



## **Workshop Schedule :**

### **„The Point of care ultrasonography (PoC-US) in Family Medicine - updates and perspectives.”**

**General learning objectives:** The Point of Care Ultrasonography - performed by the clinician at the site of patient care, both in the medical office or at home, is an important tool to guide the case management for the early diagnosis with targeted purpose. It represents basically, an extension and complement, to clinical examination of the physician, to achieve an accurate positive and differential diagnosis. PoC-US is now an investigation in development, who can complement physical examination of the family doctors, and can guide the case management to the bedridden patients. We need training and quality standards, to ensure us, that this will be done in a way with positive benefits for our patients, being useful, to the implementation of ultrasound standards and practice guidelines of the primary care level. It involves personal contact between doctor and patient at "bedside", it is a fast in real time method, repetitive, cheap and harmless but dependent on the experience and expertise of the examiner. A new opportunity for PoC-US represents the application in primary care of the medical projects related to „telemedicine” connections among specialists and family doctors for enhanced patient management. The Educational needs of GPs on the new methods and technologies are increasing, but the resources and infrastructure are limited now. It is thus necessary, collaboration among the family physicians trainers or academics, on the one hand, and to the other, of the specialty physicians in the preparation and continuing medical education in family medicine. Early diagnosis can help to save many patients in primary care, based on notions of good clinical practice. Therefore, we will involve, to inform family physicians about the latest diagnostic and treatment protocols in clinical ultrasound.

**Lecturers:** Mihai IACOB, Alina POPESCU, Ilse HELLEMANN, Dana STOIAN.

**1. Dr. Mihai IACOB, MD, dr\_iacob@yahoo.com, Department of Research in Primary Care, Ultrasound Working Group / President of EUVEKUS / EADUS, Vienna, Austria.**

**2. Dr. Alina Popescu, MD, Assoc. Prof., President of The Romanian Society of Ultrasonography in Medicine and Biology, WFUMB Center of Education, EFSUMB Ultrasound Learning Centre, Department of Gastroenterology and Hepatology"Victor Babeş" University of Medicine and Pharmacy Timișoara, Romania.**

**3. Dr. Ilse Hellemann, MD, Lecturer of the Department of General Practice and Family Medicine, Medical University Graz, Austrian national representative to the council of the European Society of General Practice/Family Medicine, Wonca-Europe and EURACT.**

**4. Dr. Dana Stoian, MD, PhD, CCD, FECSM, Assoc. Prof., senior endocrine consultant, Department of Endocrinology, Victor Babes University of Medicine and Pharmacy Timisoara.**

**Participants:** Family doctors, Specialist Physicians, Health care professionals and scientific researchers.

**Recommendation:** The participants at this workshop, must have a laptop or tablet or Smart Phone with them, to interact online with lecturers.

**Methods:** The workshop will include an interactive presentation and practice examples with ultrasound movies, role plays and a short Hands On Session, and we will debate lectures and practical demonstrations by the interpretation of various ultrasound images of some applications of the Point of Care Ultrasonography in Family Medicine. Participants will enter the ultrasound semiology data on various smart softwares, that we will present, as a tool of support for unqualified doctors in PoC-US. These Smart Ultrasound Software are designed by us in the form of a modern diagnostic algorithm and represent a premiere in the PoC-US field.

**Expected results:** Participants will receive information and practical advice regarding the PoC-US new applications in the practice of family doctors.

**Table: Long Version Program - for Participants. Workshop – Saturday, 22nd, June, 2019**

<i>Time</i>	<i>Duration</i>	<i>Theme:</i>	<i>Method:</i>	<i>Lecturers:</i>
8-9	60'	Registration of the participants	Registration of the participants	<b>EUVEKUS</b>
9-9.05	5'	Welcome message	Short introduction.	<b>EUVEKUS</b>
9.05-9.35	30'	1. Limits in diagnosis without ultrasonography.	Short introduction. Lecture. General discussion. Practice examples.	<b>Dr. Ilse Hellemann</b>
9.35-10.05	30'	2. Ultrasound for everybody – PoC-US. The view in the body – Examination Technique and Sonoanatomy	Short introduction. Lecture. General discussion. Practice examples.	<b>Dr. Alina POPESCU</b>
10.05-10.15	10'	Coffee break. Presentation about GE and U/S in GE.	<b>Coffee break.</b>	
10.15-10.45	30'	3. The value of abdominal sonography in the diagnosis of digestive emergencies.	Lecture Practice examples General discussion	<b>Dr. Alina POPESCU</b>
10.45-11.15	30'	4. The PoC- US applications- The basic ultrasound diagnosis in abdominal pathology – an efficient tool diagnosis for the family physicians practice.	Lecture. General discussion. Practice examples.	<b>Dr. Mihai IACOB</b>
11.15-11.30	15'	Coffee break. Presentation about GE and U/S in GE.	<b>Coffee break.</b>	
11.30-12.30	60'	5. Hands-On Session. (G.E. devices) Four work units on GE Devices. Each participant will put his/her hand on the ultrasound probe and will execute standard sections and plans at the abdominal and pelvic levels.	Hands On Session, Practice examples, General discussion. Group discussion, Completing ultrasonographic forms - Online. Debates.	<b>Dr. Mihai IACOB</b> <b>Dr. Alina POPESCU</b> <b>Dr. Ilse HELLEMANN</b> <b>Dr. Dana STOIAN</b>
12.30-13.30	60'	Lunch break.	<b>Lunch break.</b>	



