8th WINFOCUS WORLD CONGRESS ON
ULTRASOUND in Emergency & Critical Care

EMPOWERING RESUSCITATION:
The emerging role of point-of-care clinical sonography in cardio-pulmonary life support throughout the globe

October 20-23, 2012
BARCELONA, SPAIN
HOTEL AC BARCELONA FORUM

www.winfocus.org/world/barcelona2012
Dear Colleagues & Friends,

on behalf of WINFOCUS, the “World Interactive Network Focused On Critical Ultrasound”, we are honored to invite you to attend the 8th World Congress on Ultrasound in Emergency & Critical Care, to be held in Barcelona (Spain) on October 20-23, 2012.

“Point-of-care Ultrasound”. This concept was what allowed taking Ultrasonography out of obscure, secret and inaccessible labs. Nevertheless, bringing an ultrasound device the closest to the patient was unsustainable until machines became portable and autonomous. The spreading of the knowledge to the medical and paramedical “mass” was then predictable. Educational courses began to appear all over the world through different Medical and sometimes Commercial Societies. Though, experts from different countries joined their energy and explored a different way of thinking: can ultrasound be used in a new and revolutionary manner? More than bringing this technology to the patient, is it possible to integrate it in the everyday practice? Can it help to improve clinical power, enhance diagnostic accuracy, ameliorate patient’s care and outcome and finally provide a better medicine particularly in critical scenarios?

“Critical scenarios”. As defined by WINFOCUS, these are identifiable when “there is a performance gap between the patient needs and the resources available for decision making and problem solving, typically occurring in the acutely ill patient, and/or where human or technical resources are limited”. Knowing if a febrile patient, coming with a lumbar pain in an isolated dispensary, has a renal obstructive lithiasis is critical. Knowing why a patient, trapped in a car after a crash on a motorway, is unstable is critical. Knowing if a patient in cardiac arrest has a cardiac motion is critical. Samples are so many that it can give vertigo. The major point of this concept is that any effective technology, providing fast and reproducible results, can reduce the gap if easy to buy, easy to learn and easy to use. A gap that ultrasound can partly or totally fill, wherever in the world, from high-tech to scarce resource countries. A gap that can partly or totally be filled by a new concept: “critical ultrasound”.

Beyond point-of-care ultrasound, beyond clinical ultrasound, come to discover critical ultrasound by joining our meeting. It will provide exciting courses and workshops applicable rapidly in routine medical practice, run by a worldwide cutting-the-edge faculty, covering the hottest topics in global patients’ clinic-ecographic approach. And plenary sessions will develop the international consensus conferences and up-to-date knowledge on practical applications of Critical Ultrasound.

Visit us at www.winfocus.org/world/barcelona2012 and join the conference to share with the world such an exciting adventure!

Congress President
Ramon Nogué Bou
Winfocus Spain Coordinator
(Lleida, Spain)

Congress Co-Presidents
Miguel Montorfano
Winfocus Ibero-Latinamerica Coordinator
(Rosario, Argentina)

Organizing Committee Chairs
Luca Neri
Winfocus Board of Directors Chair
(Milan, Italy)

Enrico Storti
Winfocus Elected President
(Milan, Italy)

Tomislav Petrovic
Winfocus President
(Paris, France)
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Dawei Liu Chinese Society of Critical Care President (Beijing, China)

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Tomas Villen Winfocus Spain (Madrid, Spain)

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Jose Maria Ayuela Intensive Care (Burgos, Spain)
Ricardo Campo Emergency Medicine, Winfocus Spain (Puertollano, Spain)
Antonio Montero Anesthesiology (Lleida, Spain)
Antoni Sabate Anesthesiology (Barcelona, Spain)
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Eduard Solé Pediatrics (Lleida, Spain)
Toma Toranzo Emergency Medicine, SEMES President (Salamanca, Spain)

RESEARCH COMMITTEE CHAIR
Lawrence Melniker Winfocus EBM Committee Co-Chair (New York, NY, USA)

EDUCATION COMMITTEE CHAIR
Gabriele Via Winfocus Networking Committee Chair (Pavia, Italy)
# Program at a Glance

## Saturday, October 20

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## Sunday, October 21

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## Monday, October 22

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**TUESDAY, OCTOBER 23**

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2 DAYS COURSES

OCTOBER 20 - 21, 2012

09.00 > 19.00

ULTRASOUND LIFE SUPPORT BASIC LEVEL 1 PROVIDER
[USLS BL1P]

DIRECTOR: Diego Barca (Buenos Aires, Argentina)
CO-DIRECTOR: Vito Cianci (Vicenza, Italy)
FACULTY: Tomislav Petrovic (Paris, France)
Gregor Prosen (Maribor, Slovenia)
Carlos Sentias (Saint-Lo, France)
Tomas Villen (Madrid, Spain)
Xiaoting Wang (Beijing, China)

OBJECTIVE: Level 1 Basic ultrasound management for the critically ill or injured patient.

