





ECHOGRAPHY AND EMERGENCY

Official Website: www.winfocus.ch







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.

BOARD AND COMMITTEE

SCIENTIFIC DIRECTOR

Karim Bendjelid, Geneva

CONGRESS ORGANIZER

Samuele Ceruti, Geneva Marco Betello, Geneva

WINFOCUS DIRECTORS

Carmela Graci, Milan Bret Nelson, New York Luca Neri, Milan Gabriele Via, Pavia Karim Bendjelid, Geneva

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Karim Bendjelid, Geneva Francesco Caronni, Lugano Daniele Franceschini, Bellinzona Antonio Lo Piccolo, Bellinzona Bret Nelson, New York Deborah Pugin, Geneva Andrea Saporito, Bellinzona Gabriele Via, Pavia Giovanni Volpicelli, Torino

ORGANIZING SECRETARIAT



Via Ciovasso 4 — 20121 Milano – Italy Tel. +39 02 29534181 — Fax. +39 02 29532309 Email: laura.luraschi@tccompany.it www.tccompany.it

Timetable

2° Winfocus Switzerland Congress



P.M.

Plenary symposium: "Ultrasound in acute disease" (common for all courses)



A.M.

P.M.

Lung US

Neuro US

Nurse US

WBE

MTWBE

USLS-BL

USLS-AL

February 8th

A.M.

P.M.

Lung US

Nurse US

WBE

MTWBE

USLS-BL

USLS-AL

Ultrasound in acute disease

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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)



8.00 - 8.30	Registrations
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8.30 - 10.45Vision & Mission of WF

PULMONARY SESSION 8.45 - 10.45

Chairman: B. Nelson

G. Volpicelli XXXX B. Nelson Lung ultrasound basics XXX C. Gantner

Roundtable G. Volpicelli, B. Nelson, C. Gantner

10.45 - 11.00 **Coffee break**

HEMODYNAMIC SECTION 11.00 - 13.15

Chairman K. Bendjelid

Point of Care Ultrasound for Fluid

G. Via Status Assessment

I need echocardiography for cardiogenic shock K. Bendjelid

Cardiogenic shock monitoring:

echocardiography is not (always) sufficient B. Levi Perioperative Echocardiography B. Saugel

Roundtable G. Via, K. Bendjelid, B. Levi, B. Saugel

13.15- 14.15 Lunch break

14.15 - 16.00 **NEUROLOGIC SECTION**

Chairman D. Pugin

A. Lavino Cerebral blood flow autoregulation T. Geeraerts Brain echography

Usefulness of Transcranial Doppler

T. Petrovich in prehospital emergency medicine

Roundtable D. Pugin, A. Lavino, T. Geeraerts, T. Petrovich

16.00 - 16.15 **Coffee break**

16.15 - 18.00 **ANESTHESIOLOGY SECTION**

Chairman: C. Kern

Ultrasound guided interventional pain procedures P. Grossi

Ultrasound-assisted neuraxial blocks should be systematically performed: pro/contra

A. Eric/M. Baeriswyl

The limits of ultrasound guided peripheral nerve blocks

Airway management: do we finally see what

we don't see with our naked eyes?

P. Schoettker Roundtable

18.00 End of Symposium C. Kern, P. Grossi, A. Eric, M. Baeriswyl, P. Schoettker

A. Saporito

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Lung UltraSound (LungUS)





February 8th

WINFOCUS Basic Echo-ICU (WBE)





DIRECTOR

G. Via

FACULTY

G. Via (Ospedale S. Matteo, Pavia)

P. Abraham (HUG, Genève)

C. Ballmer (Kinderspital, Zurich)

R. Giraud (HUG, Genève)

O. Grosgurin (HUG, Genève)

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.

