



14th WINFOCUS WORLD CONGRESS on
ULTRASOUND
in Emergency & Critical Care

Empowering Worldwide Healthcare at the Speed of Sound



PRELIMINARY
PROGRAM

April 12th-15th, 2018 - Madrid, Spain

THURSDAY, APRIL 12th

08:00h-18:00h

PRECONGRESS COURSE:
ULTRASOUND LIFE SUPPORT. BASIC LEVEL 1 PROVIDER.

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

13:30h-15:00h Lunch Break & Poster Viewing

15:00h-18:00h Course

08:00h-18:00h

PRECONGRESS COURSE:
ULTRASOUND LIFE SUPPORT. ADVANCED LEVEL 1 PROVIDER

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

13:30h-15:00h Lunch Break & Poster Viewing

15:00h-18:00h Course

08:00h-18:00h

PRECONGRESS COURSE:
WINFOCUS BASIC ECHOCARDIOGRAPHY

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

13:30h-15:00h Lunch Break & Poster Viewing

15:00h-18:00h Course

08:00h-18:00h

PRECONGRESS COURSE:
WINFOCUS MORE THAN BASIC ECHOCARDIOGRAPHY

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

13:30h-15:00h Lunch Break & Poster Viewing

15:00h-18:00h Course

08:00h-18:00h

PRECONGRESS COURSE:
WINFOCUS BASIC LUNG ULTRASOUND

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

13:30h-15:00h Lunch Break & Poster Viewing

15:00h-18:00h Course

08:00h-18:00h

PRECONGRESS COURSE:
WINFOCUS ADVANCED LUNG ULTRASOUND

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

13:30h-15:00h Lunch Break & Poster Viewing

15:00h-18:00h Course

08:00h-20:00h

OPTIONAL COURSE:
PEDIATRIC COURSE – MODULE 1 (April 12th)

Pediatric Trauma and US assessment

08:00-08:10h Introduction

08:10-08:30h The A in primary assessment and resuscitation in trauma (neck US)

08:30-09:15h The B in primary assessment and resuscitation in trauma scenario (Thoracic US)

09:15-10:00h The C in primary assessment and resuscitation in trauma scenario (Focused Echo)

10:00-10:30h The C in primary assessment and resuscitation in trauma scenario (E-FAST protocol)

10:30-10:45h Coffee Break

10:45-11:00h Undifferentiated hypotension in Trauma: RUSH protocol

11:00-13:30h HANDS-ON SESSION (human models)

- The A and B (50 min)
- The C : focussed Echo (50 min) Qualitative function, volume status
- The C : EFAST + RUSH (50 min)

13:30-15:00h Lunch

- 15:00-15:30h The D in primary and secondary assessment (close head injury)
- 15:30-16:00h The E in primary and secondary assessment (Musculoskeletal US in Trauma)
- 16:00-16:30h The E in primary and secondary assessment (Uro-Trauma US)
- 16:30-17:00h The E in primary and secondary assessment (Abdominal Trauma)
- 17:00-17:30h Coffee Break
- 17:30-20:00 HANDS-ON SESSIONS
- Musculoskeletal (50 min)
 - NeuroTrauma (50 min)
 - Abdominal-Uro-Trauma (50 min)
- 20:00h End Course

Speakers:

Jose Luis Vázquez. *Jefe de Servicio UCIP. Hospital Ramón y Cajal. Madrid. Miembro de WINFOCUS Ibérica.*

Luis Renter. *Médico Adjunto UCIP. Hospital Parc Tauli. Sabadell. Coordinador Grupo Ecografía UCIP. Miembro de WINFOCUS Ibérica.*

Pablo Bravo Figueroa. *Jefe de Servicio UCIP. Hospital San Juan de Dios. Santiago de Chile. Miembro de WINFOCUS Chile.*

Laura A. Hurtado. *Médica ecografista. Docente de la Escuela de Medicina de la UNCPBA (Universidad del Centro de la Pcia de Buenos Aires) A cargo de la materia electiva Ecografía en Emergencia en pregrado Miembro de WINFOCUS Miembro de LATF (APCA), equipo de confección de exámenes de certificación de ultrasonido para America Latina*

Ines Osiniri. *Pediatra Clinica Bofill Figueres. Docente Ecografía Pediátrica.*

Pilar Garcia Guzman. *Pediatra CS San Juan de la Cruz. Pozuelo de Alarcon.*

FRYDAY, APRIL 13th

08:00h-13:30h

PRECONGRESS COURSE:
ULTRASOUND LIFE SUPPORT. BASIC LEVEL 1 PROVIDER.