FORMAT: 2-days course, 8h lectures & interactive cases, 8h hands on & simulation, ABCDE & Head-to-Toes conformed.

09.00 > 19.00

ULTRASOUND LIFE SUPPORT ADVANCED LEVEL 1 PROVIDER
[USLS AL1P]

DIRECTOR: Anthony Dean (Philadelphia, PA, USA)
CO-DIRECTOR: Gian A. Cibinel (Turin, Italy)
FACULTY: Ricardo Campo (Puertollano, Spain)
Adi Osman (Kuala Lumpur, Malaysia)
Philippe Pes (Nantes, France)

OBJECTIVE: Level 1 Advanced Ultrasound management for the critically ill or injured patient.

FORMAT: 2-days course, 8h lectures & interactive cases, 8h hands-on & simulation, ABCDE & Head-to-Toes conformed.

09.00 > 19.00

ECHOCARDIOGRAPHY IN EMERGENCY & CRITICAL CARE BASIC LEVEL 1 PROVIDER
[WBE or ECHO BL1P]

DIRECTOR: Gabriele Via (Pavia, Italy)
CO-DIRECTOR: Silvia Mongodi (Pavia, Italy)
FACULTY: José Alonso (Barcelona, Spain)
Pradeep D’costa (Pune, India)
Suthaporn Lumlertgul (Bangkok, Thailand)
Alberto Pasqualeto (Barcelona, Spain)
José de Jesús Rincón Salas (Toluca, Mexico)


FORMAT: 1 and 1/2-days course, 6h lectures & interactive cases, 6h hands-on & simulation, FEEL/FATE-conformed.

09.00 > 19.00

ECHOCARDIOGRAPHY IN EMERGENCY & CRITICAL CARE ADVANCED LEVEL PROVIDER
[WMTBE or ECHO AL1P]

DIRECTOR: Arif Hussain (Baltimore, MD, USA)
CO-DIRECTOR: Achikam Oren-Grinberg (Boston, MA, USA)
FACULTY: Tatjana Golob-Gulič (Maribor, Slovenia)
Ramon Nogué Bou (Lleida, Spain)
Ana Ochagavia (Sabadell, Spain)
Daniel Talmor (Boston, MA, USA)


FORMAT: 1 and 1/2-days course, 6h lectures & interactive cases, 6h hands-on & simulation, FEEL/FATE-conformed.

09.00 > 19.00

ULTRASOUND IN PEDIATRIC EMERGENCY & CRITICAL CARE - BASIC LEVEL 1 PROVIDER
[PNCUS BL1P]

DIRECTOR: Mahmoud ElBarbary (Riyadh, Saudi Arabia)
CO-DIRECTOR: James Tsung (New York, NY, USA)
FACULTY: Stephanie Doniger (San Francisco, CA, USA)
Laura Hurtado (Buenos Aires, Argentina)
Enrico Storti (Milan, Italy)
José Luis Vazquez (Madrid, Spain)

OBJECTIVE: Level 1 Basic Ultrasound management for the critically ill or injured pediatric patient.

FORMAT: 2-days course, 8h lectures & interactive cases, 8h hands-on & simulation, ABCDE & Head-to-Toes conformed.

09.00 > 19.00

ULTRASOUND-GUIDED VASCULAR ACCESS AND PROCEDURES - BASIC LEVEL 1 PROVIDER
[USVA BL1P]

DIRECTOR: Massimo Lamperti (Milan, Italy)
CO-DIRECTOR: Matteo Subert (Milan, Italy)
FACULTY: Abdulmohsen Alsaawi (Riyadh, Saudi Arabia)
Maria Farre (Lleida, Spain)
Radovan Radonic (Zagreb, Croatia)
Davide Vailati (Milan, Italy)

OBJECTIVE: Level 1 Basic Ultrasound for Vascular Access and procedures.

