Scientific Programme

Wednesday, 19 June 2019

08:00 - 10:00

Board meeting: Swiss Society of Cardiac Surgery
Chair: Friedrich S. Eckstein (Basel, Switzerland)

08:30 - 11:15

Postgraduate course: heart failure
Chair: Andreas J. Flammer (Zurich, Switzerland)
Chair: Roger Hullin (Lausanne, Switzerland)
Chair: Micha Maeder (St.Gallen, Switzerland)

08:30 - 09:00

Obesity and heart failure
Roger Hullin (Lausanne, Switzerland)

09:00 - 09:30

Chronic obstructive pulmonary disease and heart failure
Jan Vontobel (Davos, Switzerland)

09:30 - 10:00

Pulmonary hypertension and heart failure
Patrick Yerly (Lausanne, Switzerland)

10:00 - 10:30

Depression and heart failure
Giorgio Moschovitis (Lugano, Switzerland)

10:30 - 11:00

Atrial fibrillation and heart failure: implication of RACE-3 and CASTLE-AF
Ardan Saguner (Zurich, Switzerland)

11:00 - 11:15

Discussion

08:30 - 11:15

Postgraduate course: cardiac imaging How do I assess myocardial ischemia and viability?
Chair: Patric Biaggi (Zurich, Switzerland)
Chair: Pierre Monney (Lausanne, Switzerland)

08:30 - 08:40

Welcome
Pierre Monney (Lausanne, Switzerland)
Patric Biaggi (Zurich, Switzerland)

Lectures

08:40 - 08:50

Stress echocardiography: any added value of strain and contrast?
Beat Kaufmann (Basel, Switzerland)

08:50 - 09:00

CMR: the ideal one-stop shop?
Stefano Muzzarelli (Lugano, Switzerland)
Scientific Programme

Wednesday, 19 June 2019

09:00 - 09:10  PET CT: superiority of a quantitative analysis?  
Christoph Gräni (Bern, Switzerland)

09:10 - 09:20  CT and FFR-CT: the future gold standard?  
Oliver Gämperli (Zurich, Switzerland)

09:20 - 09:30  Invasive angiography and FFR: under or overused?  
Stéphane Fournier (Lausanne, Switzerland)

09:30 - 09:45  Coffee break

Heart team session (joint with invasive cardiology course): cases on CAD

09:45 - 10:10  Team Lausanne (T1): Case presentation/how would you (T2)/How I did (T1)  
Olivier Muller (Lausanne, Switzerland)  
Matthias Kirsch (Lausanne, Switzerland)  
Pierre Monney (Lausanne, Switzerland)

10:10 - 10:35  Team Bern (T2): Case presentation/how would you (T3)/How I did (T2)  
Christoph Gräni (Bern, Switzerland)  
Lorenz Räber (Bern, Switzerland)  
David Reineke (Bern, Switzerland)

10:35 - 11:00  Team Zurich (T3): Case presentation/how would you (T1)/How I did (T3)  
Oliver Gämperli (Zurich, Switzerland)  
Roberto Corti (Zurich, Switzerland)  
Jürg Grünenfelder (Zurich, Switzerland)

11:00 - 11:15  Closing remarks  
Patric Biaggi (Zurich, Switzerland)  
Pierre Monney (Lausanne, Switzerland)

Postgraduate Course, Club Casino

08:30 - 10:00  Postgraduate course interventional cardiology  
Chair: Olivier Muller (Lausanne, Switzerland)

08:30 - 08:45  TAVI and coronaries: daily challenges  
Eric Eeckhout (Lausanne, Switzerland)

08:45 - 08:52  Q&A

08:52 - 09:07  Old and new devices for calcified lesions  
Lorenz Räber (Bern, Switzerland)

09:07 - 09:14  Q&A

09:14 - 09:29  Everything about LAA closure  
Fabian Nietlispach (Zurich, Switzerland)

