12th WINFOCUS World Congress on

ULTRASOUND
in Emergency & Critical Care

Redefining POCUS to redefine healthcare. And medical education.

Organised by:

WINFOCUS Society Slovenia
World Interactive Network Focused on Critical Ultrasound (WINFOCUS)

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Welcome Address

Respected Colleagues!

Point-of-care ultrasound (POCUS) has become an indispensable part of quality, safe and sustainable emergency and critical care all over the world. World Interactive Network Focused on Critical Ultrasound (WINFOCUS) is a global, non-profit organization based in Bologna, Italy uniting world's leading experts and researchers in the field of POCUS. WINFOCUS is probably the single most important and influential organization in this field worldwide, which has helped bring about the revolution of point-of-care ultrasound! Thus it is with great pleasure, joy and honour that we invite you all to the 12th “WINFOCUS World Congress on emergency and critical ultrasound”, to be held in beautiful Ljubljana! Slovenia has always been a strong “sonographic country” and in the past decade, we have made important progress in wider use of POCUS in many clinical fields. Joining and actively cooperating with such an important and prestigious organisation as WINFOCUS has been very important for the development of POCUS in Slovenia, as it has given us access to the latest and most profound concepts and developments in emergency and critical ultrasound. But even more importantly, it has given us the opportunity to learn from and work with the pioneers and creators of this new field of medicine and education!

In September, masters of emergency and critical ultrasound from all around the world will visit Ljubljana to help us organise and carry out top-notch courses, workshops and lectures. There will be pre-courses available for every major field of emergency and critical care; basic and advanced level UltraSound-enhanced life support courses, lung and cardiac ultrasound courses and a course in US-enhanced care of critically ill children. There will also be a course for nurses on US-enhanced intravenous access and a refresher course as well as a workshop, that has never been done in this part of the world before and is specifically tailored for medical students: a demonstration of learning anatomy and physiology and carrying out a clinical examination with aid of POCUS. We have put together a congress programme with lectures including reviews of latest and most useful POCUS applications in clinical practice and education, as well as social media presence, monetary aspects and quality gains of POCUS. There will be a special track on specific issues of bringing critical US to countries of the Balkans and Eastern Europe, with lots of scientific, educational and networking opportunities! In these harsh economic realities, we have made every effort to make the programme as affordable as possible for all colleagues, including residents, nurses and students.

Architectural beauty, liveliness and greenery of Ljubljana in late summer will no doubt make your stay even more pleasurable, since Ljubljana and Slovenia are worth visiting in their own right! Ljubljana was named European Green Capital of 2016 and is consistently ranked among top tourist destinations in Europe! We know that Slovenian food, wine and hospitality will help make your visit an unforgettable experience.

Thank you for joining us in creating the Future of Medicine!

asist. Gregor Prosen, MD, EM specialist, FEBEM
President of the Organising Committee

Nothing has generated as much change in emergency medicine in past 15 years as the introduction of bedside ultrasound

John Christian Fox; Clinical Emergency Radiology, 2008
Committees

Organizing Committee
• Gregor Prosen (president)
• Špela Baznik
• Andrej Bergauer
• Anthony J. Dean
• Carmela Graci
• Tatjana Golob Gulič
• Miguel Montorfano
• Tomislav Petrovič
• Maja Pirmat
• Radovan Radonič
• Sabina Zadel Topić

Scientific Committee
• Lawrence Melniker (president)
• Badea Radu
• Mirjana Brvar
• Andrej Markota
• Jeanette Mladenovic
• Hugon Možina
• Miguel Montorfano
• Vicki Noble
• Matej Strnad
• Giovanni Volpicelli

Honorary Committee
• Miguel Montorfano (president)
• Milojka Kolar Celarc
• Richard Hoppmann
• Daniel Lichtenstein
• Luca Neri
• Marjan Skalicky
• Alan Šustić
• Dušan Štajer
• Dubravka B. Vidmar

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CANKARJEV DOM, Cultural and Congress Centre
Mrs. Alenka Kregar
Prešernova 10, SI-1000 Ljubljana, Slovenia
Phone: +386 1 24 17 133
Fax: +386 1 24 17 296
E-mail: alenka.kregar@cd-cc.si

Venue
Cankarjev dom, Cultural and Congress Centre
Prešernova 10, SI-1000 Ljubljana, Slovenia
Phone: +386 1 241 7100
Fax: +386 1 241 7296

Acknowledgements
The Organising Committee is deeply appreciative of the sponsorship generously provided by the following companies:

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Healcerion Co., Ltd.
Ilan Medical Equipment, Ltd.
Medias International d.o.o.
Philips
Programme at a Glance

tuesday, September 6

16.00 - 18.00 Certification Session M1 Hall
18.00 - 21.00 Board of Directors Lili Novy Hall

| Kosovel Hall | E 3-4 Hall | M 3-4 Hall | E1 Hall | M1 Hall | E2 Hall |

Wednesday, September 7

| 9.00 - 18.00 | USLS-BL course | USLS-AL course | WBE course | LUS course | PNCUS course |

10.40 - 11.00 Coffee break (Grand Reception Hall)
13.00 - 14.00 Lunch break (Grand Reception Hall)
15.40 - 16.00 Coffee break (Grand Reception Hall)

Thursday, September 8

| 9.00 - 13.00 | USLS-BL course | USLS-AL course | WBE course | LUS course | PNCUS course | NURSE course |

10.40 - 11.00 Coffee break (Grand Reception Hall)
13.00 - 14.00 Lunch break (Grand Reception Hall)
14.00 - 18.00 USLS-BL course USLS-AL course WFMF course LUS course PNCUS course NURSE course

Friday, September 9

| 8.00 – 15.00 | PACE course | VASC course | WFMF course | REFRESH course |

10.00 – 10.20 Coffee break (Foyer 1)
12.40 – 13.20 Lunch break (Foyer 1)
15.30 – 19.15 PLENARY (Linhart Hall)
17.00 – 17.30 Coffee break (Foyer 1)
19.15 – 21.30 Welcome reception (Foyer 1)

Saturday, September 10

| 9.00 – 10.40 | Track A1: POCUS in PreHospital and ED | Track B1: Education & Social media I. | Track C1: POCUS from head to toes | Track D1: Free topics oral presentations |

10.40 – 11.10 Coffee break (Foyer 1)
11.10 – 13.10 Track A2: FOCUS and crit. care ECHO | Track B2: Education & Social media II. | Track C2: POCUS from head to toes | Track D2: POCUS in paediatric care |

13.10 – 14.50 Lunch break, WINFOCUS General Assembly and Poster presentation (Foyer 1)
14.50 – 16.30 Track A3: POCUS of the abdomen | Track B3: Quality, safe, sustainable and valuable patient care - the role of POCUS | Track C3: POCUS from head to toes | Track D3: POCUS in nursing care & elsewhere |

16.30 – 16.50 Coffee break (Foyer 1)
16.50 – 17.10 Track A4: POCUS in the ICU | Track B4: continued; round table | Track C4: POCUS from head to toes |

17.10 – 18.50 Track A5: POCUS in the ICU | Track B5: WINFOCUS meets Balkans |

18.50 – 19.00 Closing remarks and announcement of WINFOCUS 2017 (Linhart Hall)
Tuesday, September 6

