



**POINT OF CARE ULTRASONOGRAPHY IN PRIMARY AND AMBULATORY HEALTHCARE
AS A DAILY PRACTICE**

Euroson POCUS SCHOOL VIENNA 2023, 4th Edition

08-09 SEPTEMBER, 2023

VIENNA, AUSTRIA

Medizinische Universität/Universitätsklinik Wien

A-1090 Vienna, Sensengasse 2a.



The 4th Edition - EUROSON PoC-US SCHOOL, 08-09 September 2023, Vienna, Austria

The Point of Care Ultrasonography in Primary and Ambulatory Healthcare as a daily practice.

Event schedule „Euroson POCUS SCHOOL VIENNA 2023, 4th Edition/EUVEKUS/EFUMB.

Conference Venue : MEDIZINISCHE UNIVERSITAT WIEN, Universitätszahnklinik Wien,

Sensengasse 2A, 1090 Vienna, Austria, www.unizahnklinik-wien.at

Day 1 / Friday, 8 SEPTEMBER 2023

▶ 07:45-08:00 - Registration of participants

I. Amphitheater: Hörsaal.

▶ 08:00-08:15 ▪ Welcome speech – The 4th Edition - Euroson POCUS School Vienna 2023.

Chairman: Dr. Mihai IACOB, EUVEKUS President

▶ 08:15-08:45 ▪ The WONCA Europe Position Paper on the use of Point-of-Care ultrasound in Family Medicine.

Keynote Speaker: Prof. Dr. Shlomo VINKER, WONCA Europe President

▶ 08:45-09:15 ▪ The PoC- US applications in Family Medicine. E FAST Exam – Focused Abdominal Sonography in Trauma. The contribution of POCUS in emergencies at the family doctor's practice.

Speaker: Dr. Mihai IACOB, EUVEKUS President.

▶ 09:15-09:45 ▪ Lung ultrasound in diagnosis and follow-up of community acquired pneumonia.

Speaker: Dr. Mateusz KOSIAK, MD.

▶ 09:45-10:00

Equipment on stage. Coffee break.

▶ 10:00-10:20 POCUS of the upper abdominal floor. (POCUS applications in the liver, gallbladder, pancreas, and spleen).

Speaker: Prof. Dr. Radu Badea, MD, Ph.D., Medical Imaging Department, „Iuliu Hatieganu” University of Medicine and Pharmacy Cluj Napoca;

▶ 10:20-10:50 ▪ Syndrome-focused ultrasonography.

Speaker: Prof. Dr. DIETER NUERNBERG, Dean of the Brandenburg Medical University Theodor Fontane, Brandenburg Institute for Clinical Ultrasound (BICUS), NGO consultant of WHO (Representing WFUMB.

▶ 10:50-11:10 ▪ The role of ultrasound in abdominal emergencies. GP perspective

Speaker: Prof. Dr. Ioan SPOREA, MD, Ph.D., Professor of Gastroenterology at University of Medicine and Pharmacy of Timisoara

▶ 11:10-11:30 ▪ Cervical ultrasonography. The Thyroid Clinical Multimodal Ultrasound.

Speaker: Prof Dr Vito CANTISANI, MD., Ph.D., EFSUMB HONORARY TREASURER.

▶ 11:30-12:00 ▪ Pelvic anatomy and pathology - what should be easily recognized in a PoCUS examination?

Keynote Speaker: Prof Dr. Med. Christian JENSSEN, EFSUMB PRESIDENT.

▶ 12:00-12:15

Equipment on stage. Coffee break

▶ 12:15 -12:45 ▪ Focused cardiac ultrasound in general practice: diagnosis and management of the cardiac disease.

Speaker: Dr. Gergely AGOSTON MD, Vicepresident of the WG of the Hungarian Association of Cardiovascular Imaging.

▶ 12:45-13:15 ▪ The contribution and limitations of breast ultrasound in medical practice. Introduction to the ductal and conventional clinical ultrasound.

Speaker: Dr. Dominique AMY, MD, EFSUMB Breast US/Elastography Expert.

▶ 13:15-13:45 ▪ A Clinical Test Report: The Accuracy and Acceptance of a Handheld POCUS Device in an Emergency Room Setting. Zicherman Y., Binenbaum M., Evron I., Lyons M., Chadi B., Polliack G.

Speaker: Yehuda ZICHERMAN D.Sc. , Product Marketing, TRISO Technologies Ltd. Bet-Shemesh, Israel.

▶ 13:45-14:00 ▪ Keynote speech on the topic: The scientific summary of the day.

