



Joint Annual Meeting 2018

Swiss Society of Cardiology (SSC)
Swiss Society of Cardiac Surgery (SSCS)

Congress Center Basel, 6–8 June 2018

Scientific Programme

Wednesday, 06 June 2018

Assembly, Shanghai 2

Board meeting Swiss Society of Cardiac Surgery

Chair: Michele Genoni (Zurich, Switzerland)

Chair: Friedrich Eckstein (Basel, Switzerland)

Postgraduate Course, Boston 1-3

08:30 - 11:15

Tricuspid regurgitation and right ventricle: diagnostic pitfalls

Chair: Patric Biaggi (Zurich, Switzerland)

08:30 - 08:35

Course introduction

Patric Biaggi (Zurich, Switzerland)

Pierre Monney (Lausanne, Switzerland)

08:35 - 08:50

Pitfalls when assessing tricuspid regurgitation by TTE

Beat Kaufmann (Basel, Switzerland)

08:50 - 09:05

Grading tricuspid regurgitation severity and definition of etiology in 2D/3D TEE - any better?

Nicolas Brugger (Bern, Switzerland)

09:05 - 09:20

Role of cardiac MRI in grading tricuspid regurgitation severity and right ventricular function

Pierre Monney (Lausanne, Switzerland)

09:20 - 09:35

Right ventricular impairment: when is it too late for surgery

René Prêtre (Lausanne, Switzerland)

09:35 - 09:45

Percutaneous tricuspid valve repair options: what does the cardiac imager need to look for?

Fabien Praz (Bern, Switzerland)

09:45 - 10:00

Q & A

10:00 - 10:15

Coffee Break

How would you grade and treat, how did I grade and treat: Heart Team approach in cases of tricuspid regurgitation

1. Case - Team Zurich (Chair: Team Bern)

10:15 - 10:20

Team Zurich - Case presentation

Patric Biaggi (Zurich, Switzerland)

Roberto Corti (Zurich, Switzerland)

Thierry Aymard (Zurich, Switzerland)



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10:20 - 10:25	Team Lausanne - 'How would you...' Pierre Monney (Lausanne, Switzerland) Olivier Muller (Lausanne, Switzerland) René Prêtre (Lausanne, Switzerland)
10:25 - 10:30	Team Zurich - 'How did I...' Patric Biaggi (Zurich, Switzerland) Roberto Corti (Zurich, Switzerland) Thierry Aymard (Zurich, Switzerland)
10:30 - 10:35	2. Case - Team Bern (Chair: Team Lausanne)
10:35 - 10:40	Team Bern - Case presentation Fabien Praz (Bern, Switzerland) David Reineke (Bern, Switzerland) Nicolas Brugger (Bern, Switzerland)
10:40 - 10:45	Team Zurich - 'How would you...' Patric Biaggi (Zurich, Switzerland) Roberto Corti (Zurich, Switzerland) Thierry Aymard (Zurich, Switzerland)
10:45 - 10:50	Team Bern - 'How did I...' Fabien Praz (Bern, Switzerland) David Reineke (Bern, Switzerland) Nicolas Brugger (Bern, Switzerland)
10:50 - 10:55	3. Case - Team Lausanne (Chair: Team Zurich)
10:55 - 11:00	Team Lausanne - Case presentation Pierre Monney (Lausanne, Switzerland) Olivier Muller (Lausanne, Switzerland) René Prêtre (Lausanne, Switzerland)
11:00 - 11:05	Team Bern - 'How would you...' Fabien Praz (Bern, Switzerland) David Reineke (Bern, Switzerland) Nicolas Brugger (Bern, Switzerland)
11:05 - 11:10	Team Lausanne - 'How did I...' Pierre Monney (Lausanne, Switzerland) Olivier Muller (Lausanne, Switzerland) René Prêtre (Lausanne, Switzerland)
	Closing
11:10 - 11:15	Closing Remarks Patric Biaggi (Zurich, Switzerland) Pierre Monney (Lausanne, Switzerland)



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08:30 - 11:15

Postgraduate Course, Kairo 1-2

Heart failure

Chair: Roger Hullin (Lausanne, Switzerland)
Chair: Micha Maeder (St.Gallen, Switzerland)

08:30 - 08:55

Diabetes in HFpEF and HFrEF - effects on cardiovascular outcome, clinical and echocardiographic outcomes

Tobias Traupe (Bern, Switzerland)

08:55 - 09:20

The clinical relevance of the different phenotypes of HFpEF

Micha Maeder (St.Gallen, Switzerland)

09:20 - 09:45

Impact of body mass index on the measurement of brain-natriuretic peptides with HFrEF

Philippe Meyer (Geneva, Switzerland)

09:45 - 10:10

Beta blocker treatment in heart failure patients with chronic obstructive pulmonary disease

Julien Regamey (Lausanne, Switzerland)

10:10 - 10:35

Options in refractory fluid overload in HF patients

Patrick Yerly (Lausanne, Switzerland)

08:45 - 11:15

Postgraduate Course, Shanghai 1

How (not) to write a medical paper - a dedicated SCOT/YSCSC Session

Chair: Laura Rings (Zurich, Switzerland)
Chair: Serban Puricel (Fribourg, Switzerland)

08:45 - 09:30

How to write a medical paper

John Jarcho (Boston, United States)

09:30 - 10:15

How not to write a medical paper

Markus Heinemann (Mainz, Germany)

10:15 - 10:40

Discussion

Assembly, Lima

Board Meeting Swiss Society of Cardiology

Chair: Michael Zellweger (Basel, Switzerland)
Chair: Giovanni Pedrazzini (Lugano, Switzerland)



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Assembly, Lima

Meeting scientific programme committee 2019

Chair: Michel Zuber (Zurich, Switzerland)
Chair: Marjam Rüdiger-Stürchler (Basel, Switzerland)

Assembly, Shanghai 2

Assembly: Young Swiss Cardiac Surgeons Club

Chair: Alicja Zientara (Zurich, Switzerland)

Assembly, Darwin

Assembly: SCPRS

Chair: Matthias Hermann (Wald, Switzerland)

Assembly, Boston 1-3

Assembly: Working Group Echocardiography and Cardiac Imaging

Chair: Beat Kaufmann (Basel, Switzerland)

Assembly, Kairo 1-2

Assembly: Working Group AGLA

Chair: Hans Jürg Beer (Baden, Switzerland)

Assembly, Shanghai 1

Assembly: Interventional cardiology

Chair: Peter Wenaweser (Zurich, Switzerland)

Assembly, Shanghai 3

Assembly: Swiss Cardiologists of Tomorrow SCOT

Chair: Leonardo Glutz von Blotzheim (Zürich, Switzerland)



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Assembly, Shanghai 2

General Assembly Swiss Society of Cardiac Surgery

Chair: Michele Genoni (Zurich, Switzerland)
Chair: Friedrich Eckstein (Basel, Switzerland)

Assembly, Boston 1-3

Assembly: Pacemaker and electrophysiology

Chair: Firat Duru (Zurich, Switzerland)

Assembly, Kairo 1-2

Assembly: Swiss Council for Cardiology Practice

Chair: Mihael Potocki (Dietikon, Switzerland)

Assembly, Shanghai 3

Assembly: Working Group Heart Failure

Chair: Roger Hullin (Lausanne, Switzerland)

Assembly, Darwin

Assembly: Working Group WATCH

Chair: Matthias Greutmann (Zurich, Switzerland)

14:00 - 15:30	SSC Track, Boston 1-3
	Main session: 70years SSC anniversary session
	Chair: Leonardo Glutz von Blotzheim (Zürich, Switzerland)
	Chair: Wilhelm Rutishauser (Cologne, Switzerland)
14:00 - 14:20	Congenital cardiology
	Joëlle Günthard (Basel, Switzerland)
14:20 - 14:40	40 years PCI
	Bernhard Meier (Bern, Switzerland)
14:40 - 15:00	70 years in cardiac rehabilitation in Switzerland and Europe - from history to new horizons
	Hugo Saner (Bern, Switzerland)



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15:00 - 15:20

50 years of heart transplantation

Marko Turina (Zurich, Switzerland)

15:20 - 15:30

Discussion

14:00 - 15:30

SSC Track, Kairo 1-2

Multi-modality imaging in the assessment of prosthetic valves

Chair: Simon Koestner (Morges, Switzerland)

Chair: Stefano Muzzarelli (Lugano, Switzerland)

14:00 - 14:20

Echocardiography

Raluca Elena Dulgheru (Liège, Belgium)

14:20 - 14:40

Role of cardiac CT and nuclear imaging for endocarditis

Ronny Büchel (Zurich, Switzerland)

14:40 - 15:00

How to diagnose thrombosis/problems of thrombosed heart valves

Stefano de Marchi (Bern, Switzerland)

15:00 - 15:20

Durability issues or which valve type for which patient?