FORMAT: 2-days course, 8h lectures & interactive cases, 8h hands-on & simulation.
## 2 Days Courses

### Lung Ultrasound in Primary, Emergency & Critical Care - Basic Level 1 Provider

**[LUS BL1P]**

**Director:** Giovanni Volpicelli (Turin, Italy)

**Co-Director:** Vicky Noble (Boston, MA, USA)

**Faculty:**
- Carmela Graci (Milan, Italy)
- Lourdes Pérez (Barcelona, Spain)
- Shalim Rodriguez (Lima, Peru)

**Objective:** Level 1 Basic Pleural and Lung Ultrasound in emergency, anesthesia and ICU settings.

**Format:** 2-day course, 8h lectures & interactive cases, 8h hands-on & simulation.

### Ultrasound Applied to Nephrology - Basic Level 1 Provider

**[USAN BL1P]**

**Director:** José Muniz Pazeli (Barbacena, Brazil)

**Co-Director:** Alberto Lauro (Padua, Italy)

**Faculty:**
- Miguel Montorfano (Rosario, Argentina)
- Luca Neri (Milan, Italy)
- Anderson Rodrigues (Barbacena, Brazil)

**Objective:** Level 1 Basic Ultrasound for nephrological clinical practice.

**Format:** 1 and 1/2-days course, 6h lectures & interactive cases, 6h hands-on & simulation.

## 1 Day Course

### Ultrasound-Guided Nursing Procedures - Basic Level 1 Provider

**[USNURSE PRO BL1P]**

**Director:** Mirko Figini (Milan, Italy)

**Co-Director:** Jordi Moreno (Lleida, Spain)

**Faculty:**
- Valerio Bernardi (Milan, Italy)
- Stefano Bulgarelli (Milan, Italy)
- Fanny Ruiz (Lleida, Spain)

**Objective:** Level 1 Basic Ultrasound for Nurses & Paramedics CPR management.

**Format:** 1-day course, 4h lectures & interactive cases, 4h hands-on & simulation, ABC-conformed.

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**OCTOBER 20, 2012**

09.00 > 19.00

**Lung Ultrasound in Primary, Emergency & Critical Care - Basic Level 1 Provider**

**Director:** Giovanni Volpicelli (Turin, Italy)

**Co-Director:** Vicky Noble (Boston, MA, USA)

**Faculty:**
- Carmela Graci (Milan, Italy)
- Lourdes Pérez (Barcelona, Spain)
- Shalim Rodriguez (Lima, Peru)

**Objective:** Level 1 Basic Pleural and Lung Ultrasound in emergency, anesthesia and ICU settings.

**Format:** 2-day course, 8h lectures & interactive cases, 8h hands-on & simulation.

**OCTOBER 21, 2012**

09.00 > 19.00

**Ultrasound-Guided Nursing Procedures - Basic Level 1 Provider**

**Director:** Mirko Figini (Milan, Italy)

**Co-Director:** Jordi Moreno (Lleida, Spain)

**Faculty:**
- Valerio Bernardi (Milan, Italy)
- Stefano Bulgarelli (Milan, Italy)
- Fanny Ruiz (Lleida, Spain)

**Objective:** Level 1 Basic Ultrasound for Nurses & Paramedics CPR management.

**Format:** 1-day course, 4h lectures & interactive cases, 4h hands-on & simulation, ABC-conformed.
08.45 > 09.15

**GREETINGS**

**CONVENORS:**
Winfocus Executive Board
- Anthony Dean (Philadelphia, PA, USA)
- Carmela Graci (Milan, Italy)
- Miguel Montorfano (Rosario, Argentina)
- Luca Neri (Milan, Italy)
- Vicky Noble (Boston, MA, USA)
- Ramon Nogué Bou (Lleida, Spain)
- Tomislav Petrovic (Paris, France)
- Enrico Storti (Milan, Italy)
- Gabriele Via (Pavia, Italy)

**MODERATORS:**
- Abdel Bellou (Rennes, France)
- Dawei Liu (Beijing, China)
- Miguel Montorfano (Rosario, Argentina)

09.15 > 10.00

**From Critical to Global Ultrasound in the World**

- Luca Neri (Milan, Italy)
- Ramon Nogué Bou (Lleida, Spain)
- Tomislav Petrovic (Paris, France)
- Enrico Storti (Milan, Italy)