09:29 - 09:36  Q&A
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<tr>
<td>09:36 - 09:51</td>
<td><strong>Everything about coronary CT</strong></td>
<td>Carlos Collet (Belgium)</td>
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<td>09:51 - 09:58</td>
<td><strong>Q&amp;A</strong></td>
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<td>08:30 - 11:30</td>
<td><strong>Course TARMED/TARCO (français)</strong></td>
<td>Chair: Andreas Velke (Meggen, Switzerland)</td>
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| 08:30 - 10:00| **Board meeting: Swiss Society of Cardiology**                       | Chair: Giovanni Pedrazzini (Lugano, Switzerland)  
|               |                                                                    | Chair: Felix Tanner (Zurich, Switzerland)   |
| 10:15 - 11:45| **SSCS Track  Aortic surgery**                                       | Chair: Oliver Reuthebuch (Basel, Switzerland)  
|               |                                                                    | Chair: Florian Schönhoff (Bern, Switzerland) |
| 10:15 - 10:30| **New guidelines and state of the art in aortic arch surgery**      | Martin Czerny (Bad Krozingen, Germany)    |
| 10:30 - 10:33| **Q&A**                                                              |                                         |
| 10:33 - 10:48| **Aortic root geometry and reconstruction**                         | Denis Berdajs (Basel, Switzerland)        |
| 10:48 - 10:51| **Q&A**                                                              |                                         |
| 10:51 - 11:06| **Optimal treatment options in AADA**                                | Peter Matt (Luzern, Switzerland)          |
| 11:06 - 11:09| **Q&A**                                                              |                                         |
| 11:09 - 11:24| **TAAA and spinal cord protections strategies**                      | Balthasar Eberle (Bern, Switzerland)      |
| 11:24 - 11:27| **Q&A**                                                              |                                         |
| 11:27 - 11:42| **Open surgery vs. hybrid approaches in TAAA**                       | Jürg Schmidli (Bern, Switzerland)         |
| 11:42 - 11:45| **Q&A**                                                              |                                         |
Scientific Programme

Wednesday, 19 June 2019

10:15 - 11:15  Meeting scientific programme committee 2020
Assembly, Brünig 3
Chair: Michel Zuber (Zurich, Switzerland)
Chair: Marjam Rüdiger-Stürchler (Basel, Switzerland)

11:30 - 12:15  Assembly: Young Swiss Cardiac Surgeons Club
Assembly, Brünig 3
Chair: Barbara Rosser (Zurich, Switzerland)

11:45 - 12:30  Assembly: working group echocardiography and cardiac imaging
Assembly, Theatersaal
Chair: Beat Kaufmann (Basel, Switzerland)

11:45 - 12:30  Assembly: working group AGLA
Assembly, Ballsaal
Chair: Hans Jürg Beer (Baden, Switzerland)

11:45 - 12:30  Assembly: interventional cardiology
Assembly, Grimsel 1/2
Chair: Stéphane Cook (Freiburg, Switzerland)

11:45 - 12:30  Assembly: SCPRS
Assembly, Brünig 1
Chair: Philippe Meyer (Geneva, Switzerland)

12:15 - 13:30  General Assembly Swiss Society of Cardiac Surgery
Assembly, Club Casino
Chair: Friedrich S. Eckstein (Basel, Switzerland)
## Scientific Programme