Eva Roost-Krähenbühl (Bern, Switzerland)

15:20 - 15:30

Discussion

14:00 - 15:30

Abstract Session, Shanghai 1

SSC rapid fire abstract session: Acute Coronary Syndrome (ACS), Percutaneous Coronary Intervention (PCI), Coronary Artery Bypass Graft surgery (CABG)

14:00 - 14:07

O01

Direct comparison of the 0/1h- and 0/3h-algorithm for early rule-out of acute myocardial infarction

Patrick Badertscher (Basel, Switzerland)

14:07 - 14:14

O02

Impact of age on the performance of the ESC 0/1h-algorithms for early diagnosis of myocardial infarction

Jasper Boeddinghaus (Basel, Switzerland)

14:14 - 14:21

O03

High rates of target lesion failure with a magnesium-based, sirolimus-eluting bioresorbable vascular scaffold during long-term follow-up: Insights from an all-comer, multicenter registry

Matthias Bossard (Hamilton, ON, Canada)

14:21 - 14:28

O04

Diagnostic performance of quantitative flow ratio in intermediate coronary artery lesions: a real-world single-centre experience

Barbara Stähli (Zürich, Switzerland)



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14:28 - 14:35	O05	Cysteine-rich angiogenic inducer 61 (Cyr61) in combination with established biomarkers improves GRACE risk score to predict all-cause mortality in ACS patients Roland Klingenberg (Bad Nauheim, Germany)
14:35 - 14:42	O06	Trends in the prescription of secondary prevention medication at hospital discharge after myocardial infarction Fabienne Witassek (Zurich, Switzerland)
14:42 - 14:49	O07	Influence of pretreatment with aspirin or statins or both on clinical presentation as well as infarct size and inflammation in patients with de novo acute coronary syndromes Lukas Weidmann (Zürich, Switzerland)
14:49 - 14:56	O08	Intraoperative endoluminal quality control of saphenous vein grafts with optical coherence tomography in coronary artery bypass grafting Laura Rings (Zurich, Switzerland)
14:56 - 15:03	O10	Functional assessment of myocardial ischemia by intracoronary electrocardiogram Marius Reto Bigler (Bern, Switzerland)
15:03 - 15:10	O11	Diagnostic changes in heart sounds and acoustic cardiography parameters during acute myocardial ischemia in a porcine model Shingo Kuwata (Zurich, Switzerland)
15:10 - 15:17	O12	Coronary artery bypass grafting in patients with ST-segment elevation myocardial infarction - characteristics, timing and outcomes: insights from the TOTAL trial Matthias Bossard (Hamilton, ON, Canada)
SSCS Track, Shanghai 2		
14:00 - 15:30		Joint Session Swiss Society of Perfusion & AG KAPT: Ethical aspects during mechanical circulatory support Chair: Christian Seidl (Bern, Switzerland) Chair: Gaby Stoffel (Zurich, Switzerland)
14:00 - 14:25		ECMO, Impella... - reasons to stop the therapy Andreas Bloch (Bern, Switzerland)
14:25 - 14:50		From bridges to nowhere to advance care planning Tanja Krones (Zurich, Switzerland)
14:50 - 15:15		Examples from daily routine... where is the limit ... Jolanda Consiglio (Bern, Switzerland)
15:15 - 15:30		Discussion



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16:00 - 17:30

SSC Track, Boston 1-3

10 years of TAVI in CH

Chair: Christoph Huber (Geneva, Switzerland)
Chair: Peter Wenaweser (Zurich, Switzerland)

16:00 - 16:10

7 Years Swiss TAVI registry: Principle findings and comparison with other European registries

Stefan Stortecky (Bern, Switzerland)

16:10 - 16:20

How to avoid PVL and definitive PM Implantation

Stefan Toggweiler (Luzern, Switzerland)

16:20 - 16:30

Does frailty matter?

Andreas Schönenberger (Bern, Switzerland)

16:30 - 16:40

Off-label use and future use of TAVI devices

Stéphane Noble (Geneva, Switzerland)

16:40 - 16:50

TAVI for low risk patients - Never

Denis Berdajs (Basel, Switzerland)

16:50 - 17:00

TAVI for low risk patients - If feasible, yes

Igal Moarof (Aarau, Switzerland)

17:00 - 17:15

Live in a box: Case from the department of heart surgery, Basel

Oliver Reuthebuch (Basel, Switzerland)

17:15 - 17:30

Discussion

16:00 - 17:30

SSC Track, Kairo 1-2

Main session: President's session

Chair: Giovanni Pedrazzini (Lugano, Switzerland)
Chair: Michael Zellweger (Basel, Switzerland)

16:00 - 16:20

Frequently asked questions in heart failure

Frank Ruschitzka (Zurich, Switzerland)

16:20 - 16:40

Leading by example - sports cardiology for my patient and myself!

Christian Schmied (Zürich, Switzerland)

16:40 - 17:20

Crash into life - a call for a self-determined life

Rudolf Wötzel (Zürich, Switzerland)

17:20 - 17:30

Discussion



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		Abstract Session, Shanghai 1
16:00 - 17:00		SSC abstract session: Clinical Cases you don't want to miss Chair: Jacqueline Landolt (Morges, Switzerland) Chair: Hansjörg Meier (Zofingen, Switzerland)
16:00 - 16:10	O13	Chest pain in a young runner Julia Christ (Luzern, Switzerland)
16:10 - 16:20	O14	Cardiac metastasis of a lung adenocarcinoma manifesting as an electrical storm Valentina Delfine (Lausanne, Switzerland)
16:20 - 16:30	O15	Aortic transcatheter heart valve thrombosis in a setting of Vaquez disease Nils Perrin (Geneva, Switzerland)
16:30 - 16:40	O16	Successful aortic valve repair by modified Ozaki procedure 2 years after arterial switch operation Kamran Ahmadov (Lausanne, Switzerland)
		SSCS Track, Shanghai 2
16:00 - 17:15		Senning Lecture & SSC Medtronic Young Investigators Prize Lecture Chair: Michele Genoni (Zurich, Switzerland) Chair: Friedrich Eckstein (Basel, Switzerland)
16:00 - 16:40		Senning Lecture: Medicine of excellence in Africa: ten years' experience of the EMERGENCY's Salam Centre for Cardiac Surgery Gino Strada (Milano, Italy)
16:40 - 16:55		Medtronic Young Investigators Award presentation
		SSC Track, Kairo 1-2
17:30 - 18:15		Main session: Andreas Grüntzig Lecture From past to future in cardiovascular care and research in Ticino Chair: Urs Kaufmann (Bern, Switzerland) Chair: Thomas Lüscher (Zurich, Switzerland)
17:30 - 18:05		Andreas Grüntzig Lecture Tiziano Moccetti (Lugano, Switzerland)
18:05 - 18:15		Discussion



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		SSC Track, Shanghai 2
17:30 - 18:30		PFO - new evidence for closure
		Chair: Stéphane Cook (Freiburg, Switzerland) Chair: Fabian Nietlispach (Zurich, Switzerland)
17:30 - 17:45		Every PFO should be closed
		Bernhard Meier (Bern, Switzerland)
17:45 - 18:00		Only few PFOs should be closed
		Patrick Michel (Lausanne, Switzerland)
18:00 - 18:15		Closure techniques/device selection
		Raban Jeger (Basel, Switzerland)
18:15 - 18:30		Post closure management and re-does
		Lorenz Räber (Bern, Switzerland)
		Abstract Session, Shanghai 3
17:30 - 18:30		SSC rapid fire abstract session: Thromboembolic disease, epidemiology, risk factors, rehabilitation
17:30 - 17:37	O17	The novel adipokine C1QTNF1 significantly predicts the incidence of future major cardiovascular events in patients with type 2 diabetes
		Heinz Drexel (Feldkirch, Austria)
17:37 - 17:44	O18	Elevated parathyroid hormone is associated with an increased mortality risk in type 2 diabetes
		Heinz Drexel (Feldkirch, Austria)
17:44 - 17:51	O19	Age at start of endurance training is associated with patterns of left ventricular hypertrophy in middle-aged runners
		Christoph Ryffel (Bern, Switzerland)
17:51 - 17:58	O20	Prognostic value of elevated lipoprotein(a) in patients with acute coronary syndromes
		Baris Gencer (Geneva, Switzerland)
17:58 - 18:05	O21	Prognostic values of fasting hyperglycaemia in nondiabetic patients with acute coronary syndromes: a prospective cohort study
		Baris Gencer (Geneva, Switzerland)
18:05 - 18:12	O22	Impact of cardiac rehabilitation referral on 1 year outcome after discharge of patients with acute myocardial infarction
		Matthias Hermann (Wald, Switzerland)
18:12 - 18:19	O23	Inpatient costs of atrial fibrillation and related comorbidities
		Fabienne Witassek (Zurich, Switzerland)



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Assembly, Kairo 1-2

General Assembly Swiss Society of Cardiology

Chair: Michael Zellweger (Basel, Switzerland)

Chair: Giovanni Pedrazzini (Lugano, Switzerland)

Public Lecture, Boston 1-3

19:00 - 20:30

Öffentliche Vortragsveranstaltung: Herzklappe defekt - was tun?