10.00 > 10.15

**Discussion**

10.15 > 11.00

**COMPLETED CONSENSUS CONFERENCES ON CRITICAL ULTRASOUND**

**MODERATORS:**
- Mahmoud ElBarbary (Riyadh, Saudi Arabia)
- Antoni Sabate (Barcelona, Spain)

11.00 > 11.30

**Lung Ultrasound**

- Giovanni Volpicelli (Turin, Italy)

11.30 > 11.45

**Ultrasound-guided Vascular Access**

- Lawrence Melniker (New York, NY, USA)

11.45 > 12.15

**Discussion**

12.15 > 13.00

**ONGOING CONSENSUS CONFERENCES ON CRITICAL ULTRASOUND**

**MODERATORS:**
- José Alonso (Barcelona, Spain)
- Narendra Rungta (Jaipur, India)

13.00 > 13.45

**Focused Cardiac Ultrasound**

- Daniel Talmor (Boston, MA, USA)
- Gabriele Via (Pavia, Italy)

13.45 > 14.00

**Trauma Critical Ultrasound - Torso Session**

- Andrew Kirkpatrick (Calgary, Canada)
- Luca Neri (Milan, Italy)

14.00 > 15.00

**Lunch break**

15.00 > 17.00

**ULTRASOUND WORKSHOPS**

**FOCUSED ULTRASOUND**

- Airway & Breathing [1 hr]
- Circulation - Focused ECHO, IVC (Shock) [1 hr]
- Circulation - Central and Peripheral Access [1 hr]
- Disability [2 hrs]
  1st session: Transcranial doppler
  2nd session: Optic nerve and pupil

**CLINICAL SCENARIOS**

- Major Trauma [2 hrs]
- Cardiac Arrest [2 hrs]

17.00 > 18.00

**Break and poster presentation & evaluation**

18.00 > 19.00

**Oral presentations of selected posters**

19.00 > 21.00

**RESEARCH FORUM**

**MODERATORS:**
- Radu Badea (Cluj Napoca, Romania)
- Lawrence Melniker (New York, NY, USA)
09.00 > 10.00

“PRO - CON” ROUND TABLE:
Critical Ultrasound in cardio-pulmonary life support
> History, evolution and future
> Experience and research
> Practical algorithm
PRESENTERS: Gabriele Via (Pavia, Italy) - PRO
Mahmoud ElBarbary (Riyadh, Saudi Arabia) - CONTRA

10.00 > 10.30

Ultrasound in Medical Education
Richard Hoppmann (Columbia, SC, USA)

10.30 > 11.00

Ultrasound and Research
Lawrence Melniker (New York, NY, USA)

11.00 > 11.30

Ultrasound and Technology
Scott Dulchavsky (Detroit, MI, USA)

11.30 > 12.00

Global Ultrasound
Luca Neri (Milan, Italy)
Alberta Spreafico (Detroit, MI, USA)

12.00 > 12.30

CLOSING CEREMONY
CONVENORS:
Anthony Dean (Philadelphia, PA, USA)
Carmela Graci (Milan, Italy)
Miguel Montorfano (Rosario, Argentina)
Luca Neri (Milan, Italy)
Vicky Noble (Boston, MA, USA)
Ramon Nogué Bou (Lleida, Spain)
Tomislav Petrovic (Paris, France)
Enrico Storti (Milan, Italy)
Gabriele Via (Pavia, Italy)

9th Winfocus World Congress Announcement:
Hong Kong 2013
Golden Probe Winner

PARALLEL SESSIONS

October 21 & October 22 - 15.00 > 19.00
International Consensus Conference on Focused Echocardiography in Primary, Emergency and Critical Care (ICC FOcused ECHO)

CERTIFICATION SESSION

OCTOBER 23, 2012
15.00 > 19.00

WINFOCUS ULTRASOUND CERTIFICATION SESSION

FACULTY:
Carmela Graci (Milan, Italy)
Miguel Montorfano (Rosario, Argentina)
Ramon Nogué Bou (Lleida, Spain)
Luca Neri (Milan, Italy)
Tomislav Petrovic (Paris, France)
Enrico Storti (Milan, Italy)

OBJECTIVE:

FORMAT:
Half day exam (questionnaire, video clip interpretation, practice on models, research proposal).

