILDIK Ali SAGLIK	

21 MARCH 2027

Hours	Room	Topic	Instructor	Outcome
09:00 - 09:50	Lecture Hall	Basic Abdominal Ultrasound	Busra BILDIK	To recognize normal and pathological findings in abdominal organs such as the liver, gallbladder, kidneys, and bladder
09:50 - 10:00	**Coffee Break**			
09:00 - 09:50	Lecture Hall	Aorta and IVC Ultrasound	Ali SAGLIK	To perform the E-FAST examination and recognize common pathological findings using standard sonographic windows
10:50 - 11:00	**Coffee Break**			
11:00 - 11:40	Lecture Hall	E-FAST /RUSH	Bora CEKMEN	To perform focused aortic and IVC ultrasound examinations and apply sonographic findings to assess aortic pathology and intravascular volume status
11:10 - 11:50	**Coffee Break**			
11:50 - 12:30	Lecture Hall	VExUS	Busra BILDIK	To identify the venous anatomy of the lower extremity, perform compression ultrasound, and recognize common pathological findings
12:30 - 13:30	**Lunch Break**			
13:30 - 14:30	Room 1	Group A - Abdominal Ultrasound	Busra BILDIK Ayse ISIK GUVEN	To apply probe handling and scanning techniques to practice on the subject
13:30 - 14:30	Room 2	Group B - VExUS	Ali SAGLIK Bahri Ogulcan TABAK	
14:30 - 14:40	**Coffee Break**			
13:40 - 15:40	Room 1	Group B - Abdominal Ultrasound	Busra BILDIK Ayse ISIK GUVEN	To apply probe handling and scanning techniques to practice on the subject
14:40 - 15:40	Room 2	Group A - VExUS	Ali SAGLIK Bahri Ogulcan TABAK	
15:40 - 16:10	Lecture Hall	Q&A Session & Post-test	Bora CEKMEN	
16:10 - 16:30	Lecture Hall	Closing Ceremony and Certification	All Instructors	

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