Keynote Speaker: Prof. Dr. Shlomo VINKER, WONCA Europe President

▶ 14:00-14:30 - Lunch break



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II.Seminarraum B1 and B2

Workshop / Hands-on Session

Practical elements of POCUS applications to the abdominal, pelvis, chest, thyroid, and heart will be conducted together with our experts. Live transmission of ultrasonographic examinations (Live streaming broadcast).

- ▶ 14.30 -14.50
- WS.1.1 / Hands-on Session: Prof. Dr. Christian JENSSEN - Practical aspects of POCUS.
- ▶ 14.50-15.10
- WS.1.2 / Hands-on Session: Prof. Dr. Ioan SPOREA – Abdominal clinical ultrasonography.
- ▶ 15.10-15.30
- WS.1.3 / Hands-on Session: Dr. Mihai IACOB - Thyroid clinical ultrasound – basic notion.
- ▶ 15.30 -15.50
- WS.1.4 / Hands-on Session: Dr. Prof Dr. Vito CANTISANI, MD, PhD - Introduction to Elastography
- ▶ 15.50- 16.10
- WS.1.5 / Hands-on Session: Prof. Dr. Dieter NUERNBERG – Syndrome-focused ultrasonography.
- ▶ 16.10 -16.30
- WS.1.6 / Hands-on Session: Prof. Dr. Radu BADEA – POCUS of the upper abdominal floor.
- ▶ 16.30 -16.50
- WS. 1.7/ Hands-on Session: Dr.Gergely AGOSTON - Basic Cardiac Ultrasound for non-cardiologists.
- ▶ 16.50 -17.10
- WS. 1.8 Hands-on Session: Dr. Dominique AMY, MD – Breast Ultrasound.
- ▶ 17.10 -17.30
- WS. 1.9 Hands-on Session: Dr. Mateusz KOSIAK, MD - Thoracic ultrasonography
- ▶ 17.30-18.00
- W.S. 1.10/ Final questions, answers, and discussions session.



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Day 2 / Saturday, 09 SEPTEMBER 2023

▶ 07:45-08:15 - Registration of participants

I.Amphitheater: Hörsaal.

▶ 08:15-08:20 ▪Euroson POCUS School, 4th Edition Briefing. The previous day's newsletter.

Chairman: Dr. MIHAI IACOB, EUVEKUS President

▶ 08:20-08:50 ▪ **What if I will find something unexpected during POCUS examination?**

Speaker: Dr. Mateusz KOSIAK, MD.

▶ 08:50-09:20 ▪ **Lower quadrants abdominal pain - the value of PoCUS.**

Keynote Speaker: Christian JENSSEN, EFSUMB PRESIDENT.

▶ 09:20-09.50 ▪ **US-elastography: general principles and clinical indications**

Speaker: Prof. Dr. Vito CANTISANI, MD, Ph.D., EFSUMB HONORARY TREASURER

▶ 09:50-10:10

Equipment on stage. Coffee break

▶ 10:10-10:40 ▪ **Sonography on seated patients with dyspnoea, thoracic or lumbar pain with use of Handheld Point of Care Ultrasound (HH-POCUS).**

Speaker: Dr. Peter Sigmund, MD. Präsident der Steirischen Akademie für Allgemeinmedizin

▶ 10:40-11:10 ▪ **Ultrasonography of the digestive tract and retroperitoneal space.**

Speaker: Prof. Dr. DIETER NUERNBERG, Dean of the Brandenburg Medical University Theodor Fontane, Brandenburg Institute for Clinical Ultrasound (BICUS), NGO consultant of WHO (Representing WFUMB).



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▶ **11:10-11:40** ▪ **The contribution and limits of elastography in Breast Ultrasound.**

Speaker: Dr. Dominique AMY, MD, EFSUMB Breast US/Elastography Expert, President de Ecole d'Echographie Sans Frontières

▶ **11:40-12:10** ▪ **Intima Media Thickness as a predictive factor of subclinical atherosclerosis in the family doctor's practice.** Speaker: Dr. Gergely AGOSTON MD, Vice president of the WG of the Hungarian Association of Cardiovascular Imaging,

▶ **12:10-12:30** **Equipment on stage. Coffee break.**

▶ **12:30-13:00** ▪ **The contribution and limits of the use of Artificial Intelligence in Thyroid Screening in primary healthcare. The role of using Strain Elastography in family doctors/GPs practice.**

Speaker: Dr. MIHAI IACOB, EUVEKUS

▶ **13:00-13:20** ▪ **Liver Ultrasound based Elastography in 2023**

Speaker: Prof. Dr. Ioan SPOREA, MD, PhD.