PRE-REQUISITES:
Students applying to this exam should have attended one of the WINFOCUS official provider or trainer modules.

NOTES:
It is compulsory to specify the certification the candidate is applying for (Provider or Trainer) upon registration.

WINFOCUS WORLD PLENARY ASSEMBLY
(for WINFOCUS members only)
## Country Categories

### Country Category A
- Andorra, Aruba, Australia, Austria
- Bahamas, The Bahrain, Barbados, Belgium, Bermuda, Brunei Darussalam
- Canada, Cayman Islands, Channel Islands, Croatia, Curaçao, Cyprus, Czech Republic
- Denmark
- Estonia, Equatorial Guinea
- Faeroe Islands, Finland, France, French Polynesia
- Germany, Gibraltar, Greece, Greenland, Guam
- Hong Kong SAR (China), Hungary
- Iceland, Ireland, Isle of Man, Israel, Italy
- Japan
- Korea, Rep. Kuwait
- Liechtenstein, Luxembourg
- Macao SAR (China), Malta, Monaco
- Netherlands, New Caledonia, New Zealand, Northern Mariana Islands, Norway
- Oman
- Poland, Portugal, Puerto Rico
- Qatar
- San Marino, Saudi Arabia, Singapore, Sint Maarten, Slovak Republic, Slovenia, Spain, St. Martin, Sweden, Switzerland
- Trinidad and Tobago, Turks and Caicos Islands
- United Arab Emirates, United Kingdom, United States of America
- Virgin Islands (USA)

### Country Category B
- Albania, Algeria, American Samoa, Antigua and Barbuda, Argentina, Azerbaijan
- Belarus, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria
- Chile, China, Colombia, Costa Rica, Cuba
- Dominica, Dominican Republic
- Ecuador
- Gabon, Grenada
- Iran, Islamic Rep.
- Jamaica, Jordan
- Kazakhstan
- Latvia, Lebanon, Libya, Lithuania
- Macedonia FYR, Malaysia, Maldives, Mauritius, Mayotte, Mexico, Montenegro
- Namibia
- Palau, Panama, Peru
- Romania, Russian Federation
- Serbia, Seychelles, South Africa, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Suriname
- Thailand, Tunisia, Turkey
- Uruguay
- Venezuela RB

### Country Category C
- Angola, Armenia
- Belize, Bhutan, Bolivia
- Cameroon, Cape Verde, Congo Rep., Côte d’Ivoire
- Djibouti
- Egypt (Arab Rep.), El Salvador
- Fiji
- Georgia, Ghana, Guatemala, Guyana
- Honduras
- Indonesia, India, Iraq
- Kiribati, Kosovo
- Lao PDR, Lesotho
- Marshall Islands, Mauritania, Micronesia Fed. Sts., Moldova, Mongolia, Morocco
- Nicaragua, Nigeria
- Pakistan, Papua New Guinea, Paraguay, Philippines
- Samoa, São Tomé and Principe, Senegal, Solomon Islands, Sri Lanka, Sudan, Swaziland, Syrian Arab Republic
- Timor-Leste, Tonga, Turkmenistan, Tuvalu
- Ukraine, Uzbekistan
- Vanuatu, Vietnam
- West Bank and Gaza; Yemen Rep.
- Zambia

### Country Category D
- Afghanistan
- Bangladesh, Benin, Burkina Faso, Burundi
- Cambodia, Central African Republic, Chad, Comoros, Congo Rep.
- Eritrea, Ethiopia
- Gambia, Guinea, Guinea-Bissau
- Haiti
- Indonesia
- Kenya, Korea Dem. Rep., Kyrgyz Republic
- Liberia
- Madagascar, Malawi, Mali, Mozambique, Myanmar
- Nepal, Niger
- Rwanda
- Sierra Leone, Somalia
- Tajikistan, Tanzania, Togo
- Uganda
- Zimbabwe
## ULTRASOUND PROVIDER COURSES + CONGRESS PLENARY

*Fees are to be considered per each Course*

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians Country Category A</td>
<td>€ 660,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category A</td>
<td>€ 520,00</td>
</tr>
<tr>
<td>Physicians Country Category B and C</td>
<td>€ 300,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category B and C; Pre-graduate/Post-graduate Students</td>
<td>€ 230,00</td>
</tr>
<tr>
<td>Physicians Country Category D</td>
<td>€ 200,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category D</td>
<td>€ 150,00</td>
</tr>
</tbody>
</table>