19:00 - 19:15

Die Schweizerische Herzstiftung ist für Sie da
Robert C. Keller (Switzerland)

19:15 - 20:15

Behandlung von Herzklappenerkrankungen
Raban Jeger (Basel, Switzerland)
Oliver Reuthebuch (Basel, Switzerland)

20:15 - 20:30

Diskussion und Fragen aus dem Publikum
Andreas Hoffmann (Basel, Switzerland)



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Thursday, 07 June 2018

08:00 - 08:45	SSC Track, Kairo 1-2 Cardio-oncology - what should the general cardiologist know? Chair: Mauro Capoferri (Lugano, Switzerland) Chair: Remy Chenevard (Herisau, Switzerland)
08:00 - 08:15	Before Cancer Treatment Christian Matter (Zurich, Switzerland)
08:15 - 08:30	During cancer treatment Thomas Suter (Bern, Switzerland)
08:30 - 08:45	After cancer treatment Michelle Martinelli (Bern, Switzerland)
08:00 - 08:45	Nursing and Allied Professions Track, Shanghai 3 Fallberichte (Case reports) Chair: Sandra Pfeiffer (Bern, Switzerland) Chair: Lukas Weibel (Basel, Switzerland)
08:00 - 08:15	Chylothorax-Kinderhaut-Pflege Rahel Gnägi (Zürich, Switzerland)
08:15 - 08:30	Patientenmund tut Wahrheit kund: Fallbericht eines überraschenden Beratungsgesprächs Emmanuelle Jacquier (Bern, Switzerland)
08:30 - 08:45	Therapieabbruch nach Stroke bei LVAD-Destination Versorgung Eva-Maria Höhn (Zürich, Switzerland)
08:15 - 08:45	Satellite Symposium, Shanghai 1 CryoLife Europa
08:15 - 08:45	Independent Consultant in Cardiothoracic Medical Devices John McKenna (Edinburgh, United Kingdom)
09:00 - 10:30	SSC Track, Boston 1-3 Main session: Past, present and future of cardiac imaging Chair: Beat Kaufmann (Basel, Switzerland) Chair: Hajo Müller (Geneva, Switzerland)



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09:00 - 09:25 **50 years of echocardiography : increasing role in clinical management**
Luc Pierard (Liège, Belgium)

09:25 - 09:50 **Cardiac MRI**
Eike Nagel (Frankfurt, Germany)

09:50 - 10:15 **Cardiac CT and nuclear imaging**
Philipp Kaufmann (Zürich, Switzerland)

10:15 - 10:30 **Discussion**

09:00 - 10:30 **Advances in anti-atherosclerotic therapies**
SSC Track, Kairo 1-2
Chair: Walter F. Riesen (Diessenhofen, Switzerland)
Chair: Nicolas Rodondi (Bern, Switzerland)

09:00 - 09:20 **PCSK9 Inhibition (FOURIER, Odyssey)**
Christian Müller (Basel, Switzerland)

09:20 - 09:40 **CETP inhibition (REVEAL, ACCELERATE)**
David Nanchen (Lausanne, Switzerland)

09:40 - 10:00 **IL1 beta inhibition (CANTOS)**
François Mach (Geneva, Switzerland)

10:00 - 10:20 **Upcoming targets (antisense and siRNAs)**
Ulf Landmesser (Berlin, Germany)

10:20 - 10:30 **Discussion**

09:00 - 10:15 **Philips - The Patient is the most underutilised resource within our healthcare system - driving value in clinical settings**
Satellite Symposium, Shanghai 1

09:00 - 09:20 **Driving value in clinical settings**
Gerald Poetzsch (Andover, United States)

09:20 - 09:50 **Panel discussion: The patient is the most underutilized resource within our healthcare system - driving value in clinical settings**
Angelo Auricchio (Lugano, Switzerland)
Gerald Poetzsch (Andover, United States)
Robert Manka (Zurich, Switzerland)

09:50 - 10:00 **Q&A**
Marina Villa (Zurich, Switzerland)



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09:00 - 10:30

SSCS Track, Shanghai 2

Valve reconstruction

Chair: Christoph Huber (Geneva, Switzerland)
Panel: Enrico Ferrari (Lugano, Switzerland)
Panel: Piergiorgio Tozzi (Lausanne, Switzerland)
Panel: Jasmin Shahinian (Basel, Switzerland)

09:00 - 09:15

Tri- and Bicuspid Aortic Valve Repair

Omer Dzemali (Zurich, Switzerland)

09:15 - 09:30

New Concepts in Aortic Valve Repair

Alberto Weber (Zurich, Switzerland)

09:30 - 09:45

Still the forgotten valve? When and how to reconstruct the tricuspid valve

Peter Matt (Luzern, Switzerland)

09:45 - 10:00

Mitral valve repair: Median sternotomy is still the gold standard!

Lars Englberger (Bern, Switzerland)

10:00 - 10:15

Mitral valve repair: Minimal invasive anterolateral thoracotomy is the new state of the art!

Martin Grapow (Basel, Switzerland)

10:15 - 10:30

Discussion

09:00 - 10:30

Nursing and Allied Professions Track, Shanghai 3

From medical assistants to advanced practice nurses: The history of Swiss cardiovascular nursing

Chair: Cornelia Bläuer (Basel, Switzerland)
Chair: Eva Horvath (Zurich, Switzerland)

09:00 - 09:15

How everything started: Medical Assistants in Cardiology

Hetty van Hoeven (Zurich, Switzerland)

09:15 - 09:30

Evolution to the Working Group for Cardiovascular Nurses and Allied Professionals (AG-KAPT)

Marcia Leventhal (Pfeffingen, Switzerland)

09:30 - 09:45

Establishing nursing specialties (AFG Kardiologie)

Nicole Zigan (Winterthur, Switzerland)

09:45 - 10:05

Nursing within the European Society of Cardiology

Christi Deaton (Cambridge, United Kingdom)

10:05 - 10:30

Podium discussion: Realizing the full potential of cardiovascular nurses



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Abstract Session, Darwin

09:00 - 10:30

SSC rapid fire abstract session: Pacemaker, defibrillator and electrophysiology

Chair: Richard Kobza (Luzern, Switzerland)
Chair: Mehdi Namdar (Geneva, Switzerland)

09:00 - 09:07

O24

New onset of phrenic nerve palsy after laser-assisted transvenous lead extraction: a single-center experience

Tardu Özkartal (Lugano, Switzerland)

09:07 - 09:14

O25

A potential mechanism of Torsades de Pointes tachycardia in atrioventricular block

Ardan Saguner (Zurich, Switzerland)

09:14 - 09:21

O26

Genetic testing in cardiac arrest survivors with or without clinical evidence of cardiac disease: a Swiss experience

Babken Asatryan (Bern, Switzerland)

09:21 - 09:28

O27

Prospective validation of diagnostic and prognostic syncope scores in the emergency department

Jeanne du Fay de Lavallaz (Basel, Switzerland)

09:28 - 09:35

O28

Electroanatomical characteristics of dual-loop atypical atrial flutters

Nicolas Johner (Geneva, Switzerland)

09:35 - 09:42

O29

Predicting mortality among implantable defibrillator patients treated with cardiac resynchronization therapy: derivation and validation of a risk estimation model

Beat Schär (Basel, Switzerland)

09:42 - 09:49

O30

Cardiac Resynchronization Therapy (CRT) II Survey: Swiss CRT-implantation practice in the European context

Ivan Zeljkovic (Basel, Switzerland)

09:49 - 09:56

O31

Importance of true left bundle branch block in cardiac resynchronization therapy

Beat Schär (Basel, Switzerland)

09:56 - 10:03

O32

Prevalence and management of atrial thrombus in patients with atrial fibrillation undergoing transesophageal echocardiography before pulmonary vein isolation

Michael Kühne (Basel, Switzerland)

10:03 - 10:10

O33

Man vs. machine: comparison of manual vs. automated 12-lead ECG prediction of the origin of idiopathic ventricular arrhythmias to guide catheter ablation

Ramin Ebrahimi (Basel, Switzerland)

10:10 - 10:17

O34

Incidence of diaphragmatic myopotential oversensing in patients with Sorin/LivaNova ICDs

Samuel Baldinger (Bern, Switzerland)

10:17 - 10:24

O35

Evolution of post-pulmonary vein isolation atrial fibrillation inducibility at redo ablation: electrophysiological evidence of progression

Nicolas Johner (Geneva, Switzerland)



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10:30 - 11:30

Satellite Symposium, Shanghai 1

CytoSorbents Switzerland GmbH - CytoSorb Therapy: New options to prevent and treat inflammatory and other complications in cardiac surgery

Chair: Oliver Reuthebuch (Basel, Switzerland)

10:30 - 10:50

Pre-emptive application of cytokine hemoadsorption during heart transplantation

Endre Nemeth (Budapest, Hungary)

10:50 - 11:10

Ticagrelor removal using sorbent hemadsorption to reduce bleeding complications during open-heart emergency operations

Kambiz Hassan (Hamburg, Germany)

11:10 - 11:30

CytoSorb Treatment Approaches in Cardiac Surgery

Karl Träger (Ulm, Germany)

11:00 - 12:30

SSC Track, Boston 1-3

Joint ESC-SSC/SSCS guidelines session

Chair: Stephan Windecker (Bern, Switzerland)

Chair: Patrick Badertscher (Basel, Switzerland)

11:00 - 11:20

Focused update on Dual Antiplatelet Therapy (DAPT)

Marco Valgimigli (Bern, Switzerland)

11:20 - 11:40

Diagnosis and treatment of peripheral arterial diseases

Lucia Mazzolai (Lausanne, Switzerland)

11:40 - 12:00

Management of valvular heart disease

Volkmar Falk (Berlin, Germany)

12:00 - 12:20

Management of acute myocardial infarction in patients presenting with ST-segment elevation

Stefan James (Uppsala, Sweden)

12:20 - 12:30

Discussion

11:00 - 12:30

SSC Track, Kairo 1-2

Intervention in functional mitral valve regurgitation

Chair: Friedrich Eckstein (Basel, Switzerland)

Chair: Giorgio Moschovitis (Lugano, Switzerland)

11:00 - 11:20

The surgical approach

Lars Englberger (Bern, Switzerland)

11:20 - 11:40

The percutaneous approach

Francesco Maisano (Zurich, Switzerland)



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11:40 - 12:00

The imaging specialist's view

Francesco Faletra (Lugano, Switzerland)

12:00 - 12:20

The heart failure specialist's view

Roger Hullin (Lausanne, Switzerland)

12:20 - 12:30

Discussion

11:00 - 12:30

Abstract Session, Shanghai 2

SSCS Abstract session

Chair: Dominique Delay (Sion, Switzerland)

11:00 - 11:10

O36

Cardiac ischemia-reperfusion: endothelial function affected more rapidly than contractile performance in a rat model of donation after circulatory death

Natalia Méndez Carmona (Bern, Switzerland)

11:10 - 11:20

O37

Mid-term outcomes after minimally invasive mitral valve surgery through a right anterior mini-thoracotomy over 75 years of age

Mathias Van Hemelrijck (Zürich, Switzerland)

11:20 - 11:30

O38

Early percutaneous coronary intervention after coronary artery bypass grafting - does it have an impact to the outcome?