### Wednesday, 19 June 2019

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<td>12:45 - 13:30</td>
<td>Assembly, Theatersaal</td>
<td>Assembly: pacemaker and electrophysiology</td>
<td>Firat Duru (Zurich, Switzerland)</td>
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<td>Assembly, Ballsaal</td>
<td>Assembly: Swiss Council for Cardiology Practice</td>
<td>Mihael Potocki (Dietikon, Switzerland)</td>
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<td>Assembly, Grimsel 1/2</td>
<td>Assembly: working group heart failure</td>
<td>Micha Maeder (St.Gallen, Switzerland)</td>
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<td>Assembly, Brünig 1</td>
<td>Assembly: working group WATCH</td>
<td>Alexander Kadner (Bern, Switzerland)</td>
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<td>Assembly, Brünig 3</td>
<td>Assembly: Swiss Cardiologists of tomorrow SCOT</td>
<td>Leonardo Glutz von Blotzheim (Zürich, Switzerland)</td>
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<td>14:00 - 15:30</td>
<td>SSC Track, Theatersaal</td>
<td>Main session The cardio-rheumatologic patient</td>
<td>Michael Zellweger (Basel, Switzerland)</td>
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<td>Diego Kyburz (Basel, Switzerland)</td>
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<td>14:00 - 14:20</td>
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<td>The most important rheumatologic diseases with impact on the heart</td>
<td>Axel Finckh (Geneva, Switzerland)</td>
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<td>14:20 - 14:40</td>
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<td>Cardiac findings in rheumatologic disorders</td>
<td>Reto Kurmann (Rochester, United States)</td>
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<td>14:40 - 14:55</td>
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<td>Case presentation</td>
<td>Paul Hasler (Switzerland)</td>
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<td>14:55 - 15:05</td>
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<td>Discussion</td>
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15:05 - 15:20  Case presentation
Christine Attenhofer Jost (Zurich, Switzerland)

15:20 - 15:30  Discussion

SSC Track, Ballsaal

14:00 - 15:30  SSC track Latest evidence for treatment options in heart failure
Chair: Frank Ruschitzka (Zurich, Switzerland)
Chair: Otmar Pfister (Basel, Switzerland)

14:00 - 14:20  News on SGLT inhibitors
Roger Lehmann (Zurich, Switzerland)

14:20 - 14:40  News on PARADIGM-HF
Philippe Meyer (Geneva, Switzerland)

14:40 - 15:00  News on intra-atrial shunt devices
Lukas Hunziker (Bern, Switzerland)

15:00 - 15:20  News on drugs for HFpEF
Ariane Testuz (Geneva, Switzerland)

15:20 - 15:30  Discussion

SSCS Track, Club Casino

14:00 - 15:30  SSCS track Mitral session: treatment options in mitral insufficiency and 6 months follow-up
Chair: Enrico Ferrari (Lugano, Switzerland)
Panel: Francesco Maisano (Zurich, Switzerland)
Panel: Jürg Grünenfelder (Zurich, Switzerland)
Panel: Christoph Huber (Geneva, Switzerland)
Panel: David Reineke (Bern, Switzerland)
Panel: Matthias Kirsch (Lausanne, Switzerland)
Panel: Omer Dzemali (Zurich, Switzerland)
Panel: Martin Grapow (Basel, Switzerland)

14:00 - 14:10  Case: leaflet prolapse
Maurizio Taramasso (Zurich, Switzerland)

14:10 - 14:20  Discussion

14:20 - 14:30  Case: secondary MI
Michael Voutat (Bern, Switzerland)

14:30 - 14:40  Discussion

14:40 - 14:50  Case: Endocarditis
Jalal Jolou (Genf, Switzerland)
Scientific Programme

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14:50 - 15:00  Discussion
15:00 - 15:10  Case: Barlows disease
               Thibault Schaeffer (Basel, Switzerland)
15:10 - 15:20  Discussion
15:20 - 15:30  Wrap-up/Closure

Abstract Session, Grimsel 1/2

14:00 - 15:30  Rapid Fire Abstract Session: Pacemaker, Defibrillator and Electrophysiology
               Chair: François Regoli (Lugano, Switzerland)
               Chair: Michael Kühne (Basel, Switzerland)

14:00 - 14:07  O28  Leadless dual-chamber pacing and cardiac resynchronization therapy using conductive intracardiac communication - cumulative experience from in-vivo proof-of-concept trials
                 Andreas Häberlin (Bern, Switzerland)

14:07 - 14:14  O29  Stereotactic radio-ablation of refractory ventricular tachycardia: clinical outcomes
                 Raphael Jumeau (Lausanne, Switzerland)

14:14 - 14:21  O30  Entirely cardiac magnetic resonance-guided ventricular tachycardia substrate ablation
                 Cheryl Teres (Barcelona, Spain)