16.00 - 18.00 Certification session | M1 Hall
18.00 - 21.00 Meeting of the WINFOCUS Board of Directors | Lily Novy Hall

PreCourses / detailed programme of each course

USLS-BL course (WINFOCUS UltraSound Life-Support course - basic level 1 provider) | Kosovel Hall

Wednesday, September 7

8.00 - 9.00 Registration
09.00 - 09.20 Introduction | POCUS; empowering primary, emergency and critical care worldwide (Vito Cianci, Italy)
09.20 - 09.40 Ultrasound techniques: image generation, acquisition, interpretation & administration (Sabina Zadel, Slovenia)

POCUS primary management

10.00 - 10.45 Breathing Assessment: Pleural effusion, alveolar consolidation, interstitial syndrome, pneumothorax, Diaphragm impairment, Costal & sternum fractures // Procedures: Needle aspiration, thoraco-centesis, chest tube insertion, thoracotomy (Tomislav Petrovic, France)
10.40 - 11.00 Coffee Break
11.00 - 13.00 Hands-on training (HOT): Knobology, US anatomy, Airway, Breathing
13.00 - 14.00 Lunch
14.00 - 14.20 Assessment: Introduction to echocardiography: Goals, indications and limitations, cardiac and caval vein windows (Young Rock Ha, Republic of Korea)
14.50 - 15.20 Assessment: Deep venous system: deep venous thrombosis, pulmonary embolism (Bret P. Nelson, USA)
15.20 - 15.40 Assessment: Abdominal & thoracic aorta: aneurysm, dissection and rupture (Elmo Pereira Jr., Brazil)
15.40 - 16.00 Coffee Break
16.00 - 18.00 HOT: Circulation [Heart, IVC, Veins, Aorta]

Thursday, September 8 | USLS-BL | Kosovel Hall

8.30 - 8.55 Assessment: Peritoneal, pleural & pericardial effusion; FAST windows (James Connolly, UK)
8.55 - 9.25 Assessment: Gallbladder stones and cholecystitis, Renal stones, hydronephrosis (Calvin Huang, USA)
9.45 - 10.05 Procedures: Peripheral & central venous catheterization (Jose Pazeli Jr., Brazil)
10.05 - 10.20 Management: Cardio-circulatory Protocols & Interactive Cases [FAST, EFAST, FAST-ABCDE] (Matej Strnad, Slovenia)
10.20 - 10.40 Disability Assessment: Optic nerve & pupil abnormalities, midline shift, Intracranic hypertension (Shaik Farid Abdul Wahab, Malaysia)
10.40 - 11.00 Coffee Break
11.00 - 13.00 HOT: Circulation [FAST, Gallbladder & Kidneys, OB/GYN, Access], Disability
13.00 - 14.00 Lunch

POCUS secondary management & monitoring

14.00 - 14.20 Monitoring & head-to-toes evaluation (Ramon Nogue, Spain)
14.40 - 15.00 US Trauma Life Support [US-TLS] (Carmela Graci, Italy)
15.00 - 15.20 Respiratory Protocols & Interactive Cases [BLUE, FALLS] (Francesco Caronni, Switzerland)
15.20 - 15.45 WINFOCUS GLOBAL ULTRASOUND: An innovative paradigm for sustainable human development (Luca Neri, Italy)
15.45 - 16.00 Coffee Break
16.00 - 18.00 HOT: Head-To-Toes, US-ACLS & US-TLS
18.00 Post-course test; Course closure

Course Directors: Vito Cianci (Italy) and Lawrence Melniker (USA)
Course Faculty: Mahathar Abdul Wahab (Malaysia), Matjaž Baraga (Slovenia), Diego Barca (Argentina), Matej Bernhardt (Slovenia), Dajna Buix Reche'Cid (Sweden), James Connolly (UK), Shaik Farid Abdull Wahab (Malaysia), Carmela Graci (Italy), Sally M. Graglia (USA), Thomas F. Heyne (USA), Calvin Huang (USA), Nina Kobilica (Slovenia), Uroš Lampić (Slovenia), Francesco Luigi Caronni (Switzerland), Bret P. Nelson (USA), Luca Neri (Italy), Ramon Nogue (Spain), Jose Pazeli Jr. (Brazil), Elmo Pereira Jr. (Brazil), Tomislav Petrovic (France), Young Rock Ha (Republic of Korea), Dana Sajed (USA), Matej Strnad (Slovenia), Sabina Zadel (Slovenia), Marko Zelinka (Slovenia), Nicholas E. Weinberg (USA)
USLS-AL course (WINFOCUS UltraSound Life-Support course - advanced level provider) | E 3-4 Hall

Wednesday, September 7

8.00 - 9.00  Registration

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.00 - 09.10</td>
<td>WINFOCUS vision &amp; critical US education</td>
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<tr>
<td>09.10 - 09.40</td>
<td>ABCDE US-enhanced primary assessment</td>
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<td>09.40 - 10.10</td>
<td>Ultrasound-enhanced advanced head &amp; neck assessment</td>
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<tr>
<td>10.10 - 10.40</td>
<td>Ultrasound-enhanced advanced chest assessment</td>
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<td>10.40 - 11.00</td>
<td>Coffee Break</td>
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<tr>
<td>11.00 - 11.30</td>
<td>Ultrasound-enhanced advanced heart assessment</td>
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<tr>
<td>11.30 - 12.00</td>
<td>Ultrasound-enhanced advanced abdominal &amp; gynecological assessment</td>
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<tr>
<td>12.00 - 12.30</td>
<td>Ultrasound-enhanced advanced limbs &amp; soft tissues assessment</td>
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<tr>
<td>12.30 - 13.00</td>
<td>Ultrasound-enhanced procedures</td>
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<td>13.00 - 14.00</td>
<td>Lunch</td>
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<tr>
<td>14.00 - 18.00</td>
<td>HOT (Hands On Training) rotations; Head &amp; neck, Lung, Heart, Abdomen, Limbs &amp; soft tissues, Procedures</td>
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Thursday, September 8 | USLS-AL | E 3-4 Hall

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09.00 - 10.00</td>
<td>US-enhanced cardiac arrest &amp; periarrest algorithms</td>
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<tr>
<td>10.00 - 10.40</td>
<td>US-enhanced acute abdomen &amp; trauma algorithms</td>
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<td>10.40 - 11.00</td>
<td>Coffee Break</td>
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<tr>
<td>11.00 - 13.00</td>
<td>HOT rotations; Cardiac arrest, B-failure, C-failure, Acute abdomen, Trauma, Procedures</td>
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<td>13.00 - 14.00</td>
<td>Lunch</td>
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<tr>
<td>14.00 - 16.50</td>
<td>HOT rotations; Cardiac arrest, B-failure, C-failure, Acute abdomen, Trauma, Procedures</td>
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<td>16.50 - 17.15</td>
<td>Test evaluation</td>
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<td>17.15</td>
<td>Course closure</td>
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Course Directors: Gian Cibinel (Italy) and Anthony J. Dean (USA)
Course Faculty: Andrej Bergauer (Slovenia), Mirjana Brvar (Ljubljana), Deepak Govil (India), Elizabeth Hall (USA), Mojzina Hugon (Slovenia), Andrew Liteplo (USA), Andrej Markota (Slovenia), Danielle Matilsky (USA), Miguel Montorfano (Argentina), Phillipe Pes (France), Radonic Radovan (Croatia), Tomas Villen (Spain)