Laura Rings (Zurich, Switzerland)

11:30 - 11:40

O39

Myocardial Protection System MPS® in conjunction with minimal extracorporeal circulation system MiECC using a dose/volume dependent cardioplegic solution in CABG surgery

Luca Koechlin (Basel, Switzerland)

11:40 - 11:50

O40

Late migration of an amplatzer septal occluder (ASO) device for closure of atrial septal defect (ASD) into the outflow tract of the left ventricle

Anna Nowacka (Lausanne, Switzerland)

11:50 - 12:00

O41

Left innominate vein pseudoaneurysm - surgical treatment of a rare but relevant complication after central line insertion

Alexandre Pelouze (Geneva, Switzerland)

11:00 - 12:30

Nursing and Allied Professions Track, Shanghai 3

Dealing with chronic diseases: The changes over time and the family perspective

Chair: Susanne Lerch (Bern, Switzerland)

Chair: Gaby Stoffel (Zurich, Switzerland)

11:00 - 11:20

Neurodevelopment in congenital heart disease

Bea Latal (Zurich, Switzerland)

Scientific Programme

11:20 - 11:40		Outcome after ECMO-Therapie in children and adults Martin Schweiger (Zurich, Switzerland)
11:40 - 12:00		Families living with neuromuscular diseases - The impact on family life Veronika Waldböth (Winterthur, Switzerland)
12:00 - 12:20		Cardiac Rehabilitation: What can really be transferred into daily life? Katrin Vogt (Barmelweid, Switzerland)
12:20 - 12:30		Discussion
11:00 - 13:00		Abstract Session, Darwin SSC abstract session: Preclinical study Chair: Nathalie Rosenblatt (Lausanne, Switzerland)
11:00 - 11:10	O42	Rheumatoid arthritis and stroke - study of the role of chronic inflammation in ischemia/reperfusion brain injury Nicole Bonetti (Schlieren, Switzerland)
11:10 - 11:20	O43	Activated protein-1 transcription factor JunD regulates the inflammatory response in a murine model of stroke Candela Diaz Canestro (Schlieren, Switzerland)
11:20 - 11:30	O44	Deleterious role of endothelial lectin-like oxidized low-density lipoprotein receptor-1 in ischemia/reperfusion-induced cerebral injury Luca Liberale (Schlieren, Switzerland)
11:30 - 11:40		Q & A
11:40 - 11:50	O45	The AP-1 member JunD drives myocardial steatosis and obesity cardiomyopathy Sarah Costantino (Schlieren, Switzerland, Switzerland)
11:50 - 12:00	O46	Assisted reproductive technologies increase the morphological and functional severity of stroke in mice by increased oxidative stress Nicole Bonetti (Schlieren, Switzerland)
12:00 - 12:10	O47	Age-dependent platelet changes and their putative role for stroke in a mouse model of aging Nicole Bonetti (Schlieren, Switzerland)
12:10 - 12:20		Q & A
12:20 - 12:30	O48	Cardiac mitochondrial integrity at early reperfusion predicts post-ischemic functional recovery Rahel Kathrin Wyss (Bern, Switzerland)
12:30 - 12:40	O49	Assisted reproductive technologies induce left ventricular hypertrophy and systolic dysfunction in mice Theo Meister (Bern, Switzerland)



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Scientific Programme

12:40 - 12:50	O50	Cardioprotection after ischemia-reperfusion injury: underlying molecular and metabolic mechanisms in an isolated rat heart model of donation after circulatory death Maria Arnold (Bern, Switzerland)
12:50 - 13:00		Q & A
11:30 - 12:30		Satellite Symposium, Shanghai 1 Johnson & Johnson AG - Latest Evidence & Developments in the Ablation of Complex Arrhythmias: From the Atria to the Ventricle Chair: Firat Duru (Zurich, Switzerland) Chair: Christian Sticherling (Basel, Switzerland)
11:30 - 11:40		Ablation of Atrial Fibrillation Tobias Reichlin (Basel, Switzerland)
11:40 - 11:50		Ablation of Complex Atrial Tachycardias
11:50 - 12:00		Ablation of Premature Ventricular Complexes and Ventricular Tachycardias Christian Sticherling (Basel, Switzerland)
12:30 - 13:30		Satellite Symposium, Kairo 1-2 Bayer (Schweiz AG) - The horizon of vascular protection and beyond Chair: Giovanni Pedrazzini (Lugano, Switzerland)
12:30 - 12:40		Welcome Giovanni Pedrazzini (Lugano, Switzerland)
12:40 - 12:55		The rise of NOACS in stroke prevention for patients with Afib
12:55 - 13:15		A new dawn in vascular protection for patients with chronic CAD Hans Rickli (St.Gallen, Switzerland)
13:15 - 13:30		Q & A Giovanni Pedrazzini (Lugano, Switzerland) Alexander Breitenstein (Zurich, Switzerland) Hans Rickli (St.Gallen, Switzerland)

Scientific Programme

12:30 - 13:30

Satellite Symposium, Shanghai 2

Novartis - New learnings for the management of heart failure and atherosclerosis

Chair: François Mach (Geneva, Switzerland)

12:30 - 12:35

Welcome and Introduction

François Mach (Geneva, Switzerland)

12:35 - 13:05

Challenging clinical scenarios in “apparently stable” heart failure

Micha Maeder (St.Gallen, Switzerland)

Otmar Pfister (Basel, Switzerland)

13:05 - 13:20

Targeting inflammation in cardiovascular disease

François Mach (Geneva, Switzerland)

13:20 - 13:30

Panel discussion & questions from the audience - Impact on daily clinical practice

François Mach (Geneva, Switzerland)

Micha Maeder (St.Gallen, Switzerland)

Otmar Pfister (Basel, Switzerland)

12:30 - 13:30

Poster Session, Poster Exhibition

Posterwalk I. Pacemaker, defibrillator and electrophysiology

Chair: Etienne Delacretaz (Lausanne, Switzerland)

Chair: François Regoli (Lugano, Switzerland)

P01

Stand-alone atrial fibrillation surgery in a Swiss arrhythmia heart team program

Nina Buchholz (Zurich, Switzerland)

P02

Repetitive zero-energy shocks - an unusual ICD-troubleshooting

Leonardo Glutz von Blotzheim (Zürich, Switzerland)

P03

A novel technique for performing transseptal puncture guided by a non-fluoroscopic 3D mapping system

Alexander Breitenstein (Zurich, Switzerland)

P04

The importance of cascade screening for determining the pathogenicity of a rare KCNH2 variant in a family with the short QT phenotype

Boldizsar Kovacs (Zurich, Switzerland)

P05

Predicting defibrillator benefit in patients with cardiac resynchronization therapy: a competing risks study

Beat Schär (Basel, Switzerland)

P06

Novel relocation methods for automatic external defibrillator improve out-of-hospital cardiac arrest coverage under limited resources

Maria Luce Caputo (Lugano, Switzerland)

Scientific Programme

- P07** **Prevalence of intra-atrial conduction delay in patients with atrial fibrillation and atrial flutter compared to patients with supraventricular tachycardia - impact of age and antiarrhythmic drugs**
Florian Spies (Basel, Switzerland)
- P08** **Prevalence of atrial fibrillation in patients undergoing ablation for typical atrial flutter in Switzerland**
Jan Novak (Solothurn, Switzerland)
- P09** **Determinants of the pacing energy consumption of the Micra Transcatheter Pacing system**
Andreas Häberlin (Bern, Switzerland)
- P10** **Eliminating the trigger for polymorphic ventricular tachycardia by radiofrequency catheter ablation**
Nadine Molitor (Zurich, Switzerland)
- P11** **Outcome, safety and efficacy with ablation index-guided pulmonary vein isolation compared with force-time integral-guided ablation using surround flow catheter tip irrigation for the treatment of atrial fibrillation**
Vanessa Weberndörfer (Luzern, Switzerland)
- P12** **Recurrence after ablation of persistent atrial fibrillation occurs in patients with severe bi-atrial electro-anatomical remodeling**
Adrian Luca (Lausanne, Switzerland)
- P13** **The Medtronic Sprint Fidelis (®) lead history revisited**
Beat Schär (Basel, Switzerland)
- P14** **Unexplained cardiac arrest: a tale of conflicting interpretations of KCNQ1 genetic test results**
Helge Servatius (Bern, Switzerland)

Poster Session, Poster Exhibition

12:30 - 13:30

Posterwalk I. Heart failure, valvulopathy and heart replacement therapy

Chair: Andreas Flammer (Zurich, Switzerland)
Chair: Philippe Meyer (Geneva, Switzerland)

- P25** **Comparative analysis of the clinical results of HeartMate 3 and HeartWare as bridge to transplant treatment: are centrifugal pumps all the same?**
Piergiorgio Tozzi (Lausanne, Switzerland)
- P26** **Prognostic value of renal dysfunction in patients with left ventricular non-compaction cardiomyopathy**
Simon Stämpfli (Luzern, Switzerland)
- P27** **Initial experience of robotic mitral valve surgery**
Mathias Van Hemelrijck (Zürich, Switzerland)