14:21 - 14:28  O31  Mortality and morbidity reduction after frequent PVC ablation in patients with LV systolic dysfunction.
                 Cheryl Teres (Barcelona, Spain)

14:28 - 14:35  O32  PVC ablation in patients with prior myocardial infarction and LV dysfunction: site of origin distribution, scar burden and 1-year outcome
                 Cheryl Teres (Barcelona, Spain)

14:35 - 14:42  O33  The potential use of the His paced to RV sensed interval in optimising battery longevity in His pacing
                 Neasa Starr (Geneva, Switzerland)

14:42 - 14:49  O34  The effects of pacing polarity on his capture thresholds
                 Neasa Starr (Geneva, Switzerland)

14:49 - 14:56  O35  Gender differences in left atrial scar burden after pulmonary vein isolation with significant impact on pulmonary vein reconnections
                 Anna Lam (Bern, Switzerland)

14:56 - 15:03  O36  Differences in acute and long-term block after cavo-tricuspid isthmus ablation as a stand-alone procedure versus at the end of an atrial fibrillation ablation: technical and or human factors?
                 Babken Asatryan (Bern, Switzerland)
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15:03 - 15:10  O37  Adequate ICD treatments after the use of the wearable cardioverter-defibrillator - first results from the Swiss nationwide WCD registry
Boldizsar Kovacs (Zurich, Switzerland)

15:10 - 15:17  O38  Efficacy and safety of atrial ablation procedures in patients with complete d-TGA and atrial switch at a Swiss tertiary care center
Laurent Roten (Bern, Switzerland)

14:00 - 16:00  Joint SSoP - SCOT/YSCSC Walk-in Workshop cardiotechniques
Chair: Jolanda Consiglio (Bern, Switzerland)
Chair: Piergiorgio Tozzi (Lausanne, Switzerland)

16:00 - 17:30  President’s session: 3D in architecture and medicine
Chair: Giovanni Pedrazzini (Lugano, Switzerland)
Chair: Michael Zellweger (Basel, Switzerland)

16:00 - 16:40  Ma vision spatial
Mario Botta (Mendrisio, Switzerland)

16:00 - 16:40  My 3D heart view
Francesco Faletra (Lugano, Switzerland)

16:00 - 17:30  The future is now - Update 3D printing in medicine
Florian Thieringer (Basel, Switzerland)

17:20 - 17:30  Discussion

16:00 - 17:30  SSC track What to look for in patients with rheumatic disease
Chair: Reto Kurmann (Rochester, United States)
Chair: Diego Kyburz (Basel, Switzerland)

16:00 - 16:20  Impact of rheumatoid arthritis on cardiovascular disease
Stefano Muzzarelli (Lugano, Switzerland)

16:20 - 16:40  Echo in systemic sclerosis
Ioannis Kapos (Zurich, Switzerland)

16:40 - 17:00  Impact and management of pulmonary hypertension in systemic sclerosis
Silvia Ulrich (Zurich, Switzerland)
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17:00 - 17:20  Cardiac involvement in sarcoidosis: imaging with MRI & PET
Ronny R. Büchel (Zurich, Switzerland)

17:20 - 17:30  Discussion

SSCS Track, Club Casino

16:00 - 17:30  Joint Session SSC-SSCS Strategic options in aortic stenosis and complex valve disease
Chair: Stéphane Cook (Freiburg, Switzerland)
Chair: Peter Matt (Luzern, Switzerland)
Aortic Stenosis - best lifelong in young patient

16:00 - 16:20  Bioprosthesis and TAVI
Christoph Huber (Geneva, Switzerland)

16:20 - 16:40  Mechanical prosthesis
Maurizio Taramasso (Zurich, Switzerland)
Complex valve disease (aortic and mitral)

16:40 - 17:00  Surgical options
Lars Englberger (Bern, Switzerland)

17:00 - 17:20  Percutaneous treatment
Fabian Nietlispach (Zurich, Switzerland)