WBE course (WINFOCUS' Focused cardiac ultrasound course) | M 3-4 Hall

Wednesday, September 7

8.00 - 9.00  Registration

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.45 - 09.00</td>
<td>Welcome and course instructions</td>
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<tr>
<td>09.00 - 09.20</td>
<td>Focused cardiac ultrasound (FoCUS) in critical care: Place &amp; Aim</td>
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<tr>
<td>09.20 - 09.40</td>
<td>FoCUS views &amp; targets of the exam</td>
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<tr>
<td>09.40 - 10.00</td>
<td>FoCUS signs of chronic cardiac disease</td>
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<tr>
<td>10.00 - 10.20</td>
<td>FoCUS signs of LV systolic dysfunction</td>
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<tr>
<td>10.20 - 10.40</td>
<td>FoCUS signs of RV systolic dysfunction</td>
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<tr>
<td>10.40 - 11.00</td>
<td>Coffee Break</td>
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<tr>
<td>11.00 - 13.00</td>
<td>Hands-on training (HOT 1): basic TTE views (healthy models), laptop training</td>
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<tr>
<td>13.00 - 14.00</td>
<td>Lunch</td>
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<tr>
<td>14.00 - 14.20</td>
<td>FoCUS signs of severe hypovolemia</td>
</tr>
<tr>
<td>14.20 - 14.40</td>
<td>FoCUS signs of pericardial effusion and tamponade</td>
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<tr>
<td>14.40 - 15.00</td>
<td>FoCUS signs of obvious valvular pathology</td>
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<tr>
<td>15.00 - 18.00</td>
<td>HOT 2: basic TTE views (healthy models), laptop training</td>
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Thursday, September 8 | WBE | M 3-4 Hall

8.40 - 09.00  Coffee Break

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.40 - 09.00</td>
<td>FoCUS knobology</td>
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<tr>
<td>09.00 - 09.20</td>
<td>FoCUS in cardiac arrest</td>
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<tr>
<td>09.20 - 09.40</td>
<td>FoCUS in shock</td>
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<tr>
<td>09.40 - 10.00</td>
<td>FoCUS in respiratory failure</td>
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<td>10.00 - 10.20</td>
<td>Limitations and pitfalls in FoCUS</td>
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<tr>
<td>10.20 - 10.40</td>
<td>Lung US in cardiac arrest &amp; shock, pneumothorax, wet lung</td>
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<tr>
<td>10.40 - 11.00</td>
<td>Coffee Break</td>
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<tr>
<td>11.00 - 11.15</td>
<td>FoCUS role in AMS</td>
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<tr>
<td>11.15 - 11.40</td>
<td>FoCUS integration into whole body US</td>
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</tbody>
</table>
WBE Certification pathway
Expert speaker to be announced

11.40 - 11.50 WBE Certification pathway
Expert speaker to be announced

11.50 - 12.30 Interactive case session
Martin Tretjak (Slovenia)

12.30 - 13.00 Course conclusion

13.00 - 14.00 Lunch

Course Directors: Tatjana Golob Gulič (Slovenia), Adi Osman (Malaysia), Gabriele Via (Italy)
Course Faculty: Jana Ambrožič (Slovenia), Herbert Bernhardt (Slovenia), Iztok Gradecki (Slovenia),
Arif Hussain (Saudi Arabia), Matej Marinšek (Slovenia), Adi Osman (Malaysia), Tinkara Ravnikar (Slovenia),
David Riley (USA), Dušan Stajer (Slovenia), Martin Tretjak (Slovenia)

WFMF course (WINFOCUS’ more-than-basic echocardiography course) | M 3-4 Hall

Thursday, September 8

14.00 - 14.10 Welcome, course instructions
Tatjana Golob Gulič (Slovenia)

14.10 – 14.30 Introduction to Echodynamics
Arif Hussain (Saudi Arabia)

14.30 - 15.00 Doppler basics and knobology
Tatjana Golob Gulič (Slovenia)

15.00 - 15.20 Evaluation of LV systolic function
Matej Marinšek (Slovenia)

15.20 - 15.40 Assessment of RV systolic function
Tinkara Ravnikar (Slovenia)

15.40 - 16.00 Coffee Break

16.00 - 16.20 Volume status assessment
Boštjan Leskovar (Slovenia)

16.20 - 18.00 Hands-on training (HOT 1): basic TTE views (healthy models), laptop training

Friday, September 9 | WFMF | M 3-4 Hall

8.00 - 8.20 TEE anatomy
Matej Marinšek (Slovenia)

8.20 - 8.40 Tamponade
Iztok Gradecki (Slovenia)

8.40 - 9.00 Estimation of LV filling pressures
Tatjana Golob Gulič (Slovenia)

9.00 - 9.20 Measurement of cardiac output and pulmonary artery pressures
Martin Tretjak (Slovenia)

9.20 - 9.40 Pulmonary oedema: cardiogenic vs. non-cardiogenic
Expert speaker to be announced

9.40 - 10.00 Pulmonary oedema: Lung US
Adi Osman (Malaysia)

10.00 - 10.20 Coffee Break

10.20 - 10.40 Complicated AMI
Dušan Stajer (Slovenia)

LUS course (WINFOCUS Lung ultrasound course) | E1 Hall

Wednesday, September 7

8.00 - 9.00 Registration

09.00 - 09.10 Introduction to the course

09.10 - 09.20 Interactive cases pre-course

09.20 - 09.50 General technical competences (Physics and instrumentation)

09.50 - 10.30 Application of general US competences to the lung (main US artifacts – chest areas – positioning the probe – anatomic landmarks)

10.30 - 10.40 Questions and discussion

10.40 - 11.00 Coffee Break

11.00 - 11.30 Interstitial syndrome - part 1 (Definition, methodology, diagnostic criteria)

11.30 - 11.45 Questions and discussion

11.45 - 12.20 Interstitial syndrome - part 2 (focal and diffuse interstitial syndrome)

12.20 - 12.35 Questions and discussion

13.00 - 14.00 Lunch

14.00 - 14.30 Practical applications: case report

14.30 - 15.40 Hands-on examination technique

15.40 - 16.00 Coffee Break

16.00 - 17.30 Hands-on examination technique

17.30 - 18.00 Questions and discussion - closing of the session

18.00 End of day one
Thursday, September 8 | LUS | E1 Hall

9.00 - 9.30 Pneumothorax - part 1 (sonographic signs, Radio-occult pneumothorax, stable patients)
9.30 - 9.50 Pneumothorax - part 2 (unstable patients and cardiac arrest)
9.50 - 10.00 Questions and discussion
10.00 - 10.30 Pleural effusion (sonographic signs, qualitative diagnosis, comparison with CT and CXR)
10.30 - 10.40 Questions and discussion
10.40 - 11.00 Coffee Break
11.00 - 11.20 Optional competences (assesment of pleuritic pain, check endotracheal tube)
11.20 - 11.30 Questions and discussion
11.30 - 11.50 Interactive cases post-course
11.50 - 12.00 Multiorgan approach (How to improve LUS performance: contextualization, monitoring and multiorgan approach)
12.00 - 12.30 Lunch
12.30 - 13.00 Pediatric Abdomen I: GB (stones, sludge, congenital), Renal (hydronephrosis, congenital), Bladder (volume)
Mark Tessaro (Canada)
13.00 - 13.00 Pediatric Head and Neck (E1, neck masses-congenital, adenitis/abscess, ocular)
Mark Tessaro (Canada)
13.00 - 14.00 Lunch
14.00 - 15.45 Hands-on training (HOT): E-FAST, Cardiac US
15.45 - 16.00 Coffee Break
16.00 - 18.00 HOT: Vascular Access, Procedures/Head, neck