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

08:00h-13:30h

PRECONGRESS COURSE:
ULTRASOUND LIFE SUPPORT. ADVANCED LEVEL 1 PROVIDER

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

08:00h-13:30h

PRECONGRESS COURSE:
WINFOCUS BASIC ECHOCARDIOGRAPHY

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

08:00h-13:30h

PRECONGRESS COURSE:
WINFOCUS MORE THAN BASIC ECHOCARDIOGRAPHY

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

08:00h-13:30h

PRECONGRESS COURSE:
WINFOCUS BASIC LUNG ULTRASOUND

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

08:00h-13:30h

PRECONGRESS COURSE:
WINFOCUS ADVANCED LUNG ULTRASOUND

08:00h-10:00h Course

10:00h-10:30h Coffee Break & Poster Viewing

10:30h-13:30h Course

08:00h-13:00h

OPTIONAL COURSE:

PEDIATRIC COURSE – MODULE 2 (April 13th- Half Day)

Ultrasound in the Pre-Hospital setting

Director: Dra Osiniri Kippes

Faculty: Dra Pilar Guzman

- 08:00-08:15h Gastrointestinal ultrasound scan: how to do systematic exploration? Normal anatomy and gastrointestinal tract ultrasound
- 08:15-09:30h Ultrasonography of the acute pediatric abdomen. The most common reason for urgent pediatric consultation:
- a) Unexplained crying in infants with or without vomiting: gastroesophageal reflux or pyloric syndrome?
 - b) colic pain infants: diarrhea or intususception?
 - c) Acute right iliac fossa pain: appendicitis or mesenteric lymphadenitis?
- Static and functional diagnostic criteria in the sonographic image. Initial management.
- 09:30-10:00h Sono-anatomy for superficial lymphatic node. Neck lymphatic system ultrasound scan. Typical and atypical presentation. Complicated lymphadenitis (neck abscess): ultrasound diagnostic criteria
- 10:00-10:30h Coffee-break
- 10:30-12:00h Hands-on session (Abdominal and neck US)
- 12:00-12:30h The child with limp. Hip ultrasound. Transient synovitis: ultrasound examination and follow-up of the painful hip.
- 12:30-13:00h Hands-on sessions (hip)

Speakers:

Jose Luis Vázquez. Jefe de Servicio UCIP. Hospital Ramón y Cajal. Madrid. Miembro de WINFOCUS Ibérica.

Luis Renter. Médico Adjunto UCIP. Hospital Parc Tauli. Sabadell. Coordinador Grupo Ecografía UCIP. Miembro de WINFOCUS Ibérica.

Pablo Bravo Figueroa. Jefe de Servicio UCIP. Hospital San Juan de Dios. Santiago de Chile. Miembro de WINFOCUS Chile.

Laura A. Hurtado. Médica ecografista. Docente de la Escuela de Medicina de la UNCPBA (Universidad del Centro de la Pcia de Buenos Aires) A cargo de la materia electiva Ecografía en Emergencia en pregrado Miembro de WINFOCUS Miembro de LATF (APCA), equipo de confección de exámenes de certificación de ultrasonido para America Latina

Ines Osiniri. Pediatra Clínica Bofill Figueres. Docente Ecografía Pediátrica.

Pilar Garcia Guzman. Pediatra CS San Juan de la Cruz. Pozuelo de Alarcon.

09:00h-10:30h

NURSING ROUNDTABLE#1: IMPLICACIÓN DE LA ECOGRAFÍA EN EL AVANCE Y DESARROLLO DE LA ENFERMERÍA ACTUAL.