17:20 - 17:30  Discussion

Abstract Session, Grimsel 1/2

16:00 - 17:15  Abstract Session: Clinical Cases I
Chair: Mihael Potocki (Dietikon, Switzerland)
Chair: Didier Locca (Lausanne, Switzerland)

16:00 - 16:15  O01  Ineffective shock delivery during swimming in salt water
Nadine Molitor (Zurich, Switzerland)

16:15 - 16:30  O02  'SCN5A Overlap Syndromes': an unsolved Rubik's cube
Alessandra Pia Porretta (Lausanne, Switzerland)

16:30 - 16:45  O03  Successful ablation of incessant premature ventricular complex through retrograde transvenous ethanol infusion
David Meier (Lausanne, Switzerland)

16:45 - 17:00  O04  An elegant way to fix pacemaker lead perforation - a heart team experience
Alexander Breitenstein (Zurich, Switzerland)
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17:00 - 17:15  O05  **Noninfective endocarditis ulceropolyposa of the aortic valve in a 28y old male**  
Gregory Reid (Basel, Switzerland)

16:00 - 17:00  **Satellite Atelier Vifor Pharma AG: Cardio-renal management in heart failure**

16:00 - 16:30  **Uptitration of RAAS inhibitors - where are the limits?**  
Roger Hullin (Lausanne, Switzerland)

16:30 - 17:00  **Do we need biomarkers to detect heart failure?**  
Christian Müller (Basel, Switzerland)

17:45 - 18:30  **SSC track: TARCO Insights for cardiologists**

17:45 - 18:00  **Update on TARCO**  
Urs Stoffel (Bern, Switzerland)

18:00 - 18:15  **What is going to change for us?**  
Christophe Wyss (Zurich, Switzerland)

18:15 - 18:30  **Q & A**

18:30 - 20:00  **General Assembly Swiss Society of Cardiology**

19:00 - 20:30  **Public lecture: Swiss Heart Foundation Herzklappe defekt - was tun?**

Chair: Rubino Mordasini (Bern, Switzerland)

Raban Jeger (Basel, Switzerland)
Oliver Reuthebuch (Basel, Switzerland)
Thursday, 20 June 2019

SSC Track, Theatersaal

08:00 - 08:45  **SSC track Driving ability in cardiac diseases**

Chair: Stefan Christen (Zurich, Switzerland)

08:00 - 08:15  **Case presentation and quiz**
Beat Schär (Basel, Switzerland)

08:15 - 08:30  **Current recommendations**
Marc Buser (St. Gallen, Switzerland)
Matthias Pfäffli (Bern, Switzerland)

08:30 - 08:45  **Q & A**

Abstract Session, Ballsaal

08:00 - 08:45  **Rapid Fire Abstract Session: Cardiac Imaging**

Chair: Oliver Gämperli (Zurich, Switzerland)
Chair: Pierre Monney (Lausanne, Switzerland)

08:00 - 08:07  **O39**
Effect of coronary diameter on transluminal attenuation gradient derived from coronary CT angiography to predict ischemia in SPECT myocardial perfusion imaging
Elia Von Felten (Zürich, Switzerland)

08:07 - 08:14  **O40**
Regional differences in myocardial flow reserve add prognostic value in patients with suspected coronary artery disease
Elia Von Felten (Zürich, Switzerland)

08:14 - 08:21  **O41**
Speckle tracking derived twist for differentiation of left ventricular non-compaction and hypertrabeculation
Shehab Anwer (Zürich, Switzerland)

08:21 - 08:28  **O42**
Fully automated measurements of scar size on computed tomography relate to arrhythmia risk in post-infarction patients implanted with ICDs for primary prevention
Anna Lam (Bern, Switzerland)

08:28 - 08:35  **O43**
Added value of fusion imaging during transcatheter aortic valve replacement
Dominik Sager (Zürich, Switzerland)

08:35 - 08:42  **O44**
Mitral cardioband and left circumflex artery interference quantification
Alberto Pozzoli (Zürich, Switzerland)
Scientific Programme

