BASIC ULTRASOUND COURSE

Value: Bezmiâlem Vakıf University Faculty of Medicine Erich Frank Amphitheatre, ISTANBUL, TURKEY

Date: 10-11 October 2026

Day	Hours	Room	Topic	Lecturer	Outcome
DAY 1	08:00-09:00	Registration			
	09:00-09:40	Lecture Room	Welcome Ceremony, Course Introduction & Pre-test	Bora CEKMEN	
	09:40-10:30	Lecture Room	Ultrasound Physics	Zamir Kemal ERTURK	To understand basic physics and mechanisms about ultrasound piezoelectric effect
	10:30-10:40	Break			
	10:40-11:30	Lecture Room	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	Break			
	11:40-12:30	Lecture Room	Lung Ultrasound (LUS)	Busra BILDIK	To interpret lung ultrasound to identify pleural effusion, pneumothorax, interstitial syndrome, and lung consolidation.
	12:30-12:40	Break			
	12:40-13:20	Lecture Room	Ocular Ultrasound	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-Bahadir TAŞLIDERE Bahri Ogulcan TABAK- Bora CEKMEN	To apply probe handling and scanning techniques to practice on the subject
	14:10-15:10	Room 2	Group B- LUS /Ocular US	Busra BILDIK / Ayse ISIK GUVEN Ali SAGLIK / Ramazan UNAL	
	15:10-15:20	Break			
	15:20-16:20	Room 1	Group B- FoCUS	Zamir Kemal ERTURK-Bahadir TAŞLIDERE Bahri Ogulcan TABAK- Bora CEKMEN	To apply probe handling and scanning techniques to practice on the subject
	15:20-16:20	Room 2	Group A- LUS / Ocular US	Busra BILDIK / Ayse ISIK GUVEN Ali SAGLIK / Ramazan UNAL	
Day	Hours	Room	Topic	Lecturer	Outcome
DAY 2	09:00-09:50	Lecture Room	Abdominal Ultrasound – Basics	Ramazan UNAL	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 Room	E-FAST	Ayse ISIK GUVEN	To perform the E-FAST examination and recognize common pathological findings using standard sonographic windows
	10:50-11:00	Break			
	11:00-11:40	Lecture Room	Aorta and IVC Ultrasound	Ali SAGLIK	To perform focused aortic and IVC ultrasound examinations and apply sonographic findings to assess aortic pathology and intravascular volume status
	11:40-11:50	Break			
	11:50-12:30	Lecture Room	Lower Extremity Venous Ultrasound (LEV-US)	Ali SAGLIK	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 /e-FAST	Busra BILDIK - Ayse ISIK GUVEN Ramazan UNAL-Julide GURBUZ	To apply probe handling and scanning techniques to practice on the subject
	13:30-14:30	Room 2	Group B- Aorta/IVC/LEV-US	Ali SAGLIK Zamir Kemal ERTURK- Bahri Ogulcan TABAK	
	14:30-14:40	Break			
	14:40-15:40	Room 1	Group B- Abdominal Ultrasound /e-FAST	Busra BILDIK - Ayse ISIK GUVEN Ramazan UNAL-Julide GURBUZ	To apply probe handling and scanning techniques to practice on the subject
	14:40-15:40	Room 2	Group A- Aorta/IVC/LEV-US	Ali SAGLIK Zamir Kemal ERTURK- Bahri Ogulcan TABAK	
	15:40-16:10	Lecture Room	Q&A Session & Post-test	Bora CEKMEN	
	16:10-16:30	Lecture Room	Closing Ceremony and Certification		