



FACULTATEA DE MEDICINĂ

UNIVERSITATEA „OVIDIUS” DIN CONSTANȚA

ULTRASOUND SUMMER SCHOOL

31 August – 3 September 2023

Hotel Ramada, Constanța, Romania

Coordonatori: Prof. univ. Dr. Ioan Tiberiu TOFOLEAN, Prof. univ. Dr. Radu BADEA

Thursday, 31 August 2023

Open Ceremony Online section – Ioan Tiberiu Tofolean, Radu Badea – 15.45-16.00

1. Clinical Ultrasonography – principles, equipments, technical updates (4 hours)

Coordinator: Prof. Dr. Radu Badea (IRGH, UMF Cluj Napoca, Romania)

| | Title | Lecturer | Time |
|---|---|--------------------------|-------------|
| 1 | Basic Principles of Clinical Ultrasound | Radu Badea | 16:00-17:00 |
| 2 | Setting the Devices - How we get a qualitative image | Titus Șuteu | 17:00-18:00 |
| | Break | | 18:00-18:10 |
| 3 | Miniaturized Technique - US at the patient's bed / in the doctor's office | Radu Badea | 18:10-19:10 |
| 4 | Technical news in the clinical ultrasonography field | US technical specialists | 19:10-20:10 |

Friday, 1 September 2023

Open Ceremony – Ioan Tiberiu Tofolean, Radu Badea – 08.45-09.00

1. Musculoskeletal section (3 hours - theory, clinical cases)

Coordinator: Prof. Dr. Dana Fodor (UMF Cluj Napoca, Romania)

| | Title | Lecturer | Time |
|----|---|-----------------|-------------|
| 1 | Treatment with Anticoagulants | Michael Pelea | 09:00-09:18 |
| 2 | Treatment with Diuretics | Oana Șerban | 09:18-09:36 |
| 3 | Xerostomia, xeroftalmia | Maria Bădărință | 09:36-09:54 |
| 4 | Joint pain | Oana Șerban | 09:54-10:12 |
| 5 | Muscle pain | Maria Bădărință | 10:12-10:30 |
| | Coffee break | | 10:30-10:40 |
| 6 | Palpable mass in the musculoskeletal system | Daniela Fodor | 10:40-10:58 |
| 7 | Biological inflammatory syndrome and musculoskeletal pain | Oana Șerban | 10:58-11:16 |
| 8 | Injuries | Michael Pelea | 11:16-11:34 |
| 9 | Paraneoplastic syndromes and chemotherapy | Daniela Fodor | 11:34-11:52 |
| 10 | Various musculoskeletal complaints | Daniela Fodor | 11:52-12:10 |
| | LUNCH BREAK | | 12:10-13:00 |

2. Section „SRUMB invites SIUMB - Italy” (3 hours, theory, demonstrations, clinical cases)

Coordinator: Prof. Dr. Fabrizio Calliada (University of Pavia, Italy)

| | Title | Lecturer | Time |
|---|--|----------------------------------|-------------|
| 1 | What's new in CEUS and Technical evolution of ultrasound equipment | Fabrizio Calliada (Pavia, Italy) | 13:00-13:25 |

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|---|---|------------------------------------|-------------|
| 2 | Ultrasound in an Emergency Department Lung Ultrasound | Soccorso Sofia (Bologna, Italy) | 13:25-14:15 |
| 3 | Neuro-vascular Ultrasound and Vascular imaging: evolution of techniques | Alder Casadei (Bolzano, Italy) | 14:15-14:40 |
| 4 | LUNG ULTRASOUND demo | Soccorso Sofia (Bologna, Italy) | 14:40-15:10 |
| 5 | Main uses of ultrasonography in the skin in daily practice Medical photography: the importance of a good image | Paola Pasquali (Valls, Spain) | 15:10-16:00 |
| | Coffee break | | 16:00-16:30 |

3. Hands-on section (1 hour 30 minutes)

Coordinators: Prof. Dr. Daniela Fodor (UMF Cluj Napoca), Conf. Dr. Attila Frigy (UMF Târgu Mureş)

| | Title | Lecturer | Time |
|---|--------------------------|---|-------------|
| 1 | Hands-on Musculoskeletal | Daniela Fodor, Oana Şerban, Michael Pelea, Maria Bădărănză | 16:30-18:00 |
| 2 | Hands-on Cardiovascular | Attila Frigy | 16:30-18:00 |
| 3 | Hands-on Thyroid | Andreea Borlea, Luciana Moisa Luca | 16:30-18:00 |