* Workshops not included

## 1 DAY ULTRASOUND PROVIDER COURSES + CONGRESS PLENARY *

**OCTOBER 21 - 22 - 23, 2012**

- ULTRASOUND-GUIDED NURSING PROCEDURES - BASIC LEVEL 1 PROVIDER [USNURSE PRO BL1P]

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nurses/Paramedics Country Category A</td>
<td>€ 150,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category A</td>
<td>€ 100,00</td>
</tr>
<tr>
<td>Nurses/Paramedics Country Category B and C</td>
<td>€ 120,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category B and C</td>
<td>€ 80,00</td>
</tr>
<tr>
<td>Nurses/Paramedics Country Category D</td>
<td>€ 100,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category D</td>
<td>€ 70,00</td>
</tr>
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</table>

* Workshops not included
**REGISTRATION FEES**

### ULTRASOUND CERTIFICATION SESSION

**OCTOBER 22 - 23, 2012**

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians Country Category A</td>
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</tr>
<tr>
<td>WINFOCUS Members Country Category A</td>
<td>€ 100,00</td>
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<tr>
<td>Physicians Country Category B and C</td>
<td>€ 100,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category B and C; Pre-graduate/Post-graduate Students</td>
<td>€ 80,00</td>
</tr>
<tr>
<td>Physicians Country Category D</td>
<td>€ 70,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category D</td>
<td>€ 50,00</td>
</tr>
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</table>

### CONGRESS PLENARY & WORKSHOPS

**OCTOBER 22 - 23, 2012**

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians Country Category A</td>
<td>€ 280,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category A</td>
<td>€ 230,00</td>
</tr>
<tr>
<td>Physicians Country Category B and C</td>
<td>€ 140,00</td>
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<tr>
<td>WINFOCUS Members Country Category B and C; Pre-graduate/Post-graduate Students</td>
<td>€ 120,00</td>
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<tr>
<td>Physicians Country Category D</td>
<td>€ 90,00</td>
</tr>
<tr>
<td>WINFOCUS Members Country Category D</td>
<td>€ 80,00</td>
</tr>
</tbody>
</table>

### WORKSHOPS

**OCTOBER 22, 2012**

- **FOCUSED ULTRASOUND**
  - Airway & Breathing (1 hr)
  - Circulation - Focused ECHO, IVC (Shock) (1 hr)
  - Circulation - Central and Peripheral Access (1 hr)
  - Disability (2 hrs)
- **CLINICAL SCENARIOS**
  - Major Trauma (2 hrs)
  - Cardiac Arrest (2 hrs)

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Each Workshop (1 or 2 hours lasting)</td>
<td>€ 30,00</td>
</tr>
</tbody>
</table>
HOW TO REGISTER
On-line registration at:
> www.winfocus.org/world/barcelona2012

ULTRASOUND PROVIDER COURSES
+ CONGRESS PLENARY registration fee includes:
> Course scientific sessions, hands-on & simulations
> Congress plenary sessions on October 22 & 23
> Congress kit
> Certificate of attendance
> Lunch on October 20, 21 & 22

Please note that each course has a limited number of participants.
It is suggested to enroll as soon as possible.

ULTRASOUND CERTIFICATION SESSION
registration fee includes:
> Certification exam for Provider or Trainer modules*
> Competence-based certificate (only in case the candidate passes the exam)

* It is compulsory to specify the certification the candidate is applying for (Provider or Trainer) upon registration.

CONGRESS PLENARY & WORKSHOPS
registration fee includes:
> Plenary sessions on October 22 & 23
> Parallel Ultrasound Workshops on October 22 in the afternoon*
> Congress kit
> Certificate of attendance
> Lunch on October 22

* It is compulsory to select the Workshop you are interested in while registering.

WORKSHOP registration fee includes:
> 1 of the parallel Workshops on October 22 in the afternoon (1 or 2 hours lasting)

Invoice
The invoice will be sent by mail before the Congress. Invoice must be issued to all registered participants.
Please pay attention to correctly fill out the Invoice data section. Incomplete registrations will not be considered.