Thursday, September 8 | PNCUS | M1 Hall

09.00 - 09.30 Pediatric Abdomen I: GB (stones, sludge, congenital), Renal (hydronephrosis, congenital), Bladder (volume)
David Teng (USA)
09.30 - 10.15 Pediatric Abdomen II: Appendicitis, Pyloric Stenosis, Intussusception, Bowel
Alexander C Arroyo (USA)
10.15 - 11.00 Introduction to Procedures, Vascular Access
Laura Hurtado (Argentina)
11.00 - 11.45 Lung Ultrasound
Sharon Yellin (USA)
11.45 - 12.30 Pediatric RUSH for Shock/hypotension/tachycardia
Stephanie Doniger (USA)
12.30 - 13.00 WINFOCUS training and Accreditation
Laura Hurtado (Argentina)
13.00 - 14.00 Lunch
14.00 - 15.40 Hands-on training (HOT): Pediatric Abdomen I & II/head, neck
15.40 - 16.00 Coffee Break
16.00 - 17.45 HOT: Lung, Pediatric RUSH, Review
17.45 - 18.00 Round-table discussion, Q&A
18.00 Course conclusion

PNCUS course (WINFOCUS Pediatric and Neonatal critical ultrasound course)
PNCUS course (WINFOCUS Pediatric and Neonatal critical ultrasound course)
M1 Hall

Wednesday, September 7

8.00 - 9.00 Registration
09.00 - 09.15 Introduction to the course, overview
Stephanie Doniger (USA)
09.15 - 09.45 Fundamentals: Physics, Knobology
Laura Hurtado (USA)
09.45 - 10.15 E-FAST
Sharon Yellin (USA)
10.15 - 10.40 Focused Cardiac Ultrasound
S. Doniger (USA)
10.40 - 11.00 Coffee Break
11.00 - 11.30 Introduction to Procedures, Vascular Access
Alexander C. Arroyo (USA)
11.30 - 12.15 Advanced Procedures
Soft tissue (cellulitis, abscess, FB), MSK (fractures, effusions), nerve blocks
Alexander C. Arroyo (USA)
### NURSE course (WINFOCUS US-guides nursing procedures course - basic level 1 provider) | E2 Hall

**Thursday, September 8**

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Provider</th>
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<tbody>
<tr>
<td>9:00 - 9:40</td>
<td>Introduction and physics</td>
<td>Antonio Lo Piccolo (Switzerland)</td>
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<tr>
<td>9:40 - 10:40</td>
<td>Vascular ultrasound</td>
<td>Alessandro Di Risio (Italy)</td>
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<tr>
<td>10:40 - 11:00</td>
<td>Coffee Break</td>
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<tr>
<td>11:00 - 12:00</td>
<td><em>IVC</em>-Inferior vena cava ultrasound</td>
<td>Christian Nicole (Switzerland)</td>
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<tr>
<td>12:00 - 13:00</td>
<td>Bladder ultrasound</td>
<td>Daniele Franceschini (Switzerland)</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Lunch</td>
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<tr>
<td>14:00 - 18:00</td>
<td>Hand-on workshops; rotation amongs 4 key stations; work on live models and phantoms</td>
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<tr>
<td>18:00</td>
<td>Course conclusion</td>
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</table>

**Course Directors:** Antonio Lo Piccolo (Switzerland)

**Course Faculty:** Daniele Franceschini (Switzerland), Alessandro Di Risio (Italy), Gaetano Tammarro (Italy)

### PACE student workshop (POCUS-augmented clinical exam) | Kosovel Hall

**Friday, September 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 8:15</td>
<td>Introduction</td>
<td>Jeanette Mladenovich (USA)</td>
</tr>
<tr>
<td>8:15 - 10:00</td>
<td>Case vignette No.1</td>
<td></td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>10:20 - 12:40</td>
<td>Case vignette No.2</td>
<td></td>
</tr>
<tr>
<td>12:40 - 13:20</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>13:20 - 14:40</td>
<td>Case vignette No.3</td>
<td></td>
</tr>
<tr>
<td>14:40 - 15:00</td>
<td>Clinical summary and course conclusion</td>
<td></td>
</tr>
</tbody>
</table>

**Course Directors:** Jeanette Mladenovich (USA) and Richard Hoppmann (USA)

**Student Directors:** Jan Hansel (Slovenia) and Matevž Privšek (Slovenia)

**Course Faculty:** Mirjana Brvari (Ljubljana), Stephanie Doniger (USA), Chinel Fischetti (USA), Craig Goodmurphy (USA), Andrej Margioci (Slovenia), Lawrence Melmier (USA), Brett F. Nelson (USA), Tomislav Petric (France), Tomas Villien (Spain), Sally M. Graglia (USA), Thomas F. Heyne (USA), Nicholas E. Weinberg (USA), Andrew L. Lepin (USA)

### VASC course (WINFOCUS US-guides vascular access course) | E3-4 Hall

**Friday, September 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 9:00</td>
<td>Introduction, Ultrasound EBM</td>
<td></td>
</tr>
<tr>
<td>9:00 - 10:00</td>
<td>Semeiotics and ultrasound technique; central venous vessels and peripheral vessels</td>
<td></td>
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<tr>
<td>10:00 - 10:20</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>10:20 - 11:10</td>
<td>Hand-on training (HOT)</td>
<td></td>
</tr>
<tr>
<td>11:10 - 12:10</td>
<td>US-enhanced vascular access; peripheral vessels and central venous vessels</td>
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<tr>
<td>12:10 - 12:40</td>
<td>Position and complications</td>
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<tr>
<td>12:40 - 13:20</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>13:50 - 14:20</td>
<td>HOT: Oblique in plane</td>
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</tr>
<tr>
<td>14:20 - 14:50</td>
<td>HOT: Longitudinal in plane</td>
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</tr>
<tr>
<td>14:50 - 15:00</td>
<td>Closing remarks and Course closure</td>
<td></td>
</tr>
</tbody>
</table>

**Course Directors:** Stefano Paglia (Italy) and Matteo Subert (Italy)

**Course Faculty:** Andrej Bergauer (Slovenia), Suthaporn Lumlertgul (Thailand), Hugon Možina (Slovenia), Radovan Radonić (Croatia), Davide Vailati (Italy)

