ACCREDITATIONS
An application will be made to the following Swiss Scientific Society:

- Société Suisse de Médecine Intensive (SSMI/SGI) requested
- Association Suisse de Médecine d’Urgence (SSMUS/SGNOR) requested
- Société Suisse d’Anesthésiologie et de Réanimation (SSAR/SGAR) requested
- Société Suisse de Médecine Interne Générale (SSMG/SGIM) requested
- Fédération Suisse des Infirmières et Infirmiers Anesthésistes (FSIA/SIGA) requested

Geneva, 2017
February 6th–8th

2º WINFOCUS SWISS CONGRESS
ECHOGRAPHY AND EMERGENCY

Official Website: www.winfocus.ch

Organizing Secretariat
Via Ciocassè 4 – 20121 Milano
Tel. +39 02 29534181 – Fax. +39 02 29532309
Email: laura.luraschi@tccompany.it
www.tccompany.it
Welcome Address

Dear colleagues,
on February, 6th we will inaugurate the «2° Winfocus–Switzerland Congress» directed as the previous year by Prof. Karim Bendjelid and coordinated by an international, renowned and well known worldwide faculty.

The event will be structured into three days: an exciting scientific first day entitled «Ultrasound in acute disease» where international speakers will discuss the echography assessment in all highest emergencies fields (i.e. emergency department, Intensive Care Unit, Operating Theatre, etc...). Moreover, this day will be a unique happening for Winfocus–Switzerland: all members will be able to actively join the scientific works, discussing directly with all experts in the post-lecture meetings and encounter these renowned colleagues throughout the social sessions.

The second and third day will be two didactical dates: there will be eight parallels courses entirely dedicated to ultrasounds, both with a basic and advanced level. All basic courses are dedicated to the professionals who have to approach the emergency ultrasound for the first time; while advanced courses are dedicated to those who already know the basic elements of ultrasounds and want to improve their knowledge in a specific field. Moreover, attention should be dedicated to our nursing section, an exclusive of Winfocus–Switzerland, which in previous years has brought enormous enthusiasm to those involved in the field, who have been able to better understand the application of ultrasound in theoretic clinical area and in daily clinical practice.

The presence of small workgroups, especially during the several workshops, is another key element to ensure good quality of the course. Indeed, the present symposium will allow, all our colleagues interested in learning these techniques, to work side by side with the greatest international experts in the subject, in order to better learn this medical field of high practical interest. The presence of an interdisciplinary faculty and internationally renowned directors is really a key-element of this Congress that will offer a first level scientific program that will thrill all participants.
## Timetable

**2° Winfocus Switzerland Congress**

### February 6th

<table>
<thead>
<tr>
<th>A.M.</th>
<th>P.M.</th>
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</table>
| Plenary symposium: “Ultrasound in acute disease”  
*common for all courses* | |

### February 7th

<table>
<thead>
<tr>
<th>A.M.</th>
<th>P.M.</th>
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<tbody>
<tr>
<td>Lung US</td>
<td>Neuro US</td>
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### February 8th

<table>
<thead>
<tr>
<th>A.M.</th>
<th>P.M.</th>
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<tbody>
<tr>
<td>Lung US</td>
<td>Nurse US</td>
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</table>
During the Symposium, international speakers will discuss the echography assessment in all highest emergencies fields (i.e. emergency department, Intensive Care Unit, Operating Theatre, etc...). Moreover, this day will be a unique happening for Winfocus-Switzerland: all members will be able to actively join the scientific works, discussing directly with all experts in the post–lecture meetings and encounter these renowned colleagues throughout the social sessions.

**FACULTY**

| Dr. med. M. Baeriswyl – CHUV (Lausanne) |
| Prof. K. Bendjelid – HUG (Genève) |
| Dr. med. E. Albrecht – CHUV (Lausanne) |
| Dr. med. C. Gantner – KSW (Zurich) |
| Dr. med. T. Geeraerts – CHU (Bordeaux) |
| Dr. med. P. Grossi – Policlinico San Donato (Milano) |
| Prof. C. Kern – CHUV (Lausanne) |
| Dr. med. A. Lavino – NHS (Cambridge) |
| Dr. med. B. Levi – Nancy University Hospitals (Nancy) |
| Prof. B. Nelson – Mount Sinai (New York) |
| Dr. med. L. Neri – Niguarda (Milano) |
| Prof. T. Petrovich – HDP (Paris) |
| Dr. med. D. Pugin – HUG (Genève) |
| Dr. med. A. Saporito – ORBV (Bellinzona) |
| Dr. med. B. Saugel – University Medical Center Hamburg-Eppendorf (Munich) |
| Dr. med. P. Schoettker – CHUV (Lausanne) |
| Dr. med. G. Via – S. Matteo (Pavia) |
| Dr. med. G. Volpicelli – S. Luigi Gonzaga (Torino) |