Chairperson:

Miriam Ruiz. *Servicio de Urgencias. Hospital Universitario Ramón y Cajal. Madrid.*

Ecografía para enfermeros de urgencias y emergencias, ¿realidad o ficción?

Esther Gorjón. *Enfermera del SUMMA112. Responsable de Enfermería de SEMES.*

Primer contacto con el ecógrafo desde un servicio de Urgencias. Experiencia real a pie de cama (BEDSIDE ULTRASOUND). Humanización y eficiencia.

Speaker to be confirmed

La experiencia de WINFOCUS en Italia.

Mirko Fignini. *Enfermero de Anestesia / Reanimación. ASST Grande Ospedale Metropolitano Niguarda. Milán. Italia.*

11:15h-13:00h

NURSING ROUNDTABLE#2: VISIÓN MULTIDISCIPLINAR DE LA APLICACIÓN ECOGRÁFICA EN EL PACIENTE POTENCIALMENTE INESTABLE.

Chairperson:

Inés Ruano. *Servicio de Urgencias. Hospital Universitario Ramón y Cajal. Madrid.*

Accesos vasculares pediátricos guiados por ecografía en UCI pediátrica. Criterios de inclusión e indicaciones terapéuticas.

Speaker to be confirmed

Experiencia en la implantación de CVC (PICC Y MIDLINE) desde un ETI hospitalario. Importancia del criterio enfermero en la toma de decisiones y elección del procedimiento.

* CVC: Catéter venoso central.

• ETI: Equipo de terapia intravenosa.

Speaker to be confirmed

Manejo de la fluidoterapia y estimación indirecta de la PVC según colapsabilidad de la vena cava orientado por parámetros ecográficos.

Tomás Villén. *Servicio de Urgencias. Hospital Universitario La Paz. Madrid. Miembro del Board of Directors de WINFOCUS*

13:30h-15:30h

LUNCH BREAK & EXHIBITS & POSTER VIEWING
Room Zaragoza I+II (4th floor)

15:30h-16:15h

INAUGURAL LECTURE

Room Zaragoza III+IV (4th floor)

From the piezoelectric effect to disruptive technology in healthcare. How POCUS is changing the paradigm (and the way we're doing and learning and teaching Medicine).

Richard Hoppmann. WINFOCUS President. Professor of Medicine. Director of Ultrasound Institute. University of South Carolina.

16:15h-18:00h

PLENARY SESSION #1: WINFOCUS VISION & MISSION

Room Zaragoza III+IV (4th floor)

Chairpersons:

Carmela Graci. WINFOCUS Vice-President. Director of WINFOCUS International Training Center. Niguarda Hospital. Milan. Italy

Alberto Oviedo. WINFOCUS Iberica member. Hospital Nuestra Señora de Valme. Sevilla. Spain.

◦ **How the dream is becoming true? Our 15 years experience: achieved goals and milestones.**

Luca Neri. WINFOCUS USCME Global Director. WINFOCUS past President

◦ **Ultrasound in rural and remote communities. "El Impenetrable" experience.**

Miguel Montorfano. Coordinator of Critical Ultrasound Education and Chair of Ultrasound Unit. Emergency Hospital. Rosario. Argentina. WINFOCUS past President

◦ **How to create evidence in POCUS. The WINFOCUS experience.**

Giovanni Volpicelli. Emergency Physician. St Luigi Gonzaga University Hospital. Torino. Italy. Editor in Chief of Critical Ultrasound Journal.

18:00h-18:30h

EXHIBITS & POSTER VIEWING

Room Zaragoza I+II (4th floor)

18:30h-20:00h

PLENARY SESSION #2: POCUS EDUCATIONAL RESOURCES

Room Zaragoza III+IV (4th floor)

Chairpersons:

Elmo Pereira. Professor of Internal Medicine and Intensive Care Medicine. Federal University of Rio de Janeiro Medical School. Brazil. Member of WINFOCUS Board of Directors

Francisco Miralles. Intensive Care Medicine Physician and Anesthesiologist Resident. Hospital Puerta del Mar. Cadiz. Spain. WINFOCUS Ibérica member.