### REFRESH course | E1 Hall

**Friday, September 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 8:10</td>
<td>Introduction</td>
<td>Gregor Prosen (Slovenia)</td>
</tr>
<tr>
<td>8:10 - 8:20</td>
<td>Refreshing lecture #1: AAA</td>
<td>Metin Omerović (Slovenia)</td>
</tr>
<tr>
<td>8:20 - 8:40</td>
<td>Hands-on training (HOT): AAA</td>
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<tr>
<td>8:40 - 8:50</td>
<td>Refreshing lecture #2: DVT</td>
<td>Damjana Rehar (Slovenia)</td>
</tr>
<tr>
<td>8:50 - 9:10</td>
<td>HOT: DVT</td>
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<tr>
<td>9:10 - 9:40</td>
<td>Refreshing lecture #3: Lung US</td>
<td>Nejc Gorenjak (Slovenia)</td>
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<tr>
<td>9:40 - 10:00</td>
<td>HOT: Lung US</td>
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<tr>
<td>10:00 - 10:20</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>Refreshing lecture #4: FAST</td>
<td>Špela Baznik (Slovenia)</td>
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<tr>
<td>10:40 - 11:30</td>
<td>HOT: FAST</td>
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<tr>
<td>11:30 - 11:40</td>
<td>Refreshing lecture #5: hydronephrosis</td>
<td>Barbara Furman (Slovenia)</td>
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<tr>
<td>11:40 - 12:00</td>
<td>HOT: hydronephrosis</td>
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</tr>
<tr>
<td>12:00 - 12:15</td>
<td>Refreshing lecture #6: gallbladder</td>
<td>Vitka Vujanović (Slovenia)</td>
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</tbody>
</table>
### Congress Tracks

#### Friday, September 9

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/Location</th>
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</thead>
<tbody>
<tr>
<td>12:15 - 12:40</td>
<td>HOT: gallbladder</td>
<td></td>
</tr>
<tr>
<td>12:40 - 13:20</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>13:20 - 13:50</td>
<td>Refreshing lecture #7: FoCUS</td>
<td>Barbara Vencelj (Slovenia)</td>
</tr>
<tr>
<td>13:50 - 14:40</td>
<td>HOT: FoCUS</td>
<td></td>
</tr>
<tr>
<td>14:40 - 15:00</td>
<td>Course summary and closing remarks</td>
<td>Vicki Noble (USA)</td>
</tr>
</tbody>
</table>

**Course Directors:** Vicki E. Noble (USA) and Gregor Prosen (Slovenia)

**Course Faculty:** Špela Baznik (Slovenia), Barbara Furman (Slovenia), Nejc Gorenjak (Slovenia), Metin Omerovič (Slovenia), Damjana Rehar (Slovenia), Barbara Vencelj (Slovenia), Vitka Vujanović (Slovenia)

### Saturday, September 10

#### Track A1: POCUS in PreHospital arena and ED | M3-4 Hall

**Panelists:** Vicki Noble (USA), Tomislav Petrović (France) and Matej Strnad (Slovenia)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:20</td>
<td>Paris terror attacks: could POCUS make a difference?</td>
<td>Karim Tazarourte (France)</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>Value of Lung US in Prehospital and ED</td>
<td>Matej Strnad (Slovenia)</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Can FoCUS predict outcome in cardiac arrest patients</td>
<td>Bret P. Nelson (USA)</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Hemodynamic monitoring with POCUS in Prehospital and remote settings</td>
<td>Tomislav Petrović (France)</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>Cases saved by POCUS, trauma in ED</td>
<td>Vicki E. Noble (USA)</td>
</tr>
<tr>
<td>10:40 - 10:50</td>
<td>Coffee Break</td>
<td></td>
</tr>
</tbody>
</table>

#### Track A2: FoCUS and Critical care ECHO | M3-4 Hall

**Panelists:** Tatjana Golob Gulić (Slovenia), Arif Hussain (Saudi Arabia) and Tomas Vilen (Spain)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:10 - 11:30</td>
<td>What’s New in FoCUS for the EM Physicians?</td>
<td>Tomas Vilen (Spain)</td>
</tr>
<tr>
<td>11:30 - 11:50</td>
<td>Valve Disease in the critically ill: any place for FoCUS?</td>
<td>Tatjana Golob Gulić (Slovenia)</td>
</tr>
<tr>
<td>11:50 - 12:10</td>
<td>Echocardiographic assessment of Cardiac output, PAP and filling pressures: how reliable?</td>
<td>Martin Tretjak (Slovenia)</td>
</tr>
<tr>
<td>12:10 - 12:30</td>
<td>IVC, IVC, can you tell me if fluids given should be?</td>
<td>Tomas Vilen (Spain)</td>
</tr>
<tr>
<td>12:30 - 12:50</td>
<td>Echocardiography in septic shock: from the ER to the ICU</td>
<td>Arif Hussain (Saudi Arabia)</td>
</tr>
<tr>
<td>12:50 - 13:10</td>
<td>New perspectives in Echocardiography: looking at cardiac times, not just motion</td>
<td>Arif Hussain (Saudi Arabia)</td>
</tr>
<tr>
<td>13:10 - 14:50</td>
<td>Lunch break; WINFOCUS General Assembly (M1 Hall) and Poster presentation (Foyer 1)</td>
<td></td>
</tr>
</tbody>
</table>
## Track A3: POCUS of the Abdomen | M3-4 Hall

**Panelists:** Mirjana Brvar (Slovenia), Boris Brkljačić (Croatia) and Radu Badea (Romania)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.50 - 15.10</td>
<td>Ultrasound in acute appendicitis - how skilled should you be for trustful diagnosis? Rok Dežman (Slovenia)</td>
</tr>
<tr>
<td>15.10 - 15.30</td>
<td>Ultrasound of abdominal aorta and visceral arteries Boris Brkljačić (Croatia)</td>
</tr>
<tr>
<td>15.30 - 15.50</td>
<td>CEUS use in abdominal trauma, sepsis and ischemic diseases Radu Badea (Romania)</td>
</tr>
<tr>
<td>15.50 - 16.10</td>
<td>Renal ultrasound Boris Brkljačić (Croatia)</td>
</tr>
<tr>
<td>16.10 - 16.30</td>
<td>Ultrasound-guided interventions in abdomen Mirjana Brvar (Slovenia)</td>
</tr>
<tr>
<td>16.30 - 16.50</td>
<td>Coffee Break</td>
</tr>
</tbody>
</table>

## Track A4: FoCUS in the ICU | M3-4 Hall

**Panelists:** Hugon Možina (Slovenia), Andreja Markota (Slovenia), Giovanni Volpicelli (Italy),

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.50 - 17.10</td>
<td>Interventional ultrasound in intensive care - by intensivist Radovan Radonić (Croatia)</td>
</tr>
<tr>
<td>17.10 - 17.30</td>
<td>Etiology of acute respiratory failure (ARF) in the ICU - is POCUS enough? Radovan Radonić (Croatia)</td>
</tr>
<tr>
<td>17.30 - 17.50</td>
<td>Transcranial ultrasound in the ICU Branka Ožek (Slovenia)</td>
</tr>
<tr>
<td>17.50 - 18.10</td>
<td>Tube and line positions in my ICU patients - can POCUS help? Andrej Markota (Slovenia)</td>
</tr>
<tr>
<td>18.10 - 18.30</td>
<td>Lung US in the ICU: assessing and monitoring hemodynamics and aeration Giovanni Volpicelli (Italy)</td>
</tr>
<tr>
<td>18.30 - 18.50</td>
<td>POCUS for cardiovascular assessment of the ICU patient Expert speaker to be announced</td>
</tr>
</tbody>
</table>