▶ **13:20 – 13:40** **Applications of POCUS in urology (kidneys, urinary tracts, prostate, testicles).**

Speaker: Prof. Dr. Radu Badea, MD, Ph.D., Medical Imaging Department, „Iuliu Hatieganu” University of Medicine and Pharmacy Cluj Napoca;

▶ **13:40-14:00** ▪ **The scientific summary of the day.**

Keynote Speaker: Prof. Shlomo VINKER MD, MHA, WONCA Europe President, Executive Board member EGPRN.

▶ **14:00-14:30** - Lunch Break

II. Seminarraum B1 and B2

14:30-15:30

ROUND TABLE: University and postgraduate training and POCUS training curriculum for family doctors/GPs from the perspective of professional organizations: WONCA EUROPE, EFSUMB, WFUMB, EUVEKUS.

Guest speakers: Prof. Dr. SHLOMO VINKER, WONCA Europe President / Prof Dr. Med. CHRISTIAN JENSEN, EFSUMB PRESIDENT, /Dr. MIHAI IACOB, MD, EUVEKUS President / Prof. Dr. DIETER NUERNBERG, Dean of the Brandenburg Medical University Theodor Fontane, Brandenburg Institute for Clinical Ultrasound (BICUS), NGO consultant of WHO (Representing WFUMB) / Prof Dr VITO CANTISANI, MD, PhD EFSUMB HONORARY TREASURER, SIUMB President / Prof. Ioan Sporea, WFUMB COUNCIL MEMBER / Dr. PETER SIGMUND, MD, Präsident der Steirischen Akademie für Allgemeinmedizin / DR. DOMINIQUE AMY, MD, EFSUMB Breast US, Elastography Expert, President de Ecole d'Echographie Sans Frontières/ Prof. Dr. Radu Badea, MD, Ph.D., Director of the Ultrasound Training Center („Center of Research and Education in Ultrasonography” – CECUS) of „Iuliu Hatieganu” University of Medicine and Pharmacy, Cluj Napoca, affiliated with Thomas Jefferson University, Philadelphia, USA (since 1997). Dr. MATEUSZ KOSIAK, Co-founder of EDUSON School Poland, / Dr. GERGELY AGOSTON, Vicepresident of the Working Group of Hungarian Assoc. of Cardiovascular Imaging.

II. Seminarraum B1 and B2

15:30 -17:45 Workshop / Hands-on Session : All experts US practical demonstration:

Practical elements of POCUS applications of the abdominal, pelvis, breast, thyroid, thoracic and heart will be conducted together with our experts. Live transmission of ultrasonographic examinations (Live streaming broadcast) to one post. Easy questions and answers of POCUS in primary healthcare practice. Tips and tricks about POCUS through the dialogue between two experts.

**110 Fun & Easy Quiz
Questions & Answers**





15:30 -17:45 Workshop / Hands-on Session : All experts US practical demonstration:

Easy questions and answers of the POCUS in primary healthcare practice. Tips and tricks about POCUS through the dialogue between two experts:

▶ 15.30-16.00

▪WS.2.1/Hands-on Session: Prof. Dr. Christian JENSSEN / Prof. Dr. Dieter NUERNBERG – Abdominal clinical ultrasonography.

▶ 16.00-16.20

▪WS.2.2/Hands-on Session: Prof.Dr. Ioan SPOREA / Prof. Dr. Radu BADEA - Practical aspects of clinical US. (abdominal/pelvis US)

▶ 16.20 -16.40

▪WS.2.3 /Hands-on Session: Dr. Mihai IACOB / Dr.Gergely AGOSTON - FOCUS Real-Time Demonstration / Basic Cardiac Ultrasound for non-cardiologists

▶ 16.40- 17.00

▪WS.2.4 /Hands-on Session: Dr.Peter SIGMUND / Dr. Mateusz KOSIAK - Basic Cardiac Ultrasound for non-cardiologists

▶ 17.00 -17.20

▪WS.2.5/ Hands-on Session: Dr. Dominique AMY, / Prof. Dr. Vito CANTISANI - Breast Ultrasound / Thyroid US

▶ 17.20 -17.45

▪WS.2.6/ Hands-on Session: Prof. Dr. Christian JENSSEN / Dr. Mihai JACOB – Syndrome-focused ultrasonography.

▶ 17:45-18:00

▪**Final evaluation of the participants - Awards - Certificates of Participation EFSUMB endorsed to all participants and EACCME credits.**

▶ 19:00 - 22:00 - Gala Dinner