Empowering Worldwide Healthcare at the Speed of Sound

◦ **Podcast as a tool.**

Jacob Avila. *Ultrasound and Assistant Professor. Department of Emergency Medicine. University of Kentucky. Creator of "5-MINUTES-SONO" podcast/website.*

◦ **How to flip the classroom teaching POCUS.**

Bret Nelson. *Emergency Medicine Physician. Professor of Medicine and Emergency Ultrasound Division Director. Mount Sinai Hospital. New York. USA.*

◦ **Are Medical students ready for the future? How to implement POCUS in Medical Schools. The Slovenian experience.**

Gregor Prosen. *Professor of Medicine. University of Maribor. President of WINFOCUS Slovenia. Member of WINFOCUS Board of Directors.*

20:00h

INAUGURATION COCKTAIL PARTY
Room Zaragoza I+II (4th floor)

SATURDAY, APRIL 14th

08:00h-09:00h

REGISTRATION

09:00h-10:00h

MAHMOUD EL BARBARI AWARD: SELECTION OF 5 BEST ORAL COMMUNICATIONS

Room Zaragoza III+IV (4th floor)

Chairpersons:

Larry Melniker. *Emergency Department. New York Methodist Hospital. USA. WINFOCUS Board of Directors Member.*

Ramón Nogué. *Emergency Department. Hospital Santa Maria. Lleida. Spain. WINFOCUS Board of Directors Member.*

10:00h-10:30h

COFFEE BREAK & EXHIBITS & POSTER VIEWING
Room Zaragoza I+II (4th floor)

10:30h-12:00h

PLENARY SESSION #3: POCUS RESEARCH

Room Zaragoza III+IV (4th floor)

Chairpersons:

Gonzalo Casasola. *Chair of Internal Medicine Department. Hospital de Parla. Madrid. Spain. WINFOCUS Ibérica member.*

Francesco Caronni. *Intensive Care Unit. Ospedale Regionale di Lugano. Switzerland. WINFOCUS Board of Directors Member.*

Empowering Worldwide Healthcare at the Speed of Sound

◦ **Creativity flows in POCUS Research: the “CURE” experience.**
Andrew Liteplo. *Emergency Department. Director of Emergency Ultrasound Division. Massachusetts General Hospital. Boston. USA.*

◦ **High impact POCUS research and a busy clinical schedule. How is it possible to achieve?**

Peiman Nazerian. *Emergency Department. Azienda Ospedaliero Universitaria Careggi. Florence. Italy.*

◦ **Kids are not just small adults (even from a research perspective).**

Stephanie Doniger

12:30h-13:30h

Discussion #1: POCUS in CPR
Room Zaragoza III+IV (4th floor)

Chairpersons:

José Ramón Alonso. *Emergency Physician. Hospital Clinic. Barcelona. Spain. Secretary of WINFOCUS Ibérica.*

Arif Hussain. *Head of Cardiac Critical Care. King Abdulaziz Cardiac Center. Riyadh. Saudi Arabia. WINFOCUS Board of Directors member.*

◦ **Why are we so slow to get POCUS into a Cardiac Arrest?**

James Connolly. *Emergency Physician. Newcastle Upon Tyne Hospital. United Kingdom. Chair of EuSEM Ultrasound Section.*

◦ **TEE in the cardiac arrest setting. When and how?**

Felipe Teran. *Emergency Medicine Department. Hospital of University of Pennsylvania. USA.*

13:30h-15:00h

LUNCH BREAK & EXHIBITS & POSTER VIEWING
Room Zaragoza I+II (4th floor)

15:00h-16:30h

PLENARY SESSION #4: CURRENT AND FUTURE TRENDS OF POCUS IN CLINICAL SETTINGS
Room Zaragoza III+IV (4th floor)

Chairpersons:

David Chaparro. *Emergency Department. Hospital Clinico San Carlos. Madrid. Spain. WINFOCUS Ibérica member.*

Anthony Dean. *Director of Emergency Ultrasound Division. University of Pennsylvania. USA. WINFOCUS Board of Directors member.*

◦ **What's new in airway ultrasound?**

Adi Osman. *Chair of Department of Trauma and Emergency. Hospital Raja Permaisuri Bainun. Ipoh. Malaysia. WINFOCUS Board of Directors Member.*

Empowering Worldwide Healthcare at the Speed of Sound

◦ **Beyond the MCA Doppler trace... Whole Central Nervous System monitoring.**

Philippe Pes. *Emergency Medicine Physician. SAMU 44 CHU. Nantes. France. WINFOCUS Board of Directors.*

◦ **Complex patient needs simple solutions. Ultrasound as a game changer.**

Ramón Nogué. *Emergency Department. Hospital Santa Maria. Lleida. Spain. WINFOCUS Board of Directors Member.*

16:30h-18:00h

INSPIRING CASES

Room Zaragoza III+IV (4th floor)

Chairpersons:

Ricardo Campo. *Emergency Physician. Hospital Santa Barbara. Puertollano. Spain. WINFOCUS Iberica member.*

Jose Pazeli. *Intensive Care Unit. Professor of University of Barbacena Medical School. WINFOCUS Board of Director member.*

Speakers:

Tomislav Petrovic. *Emergency Medical Services. SAMU 93 Avicenne Hospital. Paris. France. WINFOCUS past President.*

Gabriele Via. *Intensivist, Anesthesiologist Cardiac Anesthesia and Intensive Care Cardiocentro Ticino, Lugano, Switzerland. WINFOCUS Board of Directors member)*

Elmo Pereira. *Attending Physician. Neuro ICU. Paulo Niemeyer Brain Center. Rio de Janeiro. Brazil. WINFOCUS Board of Directors member.*

18:00h-18:30h

EXHIBITS & POSTER VIEWING

Room Zaragoza I+II (4th floor)

18:30h-19:30h

CLOSING REMARKS

Room Zaragoza III+IV (4th floor)

Richard Hoppmann, Ramón Nogué and Tomás Villén.

Designation of chosen venue for WINFOCUS 2019 World Congress.

SUNDAY, APRIL 15th

08:00h-13:00h

OPTIONAL COURSE:

**TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN
RESUSCITATION & CRITICAL CARE**

Room las Palmas II (2nd floor)

- 08:00-08:30h Check-In and Introduction
- 08:30-08:50h Lecture Principles of TEE Operation & Transducer Controls
- 08:50-09:50h Hands-On Practice I Developing Views
- 09:50-10:10h Lecture 3d Cardiac Anatomy
- 10:10-11:10h Hands-On Practice II Identifying Normal Anatomy
- 11:10-11:30h Resuscitative TEE Protocol
- 11:30-12:00h Hands-On Practice III Pathology
- 12:00-12:20h Lecture Pearls and Pitfalls In Resuscitative TEE
- 12:20-12:50h Hands -On Practice IV Putting it all together
- 12:50-13:00h Closing Remarks

Speakers:

Arif Hussain. *Professor of Anesthesia. Chief of Cardiac Critical Care. King Abdulaziz Cardiac Center. Saudi Arabia*

Felipe Teran. *Instructor of Emergency Medicine. Division of Emergency Ultrasound & Center for Resuscitation Science. Department of Emergency Medicine. University of Pennsylvania, USA*

Gabriele Via. *Professor of Anesthesia. Cardiac Anesthesia and Intensive Care. Cardiocentro Ticino, Lugano. Switzerland*

Anthony J. Dean. *Professor of Emergency Medicine & Emergency Medicine In Radiology. Director Division of Emergency Ultrasound. Department of Emergency Medicine. University of Pennsylvania, USA*

Bret Nelson. *Professor of Emergency Medicine. Director of Emergency Ultrasound. Department of Emergency Medicine. Icahn School of Medicine at Mount Sinai. USA*