### February 6th

#### 8.00 – 8.30
Registrations

#### 8.30 – 10.45
**Vision & Mission of WF**

#### 8.45 – 10.45
**PULMONARY SESSION**

<table>
<thead>
<tr>
<th>Chairman: B. Nelson</th>
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<tbody>
<tr>
<td>Lung ultrasound basics</td>
</tr>
<tr>
<td>Roundtable</td>
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</tbody>
</table>

#### 10.45 – 11.00
Coffee break

#### 11.00 – 13.15
**HEMODYNAMIC SECTION**

<table>
<thead>
<tr>
<th>Chairman K. Bendjelid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Point of Care Ultrasound for Fluid Status Assessment</td>
</tr>
<tr>
<td>I need echocardiography for cardiogenic shock</td>
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<tr>
<td>Cardiogenic shock monitoring: echocardiography is not (always) sufficient</td>
</tr>
<tr>
<td>Perioperative Echocardiography</td>
</tr>
<tr>
<td>Roundtable</td>
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</table>

#### 13.15 – 14.15
Lunch break

#### 14.15 – 16.00
**NEUROLOGIC SECTION**

<table>
<thead>
<tr>
<th>Chairman D. Pugin</th>
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<tbody>
<tr>
<td>Cerebral blood flow autoregulation</td>
</tr>
<tr>
<td>Brain echography</td>
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<tr>
<td>Usefulness of Transcranial Doppler in prehospital emergency medicine</td>
</tr>
<tr>
<td>Roundtable</td>
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#### 16.00 – 16.15
Coffee break

#### 16.15 – 18.00
**ANESTHESIOLOGY SECTION**

<table>
<thead>
<tr>
<th>Chairman: C. Kern</th>
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<tbody>
<tr>
<td>Ultrasound guided interventional pain procedures</td>
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<tr>
<td>Ultrasound-assisted neuraxial blocks should be systematically performed: pro/contra</td>
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<tr>
<td>The limits of ultrasound guided peripheral nerve blocks</td>
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<tr>
<td>Airway management: do we finally see what we don’t see with our naked eyes?</td>
</tr>
<tr>
<td>Roundtable</td>
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#### 18.00
End of Symposium
Lung UltraSound (LungUS)

This course has been specifically designed for beginners in lung ultrasound. Some basic ultrasound knowledge are required for the lung basic course, where participants will be thought the most important ultrasound signs of common urgent respiratory pathological conditions and their management through standardized, simple protocols.

The hands-on session will focus on putting these protocols into practice.

DIRECTOR
F: Caronni

FACULTY
F. Caronni (EOC, Lugano)
A. Acuzio (EOC, Lugano)
N. Siegenthaler (HUG, Genève)

February 7th

8.00 – 8.30
Registrations

8.30 – 10.30
Physics of ultrasounds – plenary session
A. Saporito

9.15 – 10.30
LungUS scanning technique and knobology

10.30 – 11.00
Coffee break

11.00 – 13.00
Normal lung – echographic anatomy

12.00 – 12.30
Pleural effusion

12.30 – 13.00
Consolidations

13.00 – 14.00
Lunch break

14.00 – 16.00
Hands-on training 1

16.00 – 16.30
Coffee break

16.30 – 18.00
Pneumothorax

17.15 – 18.00
Interstitial syndrome

18.00
End of day

18.30 – 20.00
General WF-CH Assembly

February 8th

8.30 – 10.30
Review
Evaluation of endotracheal tube positioning
Evaluation of pleural pain

10.30 – 11.00
Coffee break

11.00 – 13.00
Hands-on training 2

13.00 – 14.00
Lunch break

14.00 – 16.00
Case discussion
LungsUS in acute respiratory failure (BLUE protocol)

16.00 – 16.30
Coffee break

16.30 – 18.00
Hands-on training 3

18.00
End of Congress
This course focuses on echocardiography in the very specific context of emergency and critical care medicine. The aim of the course is to give a sound knowledge about practical and easy to learn protocols, which can be incorporated into the diagnostic algorithm of critical patients in order to rapidly reach a diagnosis and manage unstable patients.