## Track B1: Education & Social media I. | M1 Hall

**Panelists:** Jeanette Mladenovich (USA), Richard Hoppmann (USA) and Craig Goodmurphy (USA)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>09.00 - 09.20</td>
<td>POCUS in Medical Education: how and why it all started? Jeanette Mladenovich (USA)</td>
</tr>
<tr>
<td>09.20 - 09.40</td>
<td>Integration of POCUS in Medical Student Education: 10-Year Experience Richard Hoppmann (USA)</td>
</tr>
<tr>
<td>09.40 - 09.50</td>
<td>#UltraFest conquering the World: report from USA Chanel Fischetti (USA)</td>
</tr>
<tr>
<td>09.50 - 10.00</td>
<td>#UltraFest conquering the World: report from Slovenia Tjaša Banovič (Slovenia)</td>
</tr>
<tr>
<td>10.00 - 10.20</td>
<td>Putting life back into foundational sciences with sonography: anatomy Craig Goodmurphy (USA)</td>
</tr>
<tr>
<td>10.20 - 10.40</td>
<td>How to teach with POCUS: clinical skills Chanel Fischetti (USA)</td>
</tr>
</tbody>
</table>

## Track B2: Education & Social media II. | M1 Hall

**Panelists:** Jeanette Mladenovich (USA), Richard Hoppmann (USA) and Bret Nelson (USA)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.10 - 11.30</td>
<td>How to teach in 21st century? Flipping the classroom Bret Nelson (USA)</td>
</tr>
<tr>
<td>11.30 - 11.50</td>
<td>Resident and Faculty training in POCUS Anthony J. Dean (USA)</td>
</tr>
<tr>
<td>11.50 - 12.10</td>
<td>Tips for POCUS educators Andrew Liteplo (USA)</td>
</tr>
<tr>
<td>12.10 - 12.50</td>
<td>Pro et Contra: Teaching POCUS to medical students and residents Expert speakers to be announced</td>
</tr>
<tr>
<td>12.50 - 13.10</td>
<td>Future of Medical and POCUS education Richard Hoppmann (USA)</td>
</tr>
</tbody>
</table>

## Track B3: Quality, safe, sustainable & valuable patient care - role of POCUS | M1 Hall

**Panelists:** Lawrence Melniker, Petra Došenovič Bonča

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>14.50 - 15.10</td>
<td>Challenges and solutions in the future of healthcare Representative of Ministry of Health, Slovenia.</td>
</tr>
<tr>
<td>15.10 - 15.30</td>
<td>Assessing the added value of new technologies in healthcare: The hows and the whys Petra Došenovič Bonča (Slovenia)</td>
</tr>
<tr>
<td>15.30 - 15.50</td>
<td>How do we define the value of POCUS for policymakers and budget decision-makers? Lawrence Melniker (USA)</td>
</tr>
<tr>
<td>15.50 - 16.10</td>
<td>Pay-per-POCUS: Incentivised payment mechanisms as a tool to disseminate innovation Petra Došenovič Bonča (Slovenia)</td>
</tr>
<tr>
<td>16.10 - 16.30</td>
<td>Documentation, archiving and interoperability: Evidence for value-based decision making about POCUS Expert speaker to be announced</td>
</tr>
<tr>
<td>16.30 - 17.10</td>
<td>Round table led by panelists</td>
</tr>
</tbody>
</table>
Track B4: WINFOCUS meets Balkans | M1 Hall

Panelists: Panelists: Radovan Radonić (Croatia), Tatjana Golob Gulič (Slovenia), Mirjana Brvar (Slovenia), Vojislava Nektović (Serbia) and Radu Badea (Romania)

17.10 - 17.20 History of ultrasound in the Balkans
Mirjana Brvar (Slovenia)

17.20 - 17.30 POCUS in Balkans - why do we need it?
Tatjana Golob Gulič (Slovenia)

17.30 - 17.40 Experiences and needs in POCUS: Slovenia
Gregor Prosen (Slovenia)

17.40 - 17.50 Experiences and needs in POCUS: Croatia
Radovan Radonić (Croatia)

17.50 - 18.00 Experiences and needs in POCUS: Serbia
Vojislava Nektović (Serbia)

18.00 - 18.10 Experiences and needs in POCUS: Romania
Radu Badea (Romania)

18.10 - 18.50 Round table on future WINFOCUS activities in the Balkans
Discussion led by panelists

Track C: POCUS from head to toes | E3-4 Hall

09.00 - 09.20 Eyes
Mark Tessaro (Canada)

09.20 - 09.40 Brain & TCD (Transcranial Doppler)
Philippe Pes (France)

09.40 - 10.00 Airway
Alan Sustić (Croatia)

10.00 - 10.20 Lung US I. - Basic Sonographic patterns
Hugon Mozina (Slovenia)

10.20 - 10.40 Lung US II. - Diseases of pleura
Anna Schreiber (Italy)

10.40 - 11.10 Coffee break

11.10 - 11.30 Lung US III. - Diseases of parenchyma
Vicki E. Noble (USA)

11.30 - 11.50 Diaphragm
Elmo Pereira Jr. (Brazil)

11.50 - 12.10 IVC
Elmo Pereira Jr. (Brazil)

12.10 - 12.30 AAA
Andrej Bergauer (Slovenia)

12.30 - 12.50 DVT
Andrej Bergauer (Slovenia)

12.50 - 13.10 Basics of Doppler
Laura Hurtado (Argentina)

13.10 - 14.50 Lunch break, WINFOCUS General Assembly and Poster presentation

14.50 - 15.10 Heart I - basic FOCUS views and anatomy
Tatjana Golob Gulč (Slovenia)

15.10 - 15.30 Heart II - core FOCUS applications t.b.a.

Track D1: Free topics oral presentations | E1-2 Hall

Panelists: Miguel Montorfano, Anthony J. Dean and Andrew Liteplo

09.00 - 09.10 Role of Doppler Ultrasoundography and C-Reactive Protein in Patients with Acute Scrotum
Mustafa Alhassen (Saudi Arabia)

09.10 - 09.20 Cardiovascular haemodynamic properties before, during and after pregnancy
Adi Osman (Malaysia)

09.20 - 09.30 Introduction of a new imaging guideline for suspected renal colic in the Emergency Department: Effect on CT Urogram utilisation
Gabriel Blecher (Australia)

09.30 - 09.40 The role of ultrasound in the detection of lung infiltrates in critically ill patients; a pilot study
Miha Lučovnik (Slovenia)

09.40 - 09.50 Clinical Outcomes in the Use of Lung Ultrasound for the Diagnosis of Pediatric Pneumonias
Angela Hua (USA)

09.50 - 10.00 Effectiveness of Ultrasound in Hypotensive Patients
Simon Orlob (Austria)

10.00 - 10.10 Optic Nerve Sheath Ultrasound in Severe Preeclampsia
Zeynep Kekec (Turkey)

10.10 - 10.20 Lung ultrasound for assessing fluid tolerance in severe preeclampsia
Miha Lučovnik (Slovenia)

10.20 - 10.30 POCUS guided Paediatric Upper limb Fracture reduction: Algorithm, Tricks and tips
Sharad Mahite (Singapore)