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SSH Track, Club Casino

08:00 - 09:00  **SSH Track Hands on: diagnosis and therapy according to the new ESC/ESH guidelines for hypertension**
Chair: Franco Muggli (Vezia, Switzerland)
Chair: Paolo M. Suter (Zurich, Switzerland)

08:00 - 08:15  **Arterial hypertension in patient with coronary heart disease**
Roman Brenner (St.Gallen, Switzerland)

08:15 - 08:30  **Arterial hypertension in patient with stroke**
Nils Peters (Basel, Switzerland)

08:30 - 08:45  **Arterial hypertension and pregnancy**
Antoinette Pechère (Genève, Switzerland)

08:45 - 09:00  **Arterial hypertension and adherence**
Michel Burnier (Lausanne, Switzerland)

Nursing and Allied Professions Track, Grimsel 1/2

08:00 - 08:45  **Nursing track Aus der Praxis für die Praxis: Praxisprojekt und / oder Case Reports**
Chair: Seraina Bischoff (Bern, Switzerland)
Chair: Corina Thomet (Bern, Switzerland)

08:00 - 08:15  **ALVAD – Geeignete Begleitung in der letzten Lebensphase**
Anne Morgen (Basel, Switzerland)

08:15 - 08:30  **Angeborener Herzfehler bei Mutter und Kind – eine neue Herausforderung**
Chantal Etter (Zurich, Switzerland)

08:30 - 08:45  **Transitional care in high risk heart failure patients: a case report**
Laura Bochud (Switzerland)

Industry Session, Brünig 1

08:00 - 09:00  **Satellite atelier Biosense Webster: Latest update in mapping and ablation technologies**
Chair: Christian Sticherling (Basel, Switzerland)

08:00 - 08:25  **Simplifying the challenge of Complex Arrhythmias with HD Colouring: Case Presentation**
Alexander Breitenstein (Zurich, Switzerland)

08:25 - 08:50  **European Experience Sharing – Advances in 3D mapping and ablation technology**
Alan Bulava (Ceske Budejovice, Czech Republic)

08:50 - 09:00  Q&A
Thursday, 20 June 2019

SSCS Track, Harder 1-2

08:00 - 10:30  SSCS track Raising Swiss educational and training standards in cardiology and cardiac surgery

Chair: Enrico Ferrari (Lugano, Switzerland)
Panel: Lars Englberger (Bern, Switzerland)
Panel: Barbara Rosser (Zurich, Switzerland)

08:00 - 08:15  Do we need surgical simulators?
Piergiorgio Tozzi (Lausanne, Switzerland)

08:15 - 08:25  Discussion

08:25 - 08:40  Learning & training cardiac surgery on life-like simulators
Oliver Reuthebuch (Basel, Switzerland)

08:40 - 08:50  Discussion

08:50 - 09:05  Learning how to handle surgical complications and other dreadful situations
Peter Matt (Luzern, Switzerland)

09:05 - 09:15  Discussion

09:15 - 09:30  Learning interventional cardiology on simulators: is it really worth it?
Julien Adjedj (Lausanne, Switzerland)

09:30 - 09:40  Discussion

09:40 - 09:55  Assessing resident learning: the forgotten step
Mustafa Cikirikcioglu (Geneva, Switzerland)

09:55 - 10:05  Discussion

10:05 - 10:20  Nothing better than patient to teach surgery
Lars Englberger (Bern, Switzerland)

10:20 - 10:30  Discussion

Industry Session, Brünig 3

08:00 - 09:00  Satellite atelier Vifor Pharma AG: Tailoring antiplatelet therapy for patients undergoing PCI

Chair: Lorenz Räber (Bern, Switzerland)

08:00 - 08:05  Welcome & Introduction
Lorenz Räber (Bern, Switzerland)

08:05 - 08:25  Cangrelor: rapid and reversible platelet inhibition for STE-MI
Dimitrios Alexopoulos (Athens, Greece)

08:25 - 08:50  Antiplatelet strategy for ACS patients and complex PCI cases
Erik Holy (Zurich, Switzerland)
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08:50 - 09:00 Questions & Conclusions