A sound knowledge of basic ultrasound is required. Participants will be thought cardiac anatomy and sono-anatomy, images acquisition techniques and common pathological echographic patterns, contextualized in ACLS protocols in order to learn how to perform a completed ultrasound-assisted advanced life-support.
More than Basic Echo–ICU (MTWBE)

This course goes deeper in Heart Echo and in all clinical scenario encountered in emergency department, ICU and operating theatre; it’s especially directed to best manage more advanced problems, like valvular assessment during acute disease, diastolic dysfunction assessment in ICU, how to manage more complex clinical scenario (multiple shock) with the use of ultrasound. This course has been created to increase the practical sessions in which all participants can practically will discuss about practical management of hard situations and commons echocardiographic pitfalls, increasing the experience in the use of echocardiography in own personal clinical setting.

February 7th

DIRECTOR
K. Bendjelid

FACULTY
K. Bendjelid (HUG, Genève)
N. Brugger (HFR, Fribourg)
Y. Fleury (HFR, Fribourg)
B. Pinto (HUG, Genève)

8.00 – 8.30  Registrations
8.30 – 10.30 Quantitative assessment of LV Systolic function  K. Bendjelid
Quantitative assessment of RV Systolic function  N. Brugger
10.30 – 11.00 Coffee break

11.00 – 13.00 HANDS-ON TRAINING SESSION 1
1. Left Ventricular function  K. Bendjelid
2. Right Ventricular function  N. Brugger

13.00 – 14.00 Lunch break

14.00 – 16.00 Fluid Responsiveness Assessment  K. Bendjelid
Cardiac Output Measurements  K. Bendjelid

16.00 – 16.30 Coffee break

16.30 – 18.00 HANDS-ON TRAINING SESSION 2
1. Fluid Responsiveness  N. Brugger
2. Cardiac Output Measurement  K. Bendjelid

18.00  End of day

18.00 – 20.00 General WF-CH Assembly

February 8th

8.30 – 10.30 Quantitative assessment of LV diastolic function  N. Brugger

10.30 – 11.00 Coffee break

11.00 – 13.00 Introduction to valvular assessment (mitral and aortic evaluation, tricuspid evaluation)  Y. Fleury

13.00 – 14.00 Lunch break

14.00 – 16.00 HANDS-ON TRAINING SESSION 3
1. Aortic valve assessment  N. Brugger
2. Mitral valve assessment  K. Bendjelid
3. Tricuspid valve assessment  Y. Fleury

16.00 – 16.30 Coffee break

16.30 – 18.00 More than basic valve assessment  N. Brugger
A global approach  K. Bendjelid

18.00  End of Congress
Nurse Ultrasound (NUS)

This course is designed for nurses working in the emergency room, anesthesiology and intensive care. It is meant to teach nurses the principles of ultrasound, how to use and properly set an ultrasound machine and how to acquire good images. The techniques thought are meant to help nurses in their everyday practice, improving their outcome through easy and standardized protocols and techniques.

The course will cover: ultrasound guided peripheral venous accesses in case of difficult veins, endotracheal and gastric tubes correct positioning confirmation, bladder scanning for identification of urinary retention and Foley catheter positioning confirmation and many other useful applications.

DIRECTOR
A. Lo Piccolo

FACULTY
xxx (xxx)
A. Lo Piccolo (EOC, Bellinzona)
C. Graci (Niguarda, Milano)
xxx (EOC, Mendrisio)

8.00 – 8.30 Registrations
8.30 – 9.00 Physics of ultrasounds — plenary session
9.00 – 10.30 Introduction
Vascular + PICC
A. Saporito
A. Lo Piccolo
A. La Piccolo, D. Franceschini

10.30 – 11.00 Coffee break
A. La Piccolo

11.00 – 13.00 Lung ultrasound
Cardiac ultrasound
A. La Piccolo

13.00 – 14.00 Lunch break
D. Franceschini

14.00 – 16.00 eFAST
Pelvic US
D. Franceschini

16.00 – 16.30 Coffee break
D. Franceschini

16.30 – 18.00 BladderUS
Pre-Hospital

18.00 End of day

February 7th

18.00 – 20.00 General WF-CH Assembly

February 8th

8.30 – 10.30 HANDS-ON TRAINING SESSION 1

10.30 – 11.00 Coffee break

11.00 – 13.00 HANDS-ON TRAINING SESSION 2

13.00 – 14.00 Lunch break

14.00 – 16.00 HANDS-ON TRAINING SESSION 3

16.00 – 16.30 Coffee break

16.30 – 18.00 Final discussion (Q&A)
Test

18.00 End of Congress
UltraSound Life Support Basic Level (USLS–BL)

This course is meant for beginners. It has been designed to provide a solid ground on which you can build a sound knowledge in emergency and critical care ultrasound. It starts with an introduction about the physics of ultrasound, with the aim of getting you acquainted with the basic principles with the aim of teach you how the machine works and how its setting can be optimized to obtain good images.