Cancellation
Cancellations have to be compulsorily communicated to the Organizing Secretariat in written (by email or fax). 50% of the amount will be refunded in case of cancellation within September 7, 2012. After this date no refund will be possible.

WINFOCUS MEMBERS
Discounted fee can be granted only to those who are up-to-date with 2012 membership payment.

IMPORTANT DATES
Please remember that:
> Deadline for registrations is October 12, 2012
> Deadline for cancellation of registration, with reimbursement of 50% of the fee, is September 7, 2012
VENUE
Hotel AC Barcelona Forum
Passeig Taulat 278 - 08019 Barcelona (Spain)
(Situated at the very end of Avenida Diagonal, next to the
Forum and the Diagonal Mar Commercial Centre).

HOW TO REACH THE VENUE
By car
Entering the city, take Avenida Diagonal down to the Forum.
If you enter from the Ronda de Litoral, take exit number 24.

By airplane
From El Prat Airport: take the Rodalies Renfe train and get
off at Clot-Aragó train station, then transfer to metro line L5
(direction La Pau). Get off at La Pau station and take metro
line L4 (yellow line, direction Trinidad Nova) and get off at
Maresme Forum train station.
From Girona Airport: take the bus to Barcelona Estació Nord,
which is the main bus station in the city center. The journey
lasts 1 hour and 10 minutes. Get off at Barcelona Estació
Nord and reach metro stop Arc de Triomf (red line 1).

By train
Get off at Sans Estació or Clot-Aragó station, then transfer
to metro line L4 (the yellow line) and get off at Maresme
Forum.
Maresme Forum metro station is 200 meters far from the
hotel.

USEFUL CONTACTS
- El Prat airport
  www.barcelona-airport.com
- Girona airport
  www.barcelona-girona-airport.com
- Spanish trains
  www.renfe.com
- Barcelona Tourist Office
  www.barcelonaturisme.com
- Public transport
  www.barcelona-tourist-guide.com/sp/transporte/
transporte-en-barcelona.html
- Taxi
  www.taxibarcelonabcn.com

ABSTRACTS & POSTERS PRESENTATION
Those interested in presenting papers related to the Congress
topics have to upload an abstract at www.winfocus.org/
world/barcelona2012/abstracts no later than July 6, 2012.
 Uploaded abstracts will be evaluated by a dedicated
WINFOCUS Committee.
All the accepted papers could be presented as posters during
the Congress and will be published on the Critical Ultrasound
Journal (the official Journal of WINFOCUS, by Springer).
Moreover, six of them will be selected and could be presented
orally during the Congress Plenary on October 23.
Abstract must be typed and presented in English.
Acceptance will be communicated by email to the first author
indicated on the online form, together with presentation
Presenters have to be regularly registered to the Congress,
unless faculty members.

Posters
Maximum poster size is 70 cm (width) x 100 cm (height).
Authors will be asked to present their poster to the Evaluation
Committee and the attendees during a dedicated session, to
be communicated upon poster acceptance.

Oral presentations
A maximum time-frame of 10 minutes for 5 slides (7 min.
presentation + 3 min. discussion) will be assigned to each
presentation.
Audio-visual equipment will be provided in Congress Plenary
room.

Best paper prize
The best paper author will be granted of:
- registration fee reimbursement
- 2013 WINFOCUS events worldwide free registration
- 500 Euros special prize

LANGUAGE
English is the official language of Ultrasound Courses,
Certification Session and Workshops. Material will be also
provided in Spanish language.
English is the official language of Congress Plenary Sessions.
Simultaneous translation will be provided from English to
Spanish.