10.30 - 10.40 The Graz Summer School for Ultrasound: From First Contact to Bedside Application - Three and a Half Day Undergraduate Ultrasound Training - Résumé After Two Years of Continuous Development
Simon Orlorb (Austria)
### Track D2: POCUS in pediatric care | E1-2 Hall

**Panelists:** Stephanie Doniger (USA), Sharon Yellin (USA) and Alex Arroyo (USA)

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>11.10 - 11.30</td>
<td>Pediatric POCUS: Where we’ve been… where we’re going?</td>
<td>Stephanie Doniger (USA)</td>
</tr>
<tr>
<td>11.30 - 11.50</td>
<td>The pediatric E-FAST and the Trauma ICC</td>
<td>Stephanie Doniger (USA)</td>
</tr>
<tr>
<td>11.50 - 12.10</td>
<td>Pediatric lung ultrasound: the “core” pediatric application</td>
<td>Sharon Yellin (USA)</td>
</tr>
<tr>
<td>12.10 - 12.30</td>
<td>Pediatric POCUS in resuscitation and shock</td>
<td>Alex Arroyo (USA)</td>
</tr>
<tr>
<td>12.30 - 12.50</td>
<td>The Pediatric Abdomen: Appendicitis, pyloric stenosis, intussusception, bowel</td>
<td>Alex Arroyo (USA)</td>
</tr>
<tr>
<td>12.50 - 13.10</td>
<td>Cutting Edge Pediatric POCUS Apps: Ocular, Airway, Head/Neck</td>
<td>Mark Tessaro (Canada)</td>
</tr>
</tbody>
</table>

### Track D3: POCUS in nursing care & elsewhere | E1-2 Hall

**Panelists:** Suthaporn Lumlertgul (Thailand), Antonio Lo Piccolo (Switzerland), Daniele Franceschini (Switzerland)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14.50 - 15.10</td>
<td>Teaching ultrasound guided procedure on cadavers</td>
<td>Suthaporn Lumlertgul (Thailand)</td>
</tr>
<tr>
<td>15.10 - 15.30</td>
<td>Thoracic US for confirmation of correct lung exclusion before one lung ventilation in thoracic surgery - nurse’s role</td>
<td>Antonio Lo Piccolo (Switzerland)</td>
</tr>
<tr>
<td>15.30 - 15.50</td>
<td>PROtocolized Care to Reduce HYpotension after Spinal Anesthesia</td>
<td>Daniele Franceschini (Switzerland)</td>
</tr>
<tr>
<td>15.50 - 16.10</td>
<td>WINFOCUS nursing section: who are we and what is our mission?</td>
<td>Antonio Lo Piccolo (Switzerland)</td>
</tr>
<tr>
<td>16.10 - 16.30</td>
<td>Round table: POCUS by nurses: why and what?</td>
<td>Discussion led by panelists</td>
</tr>
</tbody>
</table>

18.50 - 19.00 **Closing remarks and announcement of WINFOCUS 2017 | Linhart Hall**

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eSummary of selected Congress talks - PDF file
Poster Session

P1 Ultrasoundographic diagnosis of tracheal compression
Oliviero Fochi, Moreno Favara, Ezio bonanomi (ITALY)

P2 Usefulness of point-of-care ultrasound in the emergency room in a patient with acute abdominal pain
Alberto Ovieco-Garcia, Margarita Algabe-Montes, Mayra Patricio-Bordomás (SPAIN)

P3 Use of bedside ultrasound with a critically ill patient. A case report.
Alberto Ovieco-Garcia, Margarita Algabe-Montes, Mayra Patricio-Bordomás (SPAIN)

P4 Pseudoaneurysm of the femoral artery after cannulation of a central venous line. Should we always use ultrasound in these procedures?
Margarita Albenga-Montes, Alberto Ovieco-Garcia, Mayra Patricio-Bordomás (SPAIN)

P5 Ultrasound-guided supraclavicular subclavian vein catheterization. A novel approach in Emergency Department.
Margarita Algabe-Montes, Alberto Ovieco-Garcia, Mayra Patricio-Bordomás (SPAIN)

P6 Clinical ultrasound in a septic and jaundice patient in the emergency department.
Margarita Algabe-Montes, Alberto Ovieco-Garcia, Mayra Patricio-Bordomás (SPAIN)

P7 Diagnostic yield of clinical echocardiography for the emergency physician.
Alberto Ovieco-Garcia, Margarita Algabe-Montes, Mayra Patricio-Bordomás (SPAIN)

P8 Usefulness of abdominal ultrasound for acute pylonephritis diagnosis after kidney transplantation
Ji-Han Lee (REPUBLIC OF KOREA)

P9 Educational effectiveness of easy-made new simulator model for ultrasound-guide procedures in pediatric patients: vascular access and foreign body management
Ikuwan Chang, Jin Hee Lee, Young Ho Kwak, Do Kyun Kim (REPUBLIC OF KOREA)

P10 Awareness and Use of Clinician-Performed Ultrasound among Clinical Clerkship Faculty
Elizabeth Harmon, Wilma Chan, Cameron Baston, Gail Morrison, Frances Shofer, Nova Panebianco, Anthony J. Dean (UNITED STATES)

P11 Characterization of the Eyes in Preoperative Cataract Saudi Patients by Medical doctors in internal medicine: Exposure, Perceptions, Interest and Barriers to training.
Sarah Pasquale, Stephanie J. Doniger, Sharon Yellin, Gerardo Chiricolo (USA)

P12 High Frequency Ultrasound in Determining the Causes of Acute Should Joint Pain
Mustafa Z. Mahmoudi (SAUDI ARABIA)

P13 Teaching Winfouts Ultrasound Life Support Basic Level 1 for Providers in Resource Limited Countries
Abbas Ali, Aliyarah Mustafa, Ihab Abdelrahman, Mustafa Bahar, Osama Ali, H. Lester Kirchner, Gregor Prosen (UNITED STATES)

P14 Unusual case of defecation syncope
Nur Hafiza Yeid, Fatulah Lilah Mohammed (MALAYSIA)

P15 Changes of Atrerial Stiffness and Endothelial Function During Uncomplicated Pregnancy
Ana Godan Hauptman, Marijana Grgic Medic, Ivan Tomic, Ana Vujaklija Brajkovic, Jaksa Babel, Marina Peklic, Radovan Radonic (CROATIA)

P16 A pilot survey on an understanding of Point of Care Bedside Ultrasound (POCUS) among medical doctors in internal medicine: Exposure, Perceptions, Interest and Barriers to training.
Peh Wee Ming (SINGAPORE)

P17 A Case Report of massive Pulmonary Embolism; A Multidisciplinary approach.