Scientific Programme

- P28 Decellularized fresh pulmonary homografts for pulmonary valve replacement: initial experience with the ESPOIR valve**
Martin Schmiady (Zurich, Switzerland)
- P29 Percutaneous edge-to-edge repair in functional mitral regurgitation: impact of symmetric and asymmetric leaflet tethering on outcome**
Matthias Pfister (Winterthur, Switzerland)
- P30 Dosing patterns and evolution of clinical parameters in patients prescribed sacubitril/valsartan in Germany**
Bianca Fay (Rotkreuz, Switzerland)
- P31 Cytokine activation, epicardial adipose tissue, and diastolic function in the general population**
Roger Hullin (Lausanne, Switzerland)
- P32 Diaphragmatic stimulation effects on cardiovascular function - a new acute porcine heart failure model**
Matteo Saccocci (Zurich, Switzerland)

12:30 - 13:30

Poster Session, Poster Exhibition

Posterwalk I. Thromboembolic disease, epidemiology, risk factors, rehabilitation

Chair: Jean-Paul Schmid (Barmelweid, Switzerland)

- P15 Targeted metabolomics identifies elevated serotonin levels in carriers of a TCF7L2 diabetes-risk allele**
Heinz Drexel (Feldkirch, Austria)
- P16 Betatrophin is associated with type 2 diabetes and markers of insulin resistance**
Heinz Drexel (Feldkirch, Austria)
- P17 The visceral adiposity index predicts cardiovascular events both in cardiovascular disease patients with and in those without diabetes**
Heinz Drexel (Feldkirch, Austria)
- P18 Incidence and risk factors for all-cause hospitalizations in patients with atrial fibrillation: a systematic review and meta-analysis**
Pascal Meyre (Basel, Switzerland)
- P19 From aortic morphology to diagnosis and indication for surgery**
Susanna Grego (Lugano, Switzerland)
- P20 CHADS Score in non-AF patients for the prediction of atrial cardiomyopathy**
Elena Elchinova (Bern, Switzerland)
- P21 Potential for morbidity compression in two healthy population samples. A cross-sectional observation**
Michel Romanens (Olten, Switzerland)



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- P22** **Incidence and clinical predictors for atrial fibrillation progression: a systematic review and meta-analysis**
Steffen Blum (Basel, Switzerland)
- P23** **Single and combined effects of peripheral artery disease and of type 2 diabetes mellitus on the risk of cardiovascular events in women**
Heinz Drexel (Feldkirch, Austria)
- P24** **Pro-B-type natriuretic peptide strongly predicts future cardiovascular events in cardiovascular disease patients with type 2 diabetes as well as in those without type 2 diabetes**
Heinz Drexel (Feldkirch, Austria)

SSC Track, Boston 1-3

13:30 - 14:30

eCardiology and eHealth: Chances and challenges

Chair: Hans Rickli (St.Gallen, Switzerland)

Chair: Hugo Saner (Bern, Switzerland)

13:30 - 13:50

eCardiology and eHealth: today and tomorrow

Hugo Saner (Bern, Switzerland)

13:50 - 14:10

mHealth in Cardiology: time to act?

Matthias Wilhelm (Bern, Switzerland)

14:10 - 14:30

ePublishing: How to publish and maximize the impact of your research

Pascal Meier (Geneva, Switzerland)

SSC Track, Kairo 1-2

13:30 - 14:30

The new American hypertension guidelines are meaningful

Chair: Isabella Sudano (Zurich, Switzerland)

Chair: Yves Allemann (Bulle, Switzerland)

13:30 - 13:50

Pro: The new American hypertension guidelines are meaningful

Thomas Dieterle (Liestal, Switzerland)

13:50 - 14:10

Contra: The new American hypertension guidelines are meaningful

Georg Noll (Zurich, Switzerland)

Satellite Symposium, Shanghai 1

13:30 - 14:30

Sanofi - ODYSSEY: A journey to long-term outcomes data for PCSK9 inhibition

Chair: Frank Ruschitzka (Zurich, Switzerland)

Chair: François Mach (Geneva, Switzerland)



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13:30 - 13:50

ODYSSEY Outcomes: study results

Christian Müller (Basel, Switzerland)

13:50 - 14:10

ODYSSEY Outcomes: impact on lipid management

Stephan Windecker (Bern, Switzerland)

14:10 - 14:30

PACMAN-AMI: biting its way through the atherosclerotic plaque

Lorenz Räber (Bern, Switzerland)

Assembly, Shanghai 3

Assembly Working Group for cardiovascular nurses and allied professionals

Chair: Corina Thomet (Bern, Switzerland)

13:30 - 14:30

Poster Session, Poster Exhibition

Posterwalk II. Heart failure, valvulopathy and heart replacement therapy

P33

The effects of cardiac allograft vasculopathy on intimal coronary artery wall thickness, myocardial fibrosis, and myocardial extracellular volume
Roger Hullin (Lausanne, Switzerland)

P34

Structure and organization of a multidisciplinary endovascular infection team
Michelle Frank (Zurich, Switzerland)

P35

Sutureless valve implantation in patients with large aortic annulus: does plication compromise outcomes?
Aurélien Roumy (Lausanne, Switzerland)

P36

Pulmonary hypertension in patients with severe aortic valve stenosis undergoing valve replacement - hemodynamic mechanisms and long-term prognostic impact
Lukas Weber (St. Gallen, Switzerland)

P37

Patients with severe aortic valve stenosis and concomitant atrial fibrillation have an adverse clinical and hemodynamic profile
Micha Maeder (St. Gallen, Switzerland)

P38

Nonsteroidal anti-inflammatory drug use in acute myopericarditis is safe - 12 months clinical follow-up
Marina Lovrinovic (Zürich, Switzerland)

P39

HeartMate 3 implantation via left antero-lateral thoracotomy to avoid re sternotomy in high risk patients
Raymond Pfister (Lausanne, Switzerland)

Scientific Programme

- P40** **Long-term outcome following percutaneous mitral valve repair with MitraClip: analysis of the initial experience at Cardiocentro Ticino**
Giorgia Garzoli (Lugano, Switzerland)

Poster Session, Poster Exhibition

13:30 - 14:30

Posterwalk II. ACS, PCI & CABG

- P66** **Trend towards higher rate of aspirin resistance after off pump coronary artery bypass surgery in diabetic patients**
Charlotte Wichmann (Zürich, Switzerland)
- P67** **Physical disability predicts mortality in elderly (≥ 80 years) patients undergoing percutaneous coronary intervention**
Barbara Stähli (Zürich, Switzerland)
- P68** **Effectiveness and safety of potent P2Y₁₂ inhibitors among stable CAD patients undergoing PCI in routine clinical practice**
Thomas Zanchin (Bern, Switzerland)
- P69** **Impact of accompanying dyspnea on differential diagnosis and outcome, and the diagnostic performance of the ECG and hs-cTn in chest pain patients**
Jasper Boeddinghaus (Basel, Switzerland)
- P70** **Revisiting unstable angina: novel insights regarding incidence, patient characteristics, pathophysiology and outcome**
Christian Puelacher (Basel, Switzerland)
- P71** **The role of procalcitonin, C-reactive protein and white blood cells in the differential diagnosis between SIRS and postoperative infection in cardiac surgery patients**
Daniele Brugnetti (Zürich, Switzerland)
- P72** **Differences in presentation and clinical outcomes between patients with acute myocardial infarction and right or left bundle branch block**
Matthias Meyer (Zurich, Switzerland)
- P73** **Optimal dosing of unfractionated heparin for percutaneous coronary interventions - a systematic review and meta-analysis of randomized trials**
Matthias Bossard (Hamilton, ON, Canada)
- P74** **Comparison of preoperative duplex sonographic findings with intraoperative direct assessment of greater saphenous vein grafts for qualified planning in coronary bypass surgery**
Devdas Thomas Inderbitzin (Zürich, Switzerland)
- P75** **High risk for blood transfusion in insulin-dependent diabetic patients undergoing off-pump coronary artery bypass graft surgery**
Daniele Brugnetti (Zürich, Switzerland)
- P76** **Impact of access site on bleeding complications and in-hospital ischemic events in ACS patients undergoing PCI**
Stéphane Noble (Geneva, Switzerland)

Scientific Programme

- P77** **Functional MRI of the central autonomic network among patients with cardiac syndrome X, Tako-Tsubo Cardiomyopathy and previous acute myocardial infarction**
Magdalena Cattaneo (Bellinzona, Switzerland)
- P78** **Effectiveness of PleuraFlow System active clearance technology in decreasing the rate of retained blood syndrome - intermediate results**
Vasileios Ntinopoulos (Zurich, Switzerland)

Poster Session, Poster Exhibition

13:30 - 14:30

Posterwalk II. Cardiac imaging

- P41** **Pulmonary valve preservation in Tetralogy of Fallot**
Raymond Pfister (Lausanne, Switzerland)
- P42** **Ventricular septum realignment using anterior partial direct closure of the ventricular septal defect in Tetralogy of Fallot**
Raymond Pfister (Lausanne, Switzerland)
- P43** **Extra pericardial modified Blalock-Taussig shunt by sternotomy in patients with a right-sided aortic arch**
Kamran Ahmadov (Lausanne, Switzerland)
- P44** **Long-term outcomes of carotid artery stenting in clinical practice**
Crochan OSullivan (Zürich, Switzerland)
- P45** **Use of coronary computed tomography angiography in clinical practice - single centre experience in Switzerland in the light of current recommendations based on pre-test probability considerations**
Micha Maeder (St.Gallen, Switzerland)
- P46** **Right coronary artery vessel wall MRI for the quantitative detection of cardiac allograft vasculopathy: a comparative pilot study versus optical coherence tomography**
Veronica Bianchi (Lausanne, Switzerland)