WINFOCUS CERTIFICATION
WINFOCUS attendance certificates will be given to
participants at the end of each event.
Any Ultrasound Provider Course may also represent the
entry module for further ‘competence-based’ international
certification (see details at www.winfocus.org/uscmc/ uscmc).
José Alonso (Barcelona, Spain)
Abdulmohsen Alsaawi (Riyadh, Saudi Arabia)
José María Ayuela (Burgos, Spain)
Radu Badea (Cluj Napoca, Romania)
Diego Martín Barca (Buenos Aires, Argentina)
Abdel Bellou (Rennes, France)
Valerio Bernardi (Milan, Italy)
Stefano Bulgarelli (Milan, Italy)
Ricardo Campo (Puertollano, Spain)
Andrés Carrillo (Mallorca, Spain)
Vito Cianci (Vicenza, Italy)
Gian Alfonso Cibinel (Turin, Italy)
Pradeep D’Costa (Pune, India)
Anthony Dean (Philadelphia, USA)
Stephanie Doniger (San Francisco, USA)
Scott Dulchavsky (Detroit, MI, USA)
Mahmoud Elbarbary (Riyadh, Saudi Arabia)
Silvia Enriquez (Lleida, Spain)
Maria Farre (Lleida, Spain)
Mirko Figini (Milan, Italy)
Tatjana Golob-Gulič (Maribor, Slovenia)
Carmela Graci (Milan, Italy)
Richard Hoppmann (Columbia, SC, USA)
Laura Hurtado (Buenos Aires, Argentina)
Arif Hussain (Baltimore, MD, USA)
Andrew Kirkpatrick (Calgary, Canada)
Maylin Koo (Barcelona, Spain)
Massimo Lamperti (Milan, Italy)
Alberto Lauro (Padua, Italy)
Dawei Liu (Beijing, China)
Suthaporn Lumlertgul (Bangkok, Thailand)
Lawrence Melniker (New York, NYC, USA)
Silvia Mongodi (Pavia, Italy)
Miguel Monzorfo (Rosario, Argentina)
Jordi Moreno (Lleida, Spain)
Luca Neri (Milan, Italy)
Vicky Noble (Boston, MA, USA)
Ramon Nogué Bou (Lleida, Spain)
Ana Ochagavia (Sabadell, Spain)
Achikam Oren-Grinberg (Boston, MA, USA)
Adi Osman (Kuala Lumpur, Malaysia)
Alberto Pasqualetto (Barcelona, Spain)
José Muniz Pazeli (Barbacena, Brazil)
Roberto Penedo (Barbacena, Brazil)
Fernando Roldan (Madrid, Spain)
Fanny Ruiz (Lleida, Spain)
Narendra Rungta (Jaipur, India)
Antoni Sabate (Barcelona, Spain)
Carlos Santias (Saint-Lo, France)
Susana Simo (Barcelona, Spain)
Alberta Spreafico (Detroit, USA)
Enrico Storti (Milan, Italy)
Matteo Subert (Milan, Italy)
Daniel Talmor (Boston, MA, USA)
James Tsung (New York, NYC, USA)
Davide Vailati (Milan, Italy)
José Luis Vazquez (Madrid, Spain)
Gabriele Via (Pavia, Italy)
Tomas Villen (Madrid, Spain)
Giovanni Volpicelli (Turin, Italy)
ENDORSEMENTS*

SPANISH ENDORSEMENTS
University of Lleida

SEMES Sociedad Española de Medicina de Urgencias y Emergencias
SOCMUE Societat Catalana de Medicina d’Urgències i Emergències
SEMICYUC Sociedad Española de Medicina Intensiva, Crítica y Unidades Coronarias
SEDAR Sociedad Española de Anestesiología, Reanimación y Terapéutica del Dolor
SEECO Spanish Society of Echography

INTERNATIONAL ENDORSEMENTS
ACCP American College of Chest Physicians
ACEP American College of Emergency Physicians
ACS American College of Surgeons
AHA American Heart Association
ATS American Thoracic Society
EFSUMB European Federation of Societies for Ultrasound in Medicine and Biology
ESA European Society of Anaesthesiology
ESICM European Society of Intensive Care Medicine
EuSEMEuropean Society for Emergency Medicine
ISCCM Indian Society of Critical Care Medicine
ITLS International Trauma Life Support
KSEM Emergency Imaging Group - Korean Society of Emergency Medicine
SAMU Service d’Aide Médicale d’Urgence de France
SCCM Society of Critical Care Medicine
SCCS Saudi Critical Care Society
SEMI Society for Emergency Medicine in India
SEMS Society for Emergency Medicine in Singapore
SIAARTI Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva
SIAATIP Società Italiana di Anestesia, Analgesia e Terapia Intensiva Pediatrica
SICUT Società Italiana di Chirurgia d’Urgenza e del Trauma
SIMEU Società Italiana di Medicina d’Emergenza-Urgenza
SIUMB Società Italiana di Ultrasonologia in Medicina Biologica
SUA Society for Ultrasound in Anaesthesia
TAC Trauma Association of Canada
WFUMB World Federation for Ultrasound in Medicine and Biology

* under request