Saturday, 2 September 2023

1. Section Interventional Ultrasound. The role of interventional procedures in diagnosis and minimally invasive treatment (1 hour 30 minutes)

Coordinator: Prof. dr. Zeno Spârchez (UMF Cluj Napoca)

| | Title | Lecturer | Time |
|---|---|---|-------------|
| 1 | The role of US and CEUS in the diagnosis and management of complications of interventional procedures | Zeno Spârchez | 09:00-09:30 |
| 2 | Atypical echoendoscopic diagnostic possibilities | Romeo Chira | 09:30-10:00 |
| 3 | Drainage of hydatid cysts | Adnan Kaabagloglu (Istanbul, Turkey) | 10:00-10:30 |
| | Coffee break | | 10:30-10:45 |

2. Section Elementary Ultrasonography (2 hours)

Coordinator: Prof. dr. Radu Badea (IRGH, UMF Cluj Napoca)

| | Title | Lecturer | Time |
|---|---|-------------------------------|-------------|
| 1 | History of ultrasound in România | Petru Adrian Mircea | 10:45-11:15 |
| 2 | Role of CEUS in gastroenterology - practical approach | Akos Jaray (Pécs, Hungary) | 11:15-11:45 |
| 3 | Ultrasonography of the abdomen. A topographically centered and clinically directed approach | Radu Badea | 11:45-12:15 |
| 4 | CEUS in thyroid pathology | Dana Stoian | 12:15-12:45 |
| | LUNCH BREAK | | 12:30-13:30 |

3. Section Clinical Ultrasonography (1 hours 45 minutes)

Coordinator: Prof. dr. Ioan Tiberiu Tofolean (UMF Constanţa)

| | Title | Lecturer | Time |
|---|---|-------------------------|-------------|
| 1 | Abdomino-pelvic emergencies | Ioan Tiberiu Tofolean | 13:30-13:55 |
| 2 | Vascular ultrasonography. Abdominal applications | Dan Stănescu | 13:55-14:25 |
| 3 | Portal thrombosis: as a complication of the surgical procedure and a source of surgical abdomen | Dana Nedelcu | 14:25-14:50 |
| 4 | US examination of the spleen | Elena Simona Ioanişescu | 14:50-15:15 |
| | Coffee break | | 15:15-15:30 |

4. Section „CFU Constanţa invites CFU Târgu Mureş” (2 hours)

Coordinator: Şef lucr. dr. Mirela Gliga (UMF Târgu Mureş)

| | Title | Lecturer | Time |
|---|-------------------------|----------------------|-------------|
| 1 | POCUS in Nephro-urology | Mirela Gliga | 15:30-16:00 |
| 2 | POCUS of the abdomen | Adriana Gomotîrceanu | 16:00-16:30 |
| 3 | POCUS in Pediatrics | Gina Dobrescu | 16:30-17:00 |
| 4 | POCUS in Cardiology | Attila Frigy | 17:00-17:30 |

Sunday, 3 September 2023

1. Section: Case studies (6 hours) (online)

Coordinators: Prof. dr. Ioan Tiberiu Tofolean, Prof. dr. Radu Badea

| | Title | Lecturer | Time |
|---|--|----------------------------------|-------------|
| 1 | Case studies | Dana Nedelcu | 09:30-10:30 |
| 2 | Case studies | Elena Simona Ioanițescu | 10:30-11:30 |
| | Break | | 11:30-11:40 |
| 3 | Case studies | Ioan Tiberiu Tofolean | 11:40-12:40 |
| 4 | Case studies | Radu Badea | 12:40-13:40 |
| | Break | | 13:40-13:50 |
| 5 | Case studies | Radu Badea | 13:50-14:20 |
| 6 | Case studies | Ioan Tiberiu Tofolean | 14:20-15:05 |
| 7 | Case studies | Fabrizio Calliada (Pavia, Italy) | 15:05-15:50 |
| | Quiz. Evaluation of the event. Closing remarks | Ioan Tiberiu Tofolean | 15:50-16:00 |

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