P18 Work-Related Repetitive Use Injuries in Ultrasound Fellows
Kristine Robinson, Clara Kraft, Benjamin Moser, Stephen Davis, Shelley Layman, Yusel Sayeed, Joseph Minardi (UNITED STATES)

P19 A Case of Undergraduate POCUS (R)evolution
Sara Nikolaic, Jan Hansel, Rok Petrovic, Uta Mitic, Gregor Prosen (SLOVENIA)

P20 Needs Assessment of the Potential Utility of Point of Care Ultrasound Within the Zanibar Health System
Abiola Fasina, Anthony J. Dean, Nova L. Panebianco, Patricia S. Henwood (UNITED STATES)

P21 Low-cost Non-commercial Ultrasound Gels For Use in Resource-limited Settings
Alexandra Vinograd, Abiola Fasina, Anthony J. Dean, Saurabh Gupta, Frances Shofer, Nova S. Panebianco, Patricia S. Henwood (UNITED STATES)

P22 Abdominal probe in the hands of interns as a relevant diagnostic tool in revealing the cause of heart failure
Ela Cuccig, Ene Pritišanac, Ivo Planinc, Marijana Grpic Medic, Radovan Radonic (CROATIA)

P23 An old man with generalized weakness
Maryam Bahreini, Fatemeh Rasooli (ISLAMIC REPUBLIC OF IRAN)

P24 Ultrasonography for non-specific presentations of abdominal pain
Maryam Bahreini, Houman Hosseinnejad (ISLAMIC REPUBLIC OF IRAN)

P25 A new technique in verifying the placement of a nasogastric tube: Obtaining the longitudinal view of nasogastric tube in addition to transverse view with ultrasound.
Yahya Acar, Necati Salman, Onur Tezel, Erdem Cevik (TURKEY)

P26 Transabdominal ultrasound screening for pancreatic cancer in Croatian military veterans: a reference for these analyses from the first Croatian veteran's hospital
Edina Catic Cuti, Stanko Belina, Tihomir Vancina, Idzir Kovačević (CROATIA)

P27 Detection of Imperforated Hymen by point of care ultrasound
Hsiu-yung Pan, Chia-Tsung Kung (TAIWAN, THE REPUBLIC OF CHINA)

P28 Focused Cardiac Ultrasound in Early Diagnosis Of Type A Aortic Dissection With Atypical Presentation
Chun-I Pan, Hsiu-Yung Pan, Chien-Hung Wu (TAIWAN, THE REPUBLIC OF CHINA)

P29 Detection of Uterine Rupture by Point-Of-Care Ultrasound at Emergency Department: A case Report
Chi-Yung Cheng, Hsiu-Yung Pan, Chia-Tsung Kung (TAIWAN, THE REPUBLIC OF CHINA)

P30 Use of Translumbar Echocardiography in Emergency Setting - Patient with Mitral Valve Abscess
Maja Potoska, Bonut Drnovšek, Borisjan Leskovar (SLOVENIA)

P31 Lung Ultrasonography in the Evaluation of Pneumonia in Children
Irmina Selic Pasic, Amna Danzhanovic, Anes Pasic, Sandra Vesel Zubovic (BOSNIA AND HERZEGOVINA)

P32 Point-of-care ultrasound examination of cervical spine in emergency department.
Edina Catic Cuti, Nuran Rustemovic (CROATIA)

P33 A young man with syncope
Fatemeh Rasooli, Maryam Bahreini (ISLAMIC REPUBLIC OF IRAN)

P34 The Challenge of AAA - Unusual case of obstructive jaundice
Edina Catic Cuti, Nuran Rustemovic (CROATIA)

P35 Moderate to severe Left ventricular ejection fraction related to short-term mortality of patients with post-cardiac arrest syndrome after out of hospital cardiac arrest
Jinjo Kim, Jinhyun Kim, Gyoseyoi Cho. Downom Shin (REPUBLIC OF KOREA)

P36 The SAFER Lasso; A novel approach using point of care ultrasound to evaluate patients with abdominal complaints in the Emergency Department
Youngock Hanman, Hongchuen Toh (REPUBLIC OF KOREA)

P37 Central venous catheter placement with the ultrasound aid - two years experience of the Interventional unit, Division of Intensive Care Medicine, KBC Zagreb
Ana Godan Hauptman, Marijana Grpic Medic, Ivan Tomic, Ana Vujaklija Brajkovic, Jaksa Babel, Marina Peklic, Radovan Radonic (CROATIA)

P38 Duplicitas casui – two patients admitted due to acute liver failure
Vedran Rodic, Ivan Tomic, Luka Bielen, Marijana Grpic Medic (CROATIA)

P39 Poin of Care Lung Ultrasound - a Good Diagnostic Tool for Pneumonia in a Septic Patient
Huygn Molina, Zofia Narancsik (SLOVENIA)

P40 Focused echocardiography monitoring in the postoperative period for non-cardiac patients
Asta Maciulienė, Almantas Maleckas, Algimantas Kriščiukaitis, Vytautas Mačiulis, Andrius Macas (LITHUANIA)

P41 Review of Ectopic Pregnancies Diagnosed By Emergency Department Point -of- Care Ultrasound (POCUS)
Oviedo-Garcia, Margarita Algaba-Montes, Mayra Patricio-Bordomás (SPAIN)

P42 Usefulness of abdominal ultrasound for acute pylonephritis diagnosis after kidney transplantation
Chi-Han Lee (REPUBLIC OF KOREA)

P43 Developing a Point-of-Care Ultrasound Curriculum for Pediatric Nurse Practitioners Practicing in the Pediatric Emergency Department
Sarah Pasquale, Stephanie J. Doniger, Sharon Yellin, Gerardo Chiricolo (USA)

P44 Bedside functional ultrasound test to diagnose inadvertent intrapleural subclavian central venous line
Pablo Bravo, R Carvajal, F Diaz, JA Carrasco (CHILE)
Information for Speakers and Poster Presenters

Poster presentations
Posters will be displayed in the Foyer 1 all the time during the congress. Display boards will be numbered.

Speakers’ Centre
The Congress staff will ensure that your presentation is downloaded on the computer in your specific session room. Please make sure that your computer presentation is fully operational before your talk. Only Power Point presentations, CDROM, ZIP disk USB1 Memory cards will be accepted. Version MS PowerPoint 2010 is recommended. We suggest that your computer presentation be installed and tested at least two hours before your talk. A technician and a room attendant will be in every room to provide assistance when needed.

Internet
Wireless internet connection is available in Foyer II. The name of the network is CD_GUEST. No login or password is needed.

Registration and Fees

The registration Congress fee includes:
• Participation in all lectures.
• Congress bag including programme
• Admission to Welcome Reception.
• Coffee during the breaks
• Lunch

The registration Course fee:
• Participation in all lectures
• Coffee during the breaks
• Lunches

The registration Course & Congress fee includes:
• Admission to Welcome Reception
• Participation in all lectures
• Congress bag including programme
• Coffee during the breaks
• Lunches during Course

Registration and Information Desk
The Registration Desk for the WINFOCUS Conference will be located in the First Foyer of Cankarjev dom as follows:
Wednesday, September 7  8.00 – 18.00
Thursday, September 8  8.00 – 18.00
Friday, September 9  8.00 – 19.00
Saturday, September 10  8.00 – 18.00

Social Programme

Friday, September, 2016
19.00 – 21.00 Welcome Reception / Cankarjev dom - First Foyer
Included in the fee for participants.

General Information

Conference Identification Badge
A conference identification badge will be included in the conference material provided upon registration. There will be no admittance to the Scientific Sessions without the conference badge. Invitations to social events will be collected at the entrance.

Attendance Certificate
A Certificate of Attendance will be issued to all registered participants.

Coffee Breaks
During breaks, refreshments will be served free of charge to participants wearing congress badges.

Lunches
Working lunches (standing buffet) are included in the registration fee and will be served at lunchtime in Foyer II.
The only way to predict future is to invent it
Alan Key

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