13.30-14.00	30'	6. Where to check for free fluid and gas? FAST Exam – Focused Abdominal Sonography in Trauma.	Lecture Practice examples General discussion	Dr. Alina POPESCU
14.00-14.30	30'	7. The Point of care ultrasonography (POC-US) in family medicine - present and perspectives. Results of a European Survey released in the research networks in primary care (EGPRN, EURACT, WONCA) regarding the Point of Care Ultrasonography applications in the Family Medicine.	Lecture. General discussion. Practice examples. Online Survey.	Dr. Mihai IACOB
14.30-15.40	10'	Coffee break. Presentation about GE and U/S in GE.	Coffee break.	
15.40-16.20	40'	8. Hands-On Session. (G.E. devices) Three or four work units on GE Devices. Each participant will put his/her hand on the ultrasound probe and will execute standard sections and plans at the abdominal and pelvic levels. 	Hands On Session, Practice examples, General discussion. Group discussion, Completing ultrasonographic forms - Online. Debates.	Dr. Mihai IACOB  Dr. Alina POPESCU  Dr. Ilse HELLEMANN  Dr. Dana STOIAN
16.20-16.40	20'	9. Diffuse thyroid disease – clinical implications	Lecture. General discussion. Practice examples.	Dr. Dana STOIAN
16.40-17.00	20'	10. Nodular thyroid disease – ultrasound help in correct clinical judgment	Lecture. General discussion. Practice examples.	Dr. Dana STOIAN
17.00-17.10	10'	Coffee break. Presentation about GE and U/S in GE.	Coffee break.	
17.10-17.30	20'	11. Introduction to the Thyroid Clinical Ultrasound. Technique of thyroid ultrasonographic examination. Computerized diagnostic algorithm for the practice of thyroid ultrasound in the family doctor's office (Smart Thyroid Ultrasound Software). Presentation of the THYROSCREEN project – The first interdisciplinary integrated thyroid screening.	Lecture. General discussion. Practice examples.	Dr. Mihai IACOB
17.30-18.10	40'	12. Hands-On Session. (G.E. devices) Four work units on GE Devices. Each participant will put his/her hand on the ultrasound probe and will execute standard sections and plans at the abdominal, pelvic and thyroid levels. 	Hands On Session, Practice examples, General discussion. Group discussion, Completing ultrasonographic forms - Online. Debates.	Dr. Mihai IACOB  Dr. Dana STOIAN  Dr. Alina POPESCU  Dr. Ilse HELLEMANN
18.10-18.25	15'	Evaluation process and final discussion. Issuing of Participation Certificates.	Assessment Online PoC-US Survey	Participants.

**Survey „The Point Of Care Ultrasonography” at the Family Medicine and Ambulatory Medicine  
(PoCUS=Emergency Ultrasound, Focused Ultrasound, and Clinician-Performed Ultrasound)**

<https://www.surveymonkey.com/r/S68MW3H>

Note: You do not need, to have experience in this field, being just a survey about your expectations related to clinical ultrasound theme. Practicing of the sonography is not necessary to complete this survey. There are no wrong answers. It's just a physician's opinion polling. Your opinion is important to us. I thank, to all colleagues, who had already completed this survey.

You can access the questionnaire, on line directly, from the email address below:

<https://www.surveymonkey.com/r/S68MW3H>

This questionnaire has an EGPRN version and was sent to our colleagues, so please if you want to join us, even out of curiosity, to complete this survey. Till now, we have more than 400 answers of the family doctors, to this survey. More details can be found on the EUVEKUS web page:

<http://ultrasonography.eu/index.php/en/projects-publications/poc-us-in-family-medicine-2>



**Dr. Ilse HELLEMANN**

**Dr. Mihai IACOB**

**Prof. Alina POPESCU**

**Prof. Dana STOIAN**