Poster Session, Poster Exhibition

13:30 - 14:30

Posterwalk II. Clinical cases

Chair: Philipp Weiss (Basel, Switzerland)

- P47** **Suggestive echo appearance driving work-up and leading to correct diagnosis: right heart failure due to carcinoid heart disease**
Ruben Schwarz (St. Gallen, Switzerland)
- P48** **Stress cardiomyopathy in a young woman after cesarean sectio - a case of acute heart failure with ultrafast recovery of severe left ventricular dysfunction**
Cristina M Pop (St. Gallen, Switzerland)

Scientific Programme

- P49 First report of stereotactic radio-ablation as salvage treatment for electrical storm in an intensive care patient**
Raphael Jumeau (Lausanne, Switzerland)
- P50 A fatal case of a 52-year-old woman with intractable coronary spasm, dissection and restenosis**
Magdalena Cattaneo (Bellinzona, Switzerland)
- P51 Intermittent body position dependent exit block in a patient with a leadless pacemaker**
Andreas Häberlin (Bern, Switzerland)
- P52 Unknown giant intracardiac mass on pacemaker leads**
Alberto Pozzoli (Zürich, Switzerland)
- P53 Tricuspid valve plasty with septal leaflet quadrangular resection after infective endocarditis**
Kamran Ahmadov (Lausanne, Switzerland)
- P54 Endovascular treatment of ascending aorta pseudo-aneurysm with superior vena cava compression following blunt chest trauma**
Sebastien Colombier (Sion, Switzerland)
- P55 Comprehensive coronary artery aneurysm assessment by CMR**
Kerstin Wustmann (Bern, Switzerland)
- P56 Discontinuation of oral anticoagulation after mechanical mitral valve replacement: searching for the valve through the thrombus**
Laura Rings (Zurich, Switzerland)
- P57 Complete-spontaneous ascending aorta remodeling after acute type-A dissection without surgical intervention**
Alexandre Pelouze (Geneva, Switzerland)
- P58 Implantation of a HeartMate 3 in a child with dilated cardiomyopathy**
Raymond Pfister (Lausanne, Switzerland)

Poster Session, Poster Exhibition

13:30 - 14:30

Posterwalk II. Congenital and pediatric cardiology

Chair: Maurice Beghetti (Geneva, Switzerland)
Chair: Alexander Kadner (Bern, Switzerland)

- P59 An unusual case of major hemoptysis: atypical form of Scimitar syndrome**
Mathias Possner (Zurich, Switzerland)
- P60 Mitral valve involvement in genetically confirmed connective tissue disease: data from a large Swiss cohort**
Francesca Bonassin Tempesta (Zurich, Switzerland)



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- P61** **Comparison between cardiac magnetic resonance and echocardiography for the evaluation of right ventricular function in patients with pulmonary hypertension**
Fabio Marsico (Bern, Switzerland)
- P62** **Use of IV iron in cyanotic patients with congenital heart disease and/or pulmonary hypertension**
Coralie Blanche (Lausanne/Geneva, Switzerland)
- P63** **Trisomy 21 and Eisenmenger syndrome in Switzerland - patient characteristics, treatment modalities and contemporary outcomes**
Judith Johannes (Bern, Switzerland)
- P64** **An important reason for fever in a young man with congenital heart disease**
Judith Schwaiger (Zurich, Switzerland)
- P65** **Fetal Cardiac Interventions: referral strategy, pregnancy and postnatal outcome**
Roland Weber (Zurich, Switzerland)

SSC Track, Boston 1-3

14:45 - 15:45

Strategy for improving out of hospital resuscitation

Chair: Stefan Osswald (Basel, Switzerland)
Chair: Martin Luginbühl (Bern, Switzerland)

14:45 - 15:00

The global resuscitation network

Claudio Benvenuti (Breganzona, Switzerland)

15:00 - 15:15

Impact of simplified resuscitation guidelines - lessons to be learned?

Gabor Sütsch (Zurich, Switzerland)

15:15 - 15:30

How can we further improve our results

Angelo Auricchio (Lugano, Switzerland)

15:30 - 15:45

Discussion

SSC Track, Kairo 1-2

14:45 - 15:45

Trouble shooting PM/ICD for general cardiologists

Panel: Laurence Bisch (Lausanne, Switzerland)
Panel: Maria Luce Caputo (Lugano, Switzerland)
Panel: Fabian Noti (Bern, Switzerland)
Chair: Andreas Rohner (Rheinfelden, Switzerland)

14:45 - 15:00

Case presentation - PM

Laurence Bisch (Lausanne, Switzerland)

15:00 - 15:15

Case presentation - ICD

Maria Luce Caputo (Lugano, Switzerland)



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15:15 - 15:30

Case presentation - CRT

Fabian Noti (Bern, Switzerland)

15:30 - 15:45

Discussion

14:45 - 15:45

Satellite Symposium, Shanghai 1

Amgen - How to optimise LDL-c management today?

Chair: Stephan Windecker (Bern, Switzerland)

14:45 - 14:50

Welcome and faculty introduction by the chairman

Stephan Windecker (Bern, Switzerland)

14:50 - 15:05

What is the unmet medical need resulting from high LDL-c?

Christian Müller (Basel, Switzerland)

15:05 - 15:20

How to identify patients with highest risk in daily practice?

Frank Ruschitzka (Zurich, Switzerland)

15:20 - 15:35

How to balance between science and health economics?

François Mach (Geneva, Switzerland)

15:35 - 15:45

Take-home message and closing remarks by the chairman

Stephan Windecker (Bern, Switzerland)

14:45 - 15:45

Nursing and Allied Professions Track, Shanghai 3

Workshop: Patient education

Chair: Irene Stalder (Zurich, Switzerland)

Chair: Nicole Zigan (Winterthur, Switzerland)

14:45 - 15:00

Self management in heart failure patients

Petra Schäfer-Keller (Fribourg, Switzerland)

15:00 - 15:15

Future challenges in patient education: from info leaflet to the APP

Corina Thomet (Bern, Switzerland)

15:15 - 15:30

The future of chronic care: a vision

Hans-Peter Brunner (Maastrich, Netherlands)

15:30 - 15:45

Discussion

16:00 - 17:05

Satellite Symposium, Shanghai 1

Boston Scientific & Daiichi Sankyo - When Heart Meets Brain (block 1)

Chair: René Prêtre (Lausanne, Switzerland)

Chair: Stephan Windecker (Bern, Switzerland)



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16:00 - 16:05

Welcome & introduction

René Prêtre (Lausanne, Switzerland)

16:05 - 16:25

Clinical Picture, Diagnosis, Screening and Treatment

Philippe Lyrer (Basel, Switzerland)

16:25 - 16:45

Heart failure and dementia - two of a kind?

Frank Ruschitzka (Zurich, Switzerland)

16:45 - 17:05

Minimizing Cerebrovascular Risk with and during Interventions

Francesco Maisano (Zurich, Switzerland)

16:15 - 17:45

SSC Track, Boston 1-3

Main session: Treatment of atherosclerosis

Chair: Georg Noll (Zurich, Switzerland)

Chair: David Nanchen (Lausanne, Switzerland)

16:15 - 16:40

Will statin treatment soon belong to the past?

Ulf Landmesser (Berlin, Germany)

16:40 - 17:05

Intensive LDL-cholesterol lowering or inhibition of inflammation?

David Carballo (Geneva, Switzerland)

17:05 - 17:30

Do we need new treatment goals and decision thresholds for LDL cholesterol?

Arnold von Eckardstein (Zurich, Switzerland)

17:30 - 17:45

Discussion

16:15 - 17:45

SSC Track, Kairo 1-2

SCOT / YSCSC clinical session: Super save or disaster? Cath lab procedures

Panel: Stefano Benussi (Zurich, Switzerland)

Panel: Fabian Nietlispach (Zurich, Switzerland)

Chair: Alicja Zientara (Zurich, Switzerland)

16:15 - 16:40

Introductory talk

Fabian Nietlispach (Zurich, Switzerland)

16:40 - 16:50

Case 1

Luigi Biasco (Lugano, Switzerland)

16:50 - 17:00

Case 2: Late migration of an amplatzer septal occluder (ASO) device for closure of atrial septal defect (ASD) into the outflow tract of the left ventricle

Anna Nowacka (Lausanne, Switzerland)



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17:00 - 17:10

Case 3

Maria Rubini (Basel, Switzerland)

16:15 - 17:15

Abstract Session, Shanghai 2

SSC abstract session: Clinical Cases you don't want to miss

Chair: Patrick Monnier (La Chaux-de-Fonds, Switzerland)

16:15 - 16:25

O51

A Case of Swallow Syncope

Alessandra Chiodini (Zürich, Switzerland)

16:25 - 16:35

O52

First-in-man implantation of the Tricento® transcatheter heart valve for the treatment of severe tricuspid regurgitation

Stefan Toggweiler (Luzern, Switzerland)

16:35 - 16:45

O53

Exercise-induced changes in the Brugada ECG pattern

Philipp Baier (St.Gallen, Switzerland)

16:45 - 16:55

O54

Catheter ablation of the epicardial electrical substrate in a patient with Brugada syndrome and recurrent ICD shocks

Tobias Reichlin (Basel, Switzerland)

16:15 - 17:15

Abstract Session, Shanghai 3

SSC rapid fire abstract session: Cardiac imaging

Chair: Alexander Kadner (Bern, Switzerland)

Chair: Pierre Monney (Lausanne, Switzerland)

16:15 - 16:22

O55

The effect of endothelial shear stress on fibroatheroma progression: a serial intravascular ultrasound, optical coherence tomography and blood flow simulation study

Thomas Zanchin (Bern, Switzerland)

16:22 - 16:29

O56

Contrast enhanced ultrasound molecular imaging of atherosclerosis: development of a clinically translatable tracer for targeting of vascular cell adhesion molecule 1

Mukesh Punjabi (Basel, Switzerland)

16:29 - 16:36

O57

Impact of cardiac hybrid imaging-guided patient management on long-term outcome

Dominik Benz (Zurich, Switzerland)

16:36 - 16:43

O58

3D-print heart model to guide LAA closure: useful in clinical practice?