8.00 - 8.30	Registrations	A C ''
8.30 – 9.00 9.15 – 10.30	Physics of ultrasounds — plenary session Focused Cardiac Ultrasound in Critical Care	A. Saporito G. Via
	Anatomy of the heart: basic TTE view – eyeballing principles	G. Via
10.30 - 11.00	Coffee break	
11.00 - 13.00	HANDS-ON TRAINING SESSION 1	
•••••	Normal FoCUS views	
	1. Normal clips	
	2. Parasternal views	
	3. Apicals views	
	4. Subcostal view	
	5. Vena Cava view	
13.00 - 14.00	Lunch break	
14.00 - 16.00	Basic assessment of LV systolic function	XXX
	Basic assessment of RV function	XXX
	Basic assessment of volume status	XXX
	Basic assessment of tamponade	XXX
16.00 – 16.30	Coffee break	
16.30 - 18.00	HANDS-ON TRAINING SESSION 2	
•••••	1. Patho clips	
	2. Apicals Views	
	3. Parasternal views	
	4. Subcostal view	
18.00	End of day	
19 00 - 20 0	O Coporal WE-CH Assembly	

18.00 - 20.00 General WF-CH Assembly

	Basic 2-D echo knobology	1
8.30 – 10.00	Basic 2-D echo knobology Basic valves assessment Pitfalls & limitations of focused cardiac ultrasound	
10.00 - 10.30	Coffee break	
10.30 – 13.00	Overall Approach to shock FoCUS in cardiac Arrest: the FEEL protocol The WINFOCUS FoCUS certification pathway G. Via	
13.00 - 14.00		
14.00 - 16.00	HANDS-ON TRAINING SESSION 3	
	ACLS megacode Shock megacode e-cases Focus views review Focus view review	
16.00 – 16.30	Coffee break	
16.30 – 18.00	HANDS-ON TRAINING SESSION 4	
	ACLS megacode Shock megacode e-cases Focus views review Focus view review	

10 | Winfocus 2017 - Switzerland | 11 | Winfocus 2017 - Switzerland | 11

More than Basic Echo-ICU (MTWBE)





DIRECTOR

K. Bendjelid

FACULTY

K. Bendjelid (HUG, Genève)

N. Brugger (HFR, Fribourg)

Y. Fleury (HFR, Fribourg)

B. Pinto (HUG, Genève)

This course goes deeper in Heart Echo and in all clinical scenario encountered in emergency department, ICU and operating theatre; t'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.

8.00 - 8.30	Registrations	O
8.30 - 10.30	Quantitative assessment of LV Systolic function	· ·
	Quantitative assessment of RV Systolic function	on 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)





DIRECTOR

A. Lo Piccolo

FACULTY

xxx(xxx)

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

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.

8.00 - 8.30 8.30 - 9.00 9.00 - 10.30	Registrations Physics of ultrasounds — plenary session Introduction Vascular + PICC	A. Saporito A. Lo Piccolo A. Lo Piccolo, D. Franceschini
10.30 - 11.00	Coffee break	
11.00 – 13.00	Lung ultrasound Cardiac ultrasound	A. Lo Piccolo xxx
13.00 - 14.00	Lunch break	
14.00 - 16.00	eFAST	D. Franceschini
	Pelvic US	XXX
16.00 - 16.30	Coffee break	
	correct break	
16.30 – 18.00	BladderUS	D. Franceschini
	C 01100 Z 10 I II	D. Franceschini xxx

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 δ A)
	Test
18.00	End of Congress

18.00 - 20.00 General WF-CH Assembly

UltraSound Life Support Basic Level (USLS-BL)







DIRECTOR

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)

8.00 - 8.30	Registrations	O
8.30 - 9.00	Physics of ultrasounds — plenary session	A. Saporito
9.00 - 10.30	Introduction - Winfocus' certification pathway	A. Saporito, Knobology, B. Minot
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	O General WF-CH Assembly	

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.

February 8th

8.30 – 10.30	HANDS-ON TRAINING SESSION 2	5
10.30 – 11.00	 Basic echocardiography (anatomy) LungUS Clinical e-cases Peripheral lines access Coffee break 	I. Gimigliano A. Saporito B. Minotti M. Betello
11.00 – 13.00	eFAST in Emergency Department Central venous lines and US	B. Minotti M. Betello
13.00 - 14.00	Lunch break	
14.00 – 16.00	1. Basic echocardiography (CORE-scan) 2. eFAST 3. Central venous lines 4. Review	I. Gimigliano B. Minotti M. Betello A. Saporito
14.00 - 16.00 16.00 - 16.30	 Basic echocardiography (CORE-scan) eFAST Central venous lines Review 	B. Minotti M. Betello
	 Basic echocardiography (CORE-scan) eFAST Central venous lines Review 	B. Minotti M. Betello

16 | Winfocus 2017 - Switzerland Winfocus 2017 - Switzerland Unifocus 2017 - Switzerland Unifocus 2017 - Switzerland

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,

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

with detailed lectures on advanced lung and cardiac ultrasound.

