ULTIMATE
BASIC ULTRASOUND COURSE

20 – 21 FEBRUARY 2027

KOCAELI UNIVERSITY HOSPITAL CONFERENCE HALL, KOCAELI, TÜRKIYE

PROGRAMME — **20 February 2027 Day 1**

Time	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 ERTÜRK*	To understand basic physics and mechanisms about ultrasound piezoelectric effect
10:30-10:40	**Break**			
10:40-11:30	Lecture Hall	Basic Cardiac Ultrasound (FoCUS)	*Zamir Kemal ERTÜRK*	To identify key cardiac views and assess pericardial effusion and global cardiac function using bedside echocardiography.
11:30-11:40	**Break**			
11:40-12:30	Lecture Hall	Lung Ultrasound (LUS)	*Büşra BİLDİK*	To interpret lung ultrasound to identify pleural effusion, pneumothorax, interstitial syndrome, and lung consolidation.
12:30-12:40	**Break**			
12:40-13:20	Lecture Hall	Lower Extremity Venous Ultrasound (LEV-US)	*Ali SAĞLIK*	To perform compression ultrasound of the lower extremity veins to detect deep vein thrombosis.
13:20-14:10	**Lunch Break**			
14:10-15:10	**Room 1**	Group A - FoCUS	*Zamir Kemal ERTÜRK* *Bahri Oğulcan TABAK* *Bahri Oğulcan TABAK*	To apply probe handling and scanning techniques to practice on the subject
14:10-15:10	**Room 2**	Group B - LUS / LEV-US	*Büşra BİLDİK* *Ali SAĞLIK*	
15:10-15:20	**Break**			
15:20-16:20	**Room 1**	Group B - FoCUS	*Zamir Kemal ERTÜRK* *Bahri Oğulcan TABAK*	To apply probe handling and scanning techniques to practice on the subject
15:20-16:20	**Room 2**	Group A - LUS / LEV-US	*Büşra BİLDİK* *Ali SAĞLIK*	

PROGRAMME — **21 February 2027 Day 2**

Time	Room	Topic	Instructor	Outcome
09:00-09:50	Lecture Hall	Basic Abdominal Ultrasound	*Büşra BİLDİK*	To recognize normal and pathological findings in abdominal organs such as the liver, gallbladder, kidneys, and bladder
09:50-10:00	**Break**			
10:00-10:50	Lecture Hall	Aorta and IVC Ultrasound	*Ali SAĞLIK*	To assess the abdominal aorta and inferior vena cava to identify aortic abnormalities and evaluate venous filling.
10:50-11:00	**Break**			
11:00-11:40	Lecture Hall	E-FAST /RUSH	*Bora ÇEKMEN*	To apply E-FAST and RUSH protocols to identify key findings in trauma patients and undifferentiated shock.
11:40-11:50	**Break**			
11:50-12:30	Lecture Hall	VExUS	*Büşra BİLDİK*	To identify venous congestion using VExUS and interpret hepatic, portal, and intrarenal venous Doppler findings.
12:30-13:30	**Lunch Break**			
13:30-14:30	**Room 1**	Group A - Abdominal Ultrasound	*Büşra BİLDİK* *Ayşe Işık GÜVEN*	To apply probe handling and scanning techniques to practice on the subject
13:30-14:30	**Room 2**	Group B - VExUS	*Ali SAĞLIK* *Bahri Oğulcan TABAK*	
14:30-14:40	**Break**			
14:40-15:40	**Room 1**	Group B - Abdominal Ultrasound	*Büşra BİLDİK* *Ayşe Işık GÜVEN*	To apply probe handling and scanning techniques to practice on the subject
14:40-15:40	**Room 2**	Group A - VExUS	*Ali SAĞLIK* *Bahri Oğulcan TABAK*	
15:40-16:10	Lecture Hall	Q&A and Post-Test	*Bora ÇEKMEN*	
16:10-16:30	Lecture Hall	Closing Ceremony and Certification	*All Instructors*	

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