Stéphane Noble (Geneva, Switzerland)

16:43 - 16:50

O59

Management of complex transposition of the great arteries, ventricular septal defect and pulmonary stenosis: 12 year single-center experience with Rastelli, Nikaidoh, REV and double root translocation

Patrick Myers (Geneva, Switzerland)



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16:50 - 16:57	O60	Long-term prognostic value of non-invasive anatomic and functional imaging tests Dominik Benz (Zurich, Switzerland)
17:30 - 18:30		Satellite Symposium, Shanghai 1 Boston Scientific & Daiichi Sankyo - When Heart Meets Brain (block 2) Chair: Francesco Maisano (Zurich, Switzerland) Chair: Tiziano Moccetti (Lugano, Switzerland)
17:30 - 17:50		AF & neurodegenerative decline (dementia) - findings from SWISS-AF cohort study Stefan Osswald (Basel, Switzerland)
17:50 - 18:10		To Bleed or Stroke? François Mach (Geneva, Switzerland)
18:10 - 18:29		Subclinical Atrial Fibrillation: Worth Considering Angelo Auricchio (Lugano, Switzerland)
18:29 - 18:30		Closing Francesco Maisano (Zurich, Switzerland)
17:30 - 19:00		SSCS Track, Shanghai 2 Biological valves Panel: Pascal Berdat (Zurich, Switzerland) Panel: Andreas Künzli (Kreuzlingen, Switzerland) Chair: René Prêtre (Lausanne, Switzerland) Panel: Fabian Gisler (Bern, Switzerland)
17:30 - 17:45		Guidelines: Indications for biological aortic valve replacement David Reineke (Bern, Switzerland)
17:45 - 18:00		New insights of SAVR: Replacement or reconstruction Oliver Reuthebuch (Basel, Switzerland)
18:00 - 18:15		Should all SAVRs be sutureless? Matthias Kirsch (Lausanne, Switzerland)
18:15 - 18:30		TAVI in degenerated biological valves: dos and don'ts Jürg Grünenfelder (Zurich, Switzerland)
18:30 - 18:45		Best timing for treatment of endocarditis: when and how Mustafa Cikirikcioglu (Geneva, Switzerland)
18:45 - 19:00		Discussion



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Friday, 08 June 2018

08:00 - 09:30

SSC Track, Boston 1-3

Advances in cardiac rhythm management devices

Chair: Haran Burri (Geneva, Switzerland)
Chair: Richard Kobza (Luzern, Switzerland)

08:00 - 08:20

Advances in pacemaker therapy

Peter Ammann (St.Gallen, Switzerland)

08:20 - 08:40

Advances in implantable cardioverter defibrillator therapy

Ardan Saguner (Zurich, Switzerland)

08:40 - 09:00

Advances in cardiac resynchronisation therapy

Angelo Auricchio (Lugano, Switzerland)

09:00 - 09:20

Advances in ILR diagnostics and CRM telemonitoring

Christian Sticherling (Basel, Switzerland)

09:20 - 09:30

Discussion

08:00 - 09:30

SSC Track, Kairo 1-2

Case discussions for cardiologists in private practice

Chair: Michel Zuber (Zurich, Switzerland)
Chair: Mihael Potocki (Dietikon, Switzerland)
Panel: Laurent Haegeli (Aarau, Switzerland)
Panel: Bernhard Herzog (Luzern, Switzerland)
Panel: Raban Jeger (Basel, Switzerland)

08:00 - 08:15

Case 1

Ralf Polikar (Nyon, Switzerland)

08:15 - 08:30

Case 2

Marco Facchini (Muralto, Switzerland)

08:30 - 08:45

Case 3

Marcus Mutschelknauss (Basel, Switzerland)

08:00 - 09:30

Abstract Session, Shanghai 1

SSC rapid fire abstract session: Heart failure, vavulopathy and heart replacement therapy

Chair: Gabriela Kuster (Basel, Switzerland)



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08:00 - 08:07	O61	Prospective validation of NT-proBNP cut-off concentrations for the diagnosis of acute heart failure Nikola Kozuharov (Basel, Switzerland)
08:07 - 08:14	O62	Identification of novel biomarkers in arrhythmogenic right ventricular cardiomyopathy using transcriptomics and label-free proteomics Deniz Akdis (Zurich, Switzerland)
08:14 - 08:21	O63	Current outcomes of Transcatheter Tricuspid Valve Intervention: mid-term results from the international TriValve Registry Maurizio Taramasso (Zurich, Switzerland)
08:21 - 08:28	O64	Longitudinal systolic strain for diagnosis of left ventricular non-compaction and apical hypertrabeculation Aju Pazhenkottil (Zurich, Switzerland)
08:28 - 08:35	O65	Feasibility, safety and outcome of Inter-hospital transfer of critically ill patients on Extracorporeal Membrane Oxygenation (ECMO) in Switzerland Devdas Thomas Inderbitzin (Zürich, Switzerland)
08:35 - 08:42	O66	Impact of right ventricular size and function on prognosis in left ventricular non-compaction cardiomyopathy Simon Stämpfli (Luzern, Switzerland)
08:42 - 08:49	O67	What happens to ventricular arrhythmias after mitral valve repair in patients with mitral valve prolapse? Jovana Pavicevic (Zurich, Switzerland)
08:49 - 08:56	O68	Iron deficiency predicts longer length of hospital stay in patients with acute decompensated heart failure and preserved, but not reduced, ejection fraction Anna Beale (Geneva, GE, Switzerland)
08:56 - 09:03	O69	Transcatheter aortic valve implantation by transcervical access: is it the ideal surgical access? Jegaruban Namasivayam (Lausanne, Switzerland)
09:03 - 09:10	O70	Medium-term follow-up of aortic size in patients with bicuspid versus tricuspid aortic valve Jovana Pavicevic (Zurich, Switzerland)
09:10 - 09:17	O71	Valveless artificial heart providing pulsatile flow: proof of concept in mock loop study Piergiorgio Tozzi (Lausanne, Switzerland)

08:00 - 09:30 **Preventive cardiology**

SCT/SAKR Track, Shanghai 2

Chair: Martin Gsponer (Kilchberg, Switzerland)
Chair: Matthias Hermann (Wald, Switzerland)



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08:00 - 08:22	The story of high intensity training in cardiac patients - what remains? Jean-Paul Schmid (Barmelweid, Switzerland)
08:22 - 08:44	E-Cigarettes: Curse or blessing? Reto Auer (Bern, Switzerland)
08:44 - 09:06	Cardiac Rehabilitation of tomorrow - an outlook Paul Dendale (Hasselt, Belgium)
08:00 - 09:30	SGPK/WATCH Track, Shanghai 3 Congenital Friday: Treatment strategies in paediatric and adult (congenital) heart disease Chair: Walter Knirsch (Zurich, Switzerland) Chair: Kerstin Wustmann (Bern, Switzerland)
08:00 - 08:16	Myocarditis - pathologist's view Karin Klingel (Tübingen, Germany)
08:16 - 08:32	Myocarditis - adult cardiologist's view Urs Eriksson (Wetzikon, Switzerland)
08:32 - 08:48	Heart failure treatment - the pediatric cardiologist's view Birgit Donner (Basel, Switzerland)
08:48 - 09:04	Heart failure treatment - the adult cardiologist's view Bruno Miguel Santos Lopes (Newcastle, United Kingdom)
09:04 - 09:20	Kawasaki disease: an update Daniela Wütz (Zurich, Switzerland)
09:20 - 09:30	Discussion
10:00 - 11:30	SSC Track, Boston 1-3 Main session: Cardiology in developing countries Chair: Louis Loutan (Geneve, GE, Switzerland) Chair: Felix Tanner (Zurich, Switzerland)
10:00 - 10:15	Challenges for international medical collaboration Louis Loutan (Geneve, GE, Switzerland)
10:15 - 10:30	Echocardiography in Kirgistan Felix Tanner (Zurich, Switzerland)
10:30 - 10:45	Humanitarian research projects in Guinea Bissau Giovanni Pedrazzini (Lugano, Switzerland)



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10:45 - 11:15

A surgeon's experience abroad

René Prêtre (Lausanne, Switzerland)
Paul Vogt (Zurich, Switzerland)

11:15 - 11:30

Discussion

SSC Track, Kairo 1-2

10:00 - 11:30

CTO - medical treatment versus PCI versus surgery

Chair: Thierry Carrel (Bern, Switzerland)
Chair: Eric Eeckhout (Lausanne, Switzerland)

10:00 - 10:20

Medical treatment is best

Christian Röthlisberger (Biel, Switzerland)