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)

8.00 - 8.30Registrations 8.30 - 9.30Airway assessment, procedures δ treatment. Clinical protocols 9.30 - 10.30Breathing 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 13.00 - 14.00 Lunch break 14.00 - 15.00Cardiac assessment (hemodynamic assessment, heart performance, volemic assessment) Cardiac procedures (defibrillator, pacing, pericardiocentesis) Cardias protocols (FEEL-FATE protocols) B. Nelson Disability assessment (optic nerve evaluation) 15.00 - 16.00US-enhanced neurological management L. Neri 16.00 - 16.30 Coffee break 16.30 - 18.00 HANDS-ON TRAINING SESSION 2 Cardiac and neurologic simulations 18.00 End of day

18.00 - 20.00 General WF-CH Assembly



8.30 - 10.30Head 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)

Coffee break

11.00 - 13.00 HANDS-ON TRAINING SESSION 3

Head. Thorax and abdomen simulations

13.00 - 14.00Lunch break

10.30 - 11.00

14.00 - 16.00Limb assessment (fractures, muscular and soft tissue lesions)

Head-to-toes procedures

US-trauma secondary management (US-TLS,

US-ACLS, pre-hospital procotols)

L. Neri

B. Nelson

16.00 - 16.30 Coffee break

16.30 – 17.45 HANDS-ON TRAINING SESSION 4

Limbs, procedures, US-TLS, US-ACLS

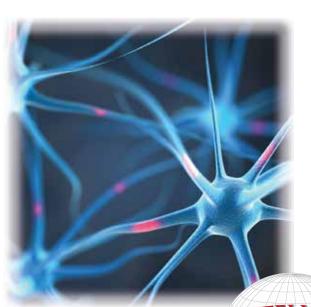
Winfocus global initiative for ultrasound; certification process

18.00 End of Congress

Winfocus 2017 - Switzerland | 19 18 | Winfocus 2017 - Switzerland

UltraSound Neurological Assessment (NeuroUS)





DIRECTOR

D. Pugin

FACULTY

D. Pugin (HUG, Genève)

M. Betello (HUG, Genève)

A. Jeleff (HUG, Genève)

A. Elrahal (HUG, Genève)

SATELLITE SYMPOSIUM WINFOCUS SWISS

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.

8.00 – 8.30	Registrations	
8.30 – 9.15	Physic of ultrasound (general)	
9.30 - 10.30	Foundamental of Trans-Cranial Doppler	M. Betel
10.30 - 11.00	Coffee break	
10.30 - 11.00 11.00 - 12.00	Coffee break Traumatic Brain Injury	D. Pugin

13.00 - 14.00 Lunch break

14.00 – 16.00 HANDS-ON TRAINING SESSION 1

1. CNS parenchima

2. Optic nerve

Dagistrations

3. Mean cerebral Artery

4. Traumatic Brain Injury

16.00 - 16.30 Coffee break

16.30 – 18.00 Clinical case reports

18.00 End of day

18.00 - 20.00 General WF-CH Assembly

20 | Winfocus 2017 - Switzerland Winfocus 2017 - Switzerland | 21

GENERAL INFORMATION

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:

Physician:	
 One day congress Ultrasound in acute disease (Febr. 6th) UltraSound Neurological Assessment (US-NA) course 	free 320 CHF
- Ultrasound in acute disease (Febr. 6th) + UltraSound	<i>320.</i> CH
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. 6 th)	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. 6 th)	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 nº 1, 5, 7, 35 | Bus stop name: Hôpital Tram nº 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).

22 | Winfocus 2017 - Switzerland Winfocus 2017 - Switzerland | 23