An introduction to the ultrasound-assisted ABC will follow, explaining how echography can help you in managing airway management and common cardio-respiratory emergencies. Ultrasound-guided intravenous access will also be thought. Lot of time will be dedicated in the afternoon to hands-on sessions on models and simulators.

DIRектор
A. Saporito

FACULTY
A. Saporito (EOC, Bellinzona)
B. Minotti (Kantonsspital, St. Gallen)
M. Betello (HUG, Genève)
I. Gimigliano (EOC, Bellinzona)
G. Lecca (Hôpital du Valais, Sion)

February 7th

8.00 – 8.30 Registrations A. Saporito
8.30 – 9.00 Physics of ultrasounds — plenary session A. Saporito, Knobology, B. Minotti
9.00 – 10.30 Introduction — Winfocus’ certification pathway A. Saporito
10.30 – 11.00 Coffee break
11.00 – 13.00 Airway’s management M. Betello
LungUS (basic level) A. Saporito
13.00 – 14.00 Lunch break
14.00 – 16.00 HANDS-ON TRAINING SESSION 1
1. Machines’ setting B. Minotti
2. Airway’s management G. Lecca
3. Lung US A. Saporito
4. Basic echocardiography (anatomy) I. Gimigliano
16.00 – 16.30 Coffee break
16.30 – 18.00 Basic echocardiography (anatomy) I. Gimigliano
18.00 End of day

18.00 – 20.00 General WF-CH Assembly

February 8th

8.30 – 10.30 HANDS-ON TRAINING SESSION 2
1. Basic echocardiography (anatomy) I. Gimigliano
2. LungUS A. Saporito
3. Clinical e-cases B. Minotti
M. Betello
4. Peripheral lines access
10.30 – 11.00 Coffee break
11.00 – 13.00 eFAST in Emergency Department B. Minotti
Central venous lines and US M. Betello
13.00 – 14.00 Lunch break
14.00 – 16.00 HANDS-ON TRAINING SESSION 3
1. Basic echocardiography (CORE-scan) I. Gimigliano
2. eFAST A. Saporito
3. Central venous lines B. Minotti
M. Betello
4. Review A. Saporito
16.00 – 16.30 Coffee break
16.30 – 18.00 ABCD in 10 minutes B. Minotti
Final test
18.00 End of Congress
UltraSound Life Support Advanced Level (USLS–AL)

This course is meant for the ones who have already attended the USLS basic course, or already have sound knowledge of basic ultrasound and want to improve their technique or apply it in an emergency and critical care setting. The course will provide a detailed teaching on ABCD-assisted ultrasound, with detailed lectures on advanced lung and cardiac ultrasound. Many clinical scenarios have been designed in order to test your understanding and make you confident with the practical application of these techniques. In the hands-on session you will have the occasion to practice on models and a session with an advanced simulator will be organized to mimic common clinical scenarios and their ultrasound-assisted management.

DIRECTOR
B. Nelson

FACULTY
B. Nelson (Mount Sinai, NY)
L. Neri (Niguarda, Milano)
J. Coiffier (Hôpital du Valais, Sion)
L. Anselmi (EOC, Bellinzona)

February 7th

8.00 – 8.10 Registrations
8.10 – 8.30 Airway assessment, procedures & treatment
8.30 – 9.30 Clinical protocols
L. Anselmi
9.30 – 10.30 Breathing assessment (effusions, consolidations, pneumothorax, diaphragm impairment)
Breathing procedures (needle aspirations, thoracocentesis, thoracotomy)
Breathing protocols (the BLUE-protocol)
J. Coiffier
10.30 – 11.00 Coffee break
11.00 – 13.00 HANDS-ON TRAINING SESSION 1
Airway and breathing simulations
L. Anselmi
13.00 – 14.00 Lunch break
14.00 – 15.00 Cardiac assessment (hemodynamic assessment, heart performance, volemic assessment)
Cardiac procedures (defibrillator, pacing, pericardiocentesis)
Cardias protocols (FEEL–FATE protocols)
B. Nelson
15.00 – 16.00 Disability assessment (optic nerve evaluation)
US-enhanced neurological management
L. Neri
16.00 – 16.30 Coffee break
16.30 – 18.00 HANDS-ON TRAINING SESSION 2
Cardiac and neurologic simulations
L. Neri
18.00 End of day