10:20 - 10:40

CABG is best

Michele Genoni (Zurich, Switzerland)

10:40 - 11:00

PCI is best

Oliver Gämperli (Zurich, Switzerland)

11:00 - 11:20

Technical considerations for successful PCI procedures

Daniel Weilenmann (St.Gallen, Switzerland)

11:20 - 11:30

Discussion

SSC Track, Shanghai 1

10:00 - 11:30

State of the art in catheter ablation

Chair: Firat Duru (Zurich, Switzerland)
Chair: Sven Reek (Aarau, Switzerland)

10:00 - 10:20

Advances in mapping technologies

Hildegard Tanner (Bern, Switzerland)

10:20 - 10:40

Update on ablation technologies

Etienne Delacretaz (Lausanne, Switzerland)

10:40 - 11:00

State of the art ablation of atrial fibrillation

Dipen Shah (Geneva, Switzerland)

11:00 - 11:20

State of the art ablation of ventricular tachycardia

Paolo Della Bella (Milano, Italy)

11:20 - 11:30

Discussion



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10:00 - 11:30

SCT/SAKR Track, Shanghai 2

The oncologic patient in cardiac rehabilitation

Chair: Gudrun Haager (St.Gallen, Switzerland)
Chair: Otmar Pfister (Basel, Switzerland)

10:00 - 10:25

Cancer, chemotherapy and exercise intolerance - a malign combination

Matthias Wilhelm (Bern, Switzerland)

10:25 - 10:50

Is there a need for exercise training in oncologic patients

Freerk Baumann (Köln, Germany)

10:50 - 11:15

Rehabilitation of oncologic patients - the view and experience of the oncologist

Urban Novak (Bern, Switzerland)

11:15 - 11:30

Discussion

10:00 - 11:30

SGPK/WATCH Track, Shanghai 3

Congenital Friday: What happened to our challenging cases?

Panel: Judith Bouchardy (Lausanne, Switzerland)
Panel: Anna Cavigelli (Zurich, Switzerland)
Panel: Gabriella De Pasquale (Zurich, Switzerland)

10:00 - 10:10

Case from Basel

Daniel Tobler (Basel, Switzerland)

10:10 - 10:20

Case from Berne

10:20 - 10:30

Case from Geneva

Coralie Blanche (Lausanne/Geneva, Switzerland)

10:30 - 10:40

Case from Lausanne

Tobias Rutz (Lausanne, Switzerland)

10:40 - 10:50

Case from St.Gallen

10:50 - 11:00

Case from Zurich

Lukas Mark Meier (Zürich, Switzerland)

11:45 - 12:45

SSC Track, Boston 1-3

State of the art in heart failure - discussion with the expert

Chair: Frank Ruschitzka (Zurich, Switzerland)
Chair: Thomas Suter (Bern, Switzerland)

11:45 - 12:15

State of the art in heart failure

John Jarcho (Boston, United States)



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12:15 - 12:45

Discussion with the expert

11:45 - 12:45

Satellite Symposium, Kairo 1-2

Servier - Aim high, go low: how shall we improve blood pressure control?

Chair: François Mach (Geneva, Switzerland)

11:45 - 11:55

Aim high, go low: how shall we improve blood pressure control?

Isabella Sudano (Zurich, Switzerland)

Assembly, Shanghai 1

Meeting SSC/SSCS-Boards & Industry CEOs

Chair: Michel Zuber (Zurich, Switzerland)

Chair: Marjam Rüdiger-Stürchler (Basel, Switzerland)

11:45 - 12:45

SCT/SAKR Track, Shanghai 2

ECG interpretation in athletes: sharpen your senses!

Chair: Andrea Menafoglio (Bellinzona, Switzerland)

Chair: Stefan Goerre (Olten, Switzerland)

11:45 - 12:00

New recommendations for ECG interpretation

Christian Schmied (Zürich, Switzerland)

12:00 - 12:15

Echocardiography in the evaluation of athletes

Vincent Gabus (Lausanne, Switzerland)

12:15 - 12:30

Case presentations

Michael Schindler (Munich, Germany)

12:30 - 12:45

Discussion

11:45 - 12:45

SGPK/WATCH Track, Shanghai 3

Congenital Friday: Controversies in congenital heart valve disease

Chair: Tornike Sologashvili (Geneva, Switzerland)

Chair: Christian Balmer (Zurich, Switzerland)

11:45 - 12:00

Every severe tricuspid regurgitation needs an intervention (except Ebstein!) - Pro

Michael Hübner (Zurich, Switzerland)



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12:00 - 12:15	Every severe tricuspid regurgitation needs an intervention (except Ebstein!) - Con Markus Schwerzmann (Bern, Switzerland)
12:15 - 12:30	Early AVR in patients with severe aortic regurgitation is beneficial - Pro Alexander Kadner (Bern, Switzerland)
12:30 - 12:45	Early AVR in patients with severe aortic regurgitation is beneficial - Con Dominik Stambach (St.Gallen, Switzerland)
13:15 - 14:15	SSC Track, Boston 1-3 Women in cardiology Chair: Hildegard Tanner (Bern, Switzerland) Chair: Marianne Zimmerli (Thun, Switzerland)
13:15 - 13:30	Women in cardiology - the past, the present, and the future Christine Attenhofer Jost (Zurich, Switzerland)
13:30 - 13:45	Gender differences in cardiac interventions Sven Reek (Aarau, Switzerland)
13:45 - 14:00	Gender aspects in cardiac imaging Judith Bouchardy (Lausanne, Switzerland)
14:00 - 14:15	Discussion
13:15 - 14:15	Satellite Symposium, Kairo 1-2 Vifor - How too much or too little may affect our heart? Chair: Roger Hullin (Lausanne, Switzerland)
13:15 - 13:20	Introduction Roger Hullin (Lausanne, Switzerland)
13:20 - 13:40	Should iron be at the heart of the concern? Otmar Pfister (Basel, Switzerland)
13:40 - 14:05	New therapeutic option for hyperkalemia in Heart Failure Andreas Flammer (Zurich, Switzerland)
14:05 - 14:15	Questions and Conclusion Roger Hullin (Lausanne, Switzerland)



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13:15 - 14:15

Imaging in myocarditis

Chair: Peter Burger (Bern, Switzerland)
Chair: Pierre Monney (Lausanne, Switzerland)

13:15 - 13:30

MRI: update on myocardial mapping techniques

Jürg Schwitler (Lausanne, Switzerland)

13:30 - 13:45

Diagnosis and prognosis of myocarditis: role of biomarkers and imaging

Paolo Camici (Milano, Italy)

13:45 - 14:00

Cardiovascular MR - limited information in comparison to biopsy

Jeanette Schulz-Menger (Berlin, Germany)

14:00 - 14:15

Discussion

Assembly, Shanghai 2

General Assembly Swiss Cardiovascular Therapists

Chair: Martin Gsponer (Kilchberg, Switzerland)

Assembly, Shanghai 3

General Assembly Swiss Society of Pediatric Cardiology

SSC Track, Boston 1-3

14:30 - 16:00

Main session: Thrombocardiology

Chair: Augusto Gallino (Bellinzona, Switzerland)
Chair: Laurent Haegeli (Aarau, Switzerland)

14:30 - 14:35

Presentation Research Award Swiss Heart Foundation

Henrik Gensicke (Basel, Switzerland)

14:35 - 15:00

DOACs combined with platelet inhibitors in coronary artery disease

Hans Jürg Beer (Baden, Switzerland)

15:00 - 15:25

Update VTE 2018

Henri Bounameaux (Geneva, Switzerland)

15:25 - 15:50

Antagonizing last generation antithrombotics in 2018: do we have magic bullets?

Pierre Fontana (Geneva, Switzerland)

15:50 - 16:00

Discussion



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14:30 - 16:00		SSC Track, Kairo 1-2 Devices in heart failure Chair: Micha Maeder (St.Gallen, Switzerland) Chair: Markus Wilhelm (Zurich, Switzerland)
14:30 - 14:50		Left ventricular restoration devices - the PARACHUTE Olivier Muller (Lausanne, Switzerland)
14:50 - 15:10		Left to right interatrial shunt devices Philip Raake (Heidelberg, Germany)
15:10 - 15:30		Implantable hemodynamic monitoring devices Frank Enseleit (Zurich, Switzerland)
15:30 - 15:50		Temporary circulatory devices in cardiogenic shock Carlo Banfi (Geneva, Switzerland)
15:50 - 16:00		Discussion
14:30 - 15:45		Abstract Session, Shanghai 3 SGPK/WATCH abstract session: Congenital Friday Chair: Matthias Kirsch (Lausanne, Switzerland) Chair: Matthias Greutmann (Zurich, Switzerland)
14:30 - 14:40	O72	Long-term follow-up after epicardial pacemaker implantation in neonates and infants: a single center experience Marc Wildbolz (Zürich, Switzerland)
14:40 - 14:50	O73	Cardiac complications in congenital heart disease - data from SACHER Daniel Tobler (Basel, Switzerland)
14:50 - 15:00	O74	Direct Oral Anticoagulants (DOACs) in adult patients with congenital heart disease: initial single center experience Lukas Mark Meier (Zürich, Switzerland)
15:00 - 15:10	O75	Intelligence quotient and brain magnetic resonance imaging of young adults with congenital heart disease Nora Kessler (Zurich, Switzerland)
15:10 - 15:20	O76	Health-related quality of life in pediatric patients with pacemaker and implantable cardioverter-defibrillators Helene Werner (Zurich, Switzerland)