

The Point of Care Ultrasonography in Family Medicine - updates and perspectives.

JUNE 22, 2019
VIENNA, AUSTRIA
Medizinische Universität/Universitätsklinik Wien
A-1090 Vienna, Sensengasse 2a.



## **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 Timişoara, 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, Departament 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 includes 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

8-9 60′ Registration of the participants  9-9.05 5′ Welcome message  9.05- 9.35 30′ 1. Limits in diagnosis without ultrasonography.  9.35 30′ 2. Ultrasound for everybody – PoC-US. The view in the body – Examination Technique and Sonoanatomy  9.35- 10.05 10′ Coffee break. Presentation about GE and U/S in GE. 10.15- 10.15- 10.45 30′ 3. The value of abdominal sonography in the diagnosis of digestive emergencies.  10.45- 11.15 30′ 4. The PoC- US applications- The basic ultrasound diagnosis for the family physicians practice.  11.15- 11.15 15′ Coffee break. Presentation about GE and U/S in GE. 11.15- 11.30 60′ 5. Hands-On Session. (G.E. devices) Four work units on GE Devices. Each participant will put his/her hand on the ultrasound plans at the abdominal and pelvic levels.  12.30 60′ Lunch break.  12.30 60′ Lunch break.  Lunch break.  Lunch break.  Lunch break.  EUVEKUS Short introduction. Lecture. General discussion. Practice examples. Coffee break.  Dr. Alina ProPESCU General discussion. Practice examples. General discussion. Practice examples. Four work units on GE Devices. Each participant will put his/her hand on the ultrasound plans at the abdominal and pelvic levels.  11.30 60′ Lunch break.  Lunch break.  Lunch break.	Time	Duration	Theme:	Method:	Lecturers:
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-14.00	30	6. Where to check for free fluid and gas?  FAST Exam – Focused Abdominal Sonography in	Lecture	Dr. Alina POPESCU
-14.00		Trauma.	Practice examples General discussion	POPESCO
14.00-	30'	7. The Point of care ultrasonography (POC-US) in	Lecture.	Dr. Mihai
14.30		family medicine - present and perspectives. Results	General discussion.	IACOB
		of a European Survey released in the research	Practice examples.	
		networks in primary care (EGPRN, EURACT, WONCA)	Online Survey.	
		regarding the Point of Care Ultrasonography		
		applications in the Family Medicine.		
14.30-	10'	Coffee break. Presentation about GE and U/S in GE.	Coffee break.	
15.40	-		-	
15.40-	40'	8. Hands-On Session. (G.E. devices)	Hands On Session,	Dr. Mihai
16.20		Three or four work units on GE Devices.	Practice examples,	IACOB
		Each participant will put his/her hand on the	General discussion.	
		ultrasound probe and will execute standard sections	Group discussion,	Dr. Alina
		and plans at the abdominal and pelvic levels.	Completing	POPESCU
			ultrasonographic	
			forms - Online.	Dr. Ilse
		role	Debates.	HELLEMANN
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				Dr. Dana
				STOIAN
16.20-	20'	9. Diffuse thyroid disease – clinical implications	Lecture.	Dr. Dana
16.40			General discussion.	STOIAN
			Practice examples.	
16.40-	20'	10. Nodular thyroid disease - ultrasound help in	Lecture.	Dr. Dana
17.00		correct clinical judgment	General discussion.	STOIAN
			Practice examples.	
17.00-	10'	Coffee break. Presentation about GE and U/S in GE.	Coffee break.	
17.10				
17.10-	20'	11. Introduction to the Thyroid Clinical Ultrasound.	Lecture.	Dr. Mihai
17.30		Technique of thyroid ultrasonographic examination.	General discussion.	IACOB
		Computerized diagnostic algorithm for the practice	Practice examples.	
		of thyroid ultrasound in the family doctor's office		
		(Smart Thyroid Ultrasound Software). Presentation		
		of the THYROSCREEN project – The first		
		interdisciplinary integrated thyroid screening.		
17.30-	40'	12. Hands-On Session. (G.E. devices)	Hands On Session,	Dr. Mihai
18.10		Four work units on GE Devices.	Practice examples,	IACOB
		Each participant will put his/her hand on the	General discussion.	D., D.
		ultrasound probe and will execute standard sections	Group discussion,	Dr. Dana
		and plans at the abdominal, pelvic and thyroid	Completing	STOIAN
		levels.	ultrasonographic	Dr. Alina
			forms - Online.	
		role	Debates.	POPESCU
		play		Dr. Ilse
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19 10	15'	Evaluation process and final discussion	Accessment Online	HELLEMANN
18.10-	15′	Evaluation process and final discussion.	Assessment Online	
18.10- 18.25	15′	Evaluation process and final discussion. Issuing of Participation Certificates.	Assessment Online PoC-US Survey	HELLEMANN

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



Dr. Ilse HELLEMANN Dr. Mihai IACOB Prof. Alina POPESCU Prof. Dana STOIAN