18.00 – 20.00 General WF-CH Assembly

February 8th

8.30 – 10.30 Head assessment: fractures, soft tissue lesions, aortic vascular US
Chest fractures, lung contusion, ARDS staging
Abdominal assessment (spleen, liver and biliary tracts; visceral organs)
US Trauma Life support (US-TLS)
B. Nelson
10.30 – 11.00 Coffee break
11.00 – 13.00 HANDS-ON TRAINING SESSION 3
Head, Thorax and abdomen simulations
L. Neri
13.00 – 14.00 Lunch break
14.00 – 16.00 Limb assessment (fractures, muscular and soft tissue lesions)
Head-to-toes procedures
16.00 – 16.30 Coffee break
16.30 – 17.45 HANDS-ON TRAINING SESSION 4
Limb, procedures, US-TLS, US-ACLS
Winfocus global initiative for ultrasound; certification process
18.00 End of Congress
The Ultrasound Neurological Assessment course has been created for Emergency and Critical Care specialists. The aim of the course is first to give basic knowledge of TransCranial Doppler and then specifically cover different pathologies present in the ICU or ER (SAH, TBI...) and their management with TransCranial Doppler.

During the afternoon session, practical experience can be gained in different TransCranial Doppler approaches (optic nerve sheath evaluation, parenchymal echography, arterial Doppler). Clinical cases will be presented and discussed at the end of the afternoon.
All participants who wish to attend the Scientific Sessions are required to register for the meeting. Registration online is preferred and will help in avoiding delays during the meeting itself.

REGISTRATION

Registrations online at www.winfocus.ch.

REGISTRATION FEES

HUG residents
- Physician: One day congress Ultrasound in acute disease (Febr. 6th) free
- UltraSound Neurological Assessment (US–NA) course 320.– CHF
- Ultrasound in acute disease (Febr. 6th) + UltraSound Neurological Assessment (US–NA) 320.– CHF
- Winfocus course (2 days course to be chosen below) 520.– CHF
- Whole congress (Ultrasound in acute disease + Winfocus course) 520.– CHF

Nurse:
- One day congress Ultrasound in acute disease (Febr. 6th) free
- Nurse Ultrasound Course 320.– CHF
- Whole congress (Ultrasound in acute disease + Winfocus course) 320.– CHF

Not HUG-residents:
- Physician: One day congress Ultrasound in acute disease (Febr. 6th) 100.– CHF
- UltraSound Neurological Assessment (US–NA) course 320.– CHF
- Ultrasound in acute disease (Febr. 6th) + UltraSound Neurological Assessment (US–NA) 320.– CHF
- Winfocus course (2 days course to be chosen below) 520.– CHF
- Whole congress (Ultrasound in acute disease + Winfocus course) 520.– CHF

Nurse:
- One day congress Ultrasound in acute disease (Febr. 6th) 100.– CHF
- Nurse Ultrasound Course 320.– CHF
- Whole congress (Ultrasound in acute disease + Winfocus course) 320.– CHF

REGISTRATION FEE INCLUDES

- Participation all scientific sessions
- Congress Kit
- Attendance Certificate
- Entrance to Exhibition Area
- Coffee Break and Lunches
- Credits from the Swiss Anaesthetist Society

CANCELLATION POLICY

A 70% refund of the registration fee will be paid ONLY for written cancellations prior to December 31st, 2016. No refund will be made after the above date.

LIABILITY AND INSURANCE

The Congress Secretariat and organizers cannot accept liability for personal accidents or loss of or damage to private property of participants, either during or indirectly arising from the participation to the Congress.

VENUE ADDRESS

Hôpitaux Universitaires de Genève
Rue Gabrielle-Perret–Gentil 4,
1205 Geneva
Switzerland

HOW TO REACH THE VENUE

By Car
From highway 1 exit n. 2 Genève Lac — continue to Centre and hospitals
From highway A40 exit n. 13 Lausanne/Aeroport/Cointrin/Centre then A41 follow indication to Centre and hospitals.
Parking in Geneva is quite expensive. To find your parking please visit: www.geneve-parking.ch

From Geneva airport
Take express train to Cornavin Station (7’ ride), then take the bus n. 1 (dir. Petit–Bel–Air) or n. 5 (dir. Thônex-Vallard) and get off at Hôpital bus stop.

OR
Take bus line n. 5 and get off at Hôpital bus stop (33’ ride)

From Cornavin Train Station
Take the bus n. 1 (dir. Petit–Bel–Air) or n. 5 (dir. Thônex-Vallard) and get off at Hôpital bus stop.

Public transportation in the area
Bus n° 1, 5, 7, 35 | Bus stop name: Hôpital
Tram n° 12 | Bus stop name: Augustins

For any other information please visit: http://plan-mobilite.hug-ge.ch/

LANGUAGE

The official language of the Congress is English. No simultaneous translation will be provided, but participants can interact speaking their mother language (French, Italian, German).