SSC Track, Theatersaal

09:00 - 10:30 Main session Pollution of the heart

Chair: Meltem Kutlar Joss (Basel, Switzerland)
Chair: Beat Kaufmann (Basel, Switzerland)

09:00 - 09:15 Noise, air pollution and cardiometabolic pathways: The benefit of citizen biobanks
Nicole Probst (Basel, Switzerland)

09:15 - 09:30 Noise and myocardial infarction: capitalizing on big data
Martin Röösli (Basel, Switzerland)

09:30 - 09:45 Air pollution, gut microbiome and diabetes: from bench-to-bedside approach
Claudia Cavelti-Weder (Basel, Switzerland)

09:45 - 10:00 Prevention of heart disease: Science-to-clinic-to-policy
Nino Künzli (Basel, Switzerland)

10:00 - 10:30 Discussion

SSC Track, Ballsaal

09:00 - 10:30 SSC track Anticoagulant dilemmas in the elderly

Chair: Hans Jürg Beer (Baden, Switzerland)
Chair: Augusto Gallino (Bellinzona, Switzerland)

09:00 - 09:25 Anticoagulation after stroke and ICB
Hans Jürg Beer (Baden, Switzerland)

09:25 - 09:50 Your elderly patient with atrial fibrillation or VTE on oral anticoagulants: a journey through pitfalls and guidelines
Jan Steffel (Zurich, Switzerland)

09:50 - 10:15 Anticoagulants and interactions in the elderly
Jean-Luc Reny (Geneva, Switzerland)

10:15 - 10:30 Discussion

Nursing and Allied Professions Track, Grimsel 1/2

09:00 - 10:30 Nursing track Das Herz im Alter

Chair: Irene Stalder (Zurich, Switzerland)
Chair: Petra Schäfer-Keller (Fribourg, Switzerland)
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09:00 - 09:20 Wie verändert sich das Herz im Laufe der Lebenszeit?
Andreas Schönenberger (Bern, Switzerland)

09:20 - 09:40 Symptom perception in older persons with heart failure
Gabrielle Santos (Fribourg, Switzerland)

09:40 - 10:00 Congenital heart disease: emerging need for geriatric care and advance care planning
Philippe Moons (Leuven, Belgium)

10:00 - 10:20 Herausforderungen in der Vorausplanung des Lebensendes einschliesslich Advance Care Planning
Monica Fliedner (Bern, Switzerland)

10:20 - 10:30 Discussion

Industry Session, Club Casino

09:30 - 10:30 Satellite symposium Novartis (Schweiz) AG: PIONEERING chronic heart failure: New chapters in discharge management and heart failure with preserved ejection fraction
Chair: Georg Noll (Zurich, Switzerland)

09:30 - 09:40 Welcome & Introduction
Georg Noll (Zurich, Switzerland)

09:40 - 10:00 Hospital discharge: lay down the tracks for an optimal HF therapy!
Christian Müller (Basel, Switzerland)

10:00 - 10:20 HFrEF: dominant but still a mysterious syndrome
Philippe Meyer (Geneva, Switzerland)

10:20 - 10:30 Questions & Conclusion
Georg Noll (Zurich, Switzerland)

Industry Session, Brünig 1

09:30 - 10:30 Satellite Atelier Bracco: See it – treat it – prevent it FFR and IVUS... Tools to manage complications in coronary interventions

09:30 - 10:30 FFR and IVUS What to treat and how to treat. Tools increasing chances for a better long term PCI result. Examples and practical aspect
Jurgen M Ligthart (Rotterdam, Netherlands)
Thursday, 20 June 2019

**SSC Track, Theatersaal**

**11:00 - 12:30**

*Joint ESC-SSC/SSCS guidelines session*

Chair: Barbara Casadei (Oxford, United Kingdom)
Chair: Stephan Windecker (Bern, Switzerland)
Chair: Marco Roffi (Geneva, Switzerland)

**11:00 - 11:20**

*Guidelines on diagnosis and management of Syncope*

Michele Brignole (Lavagna, Italy)

**11:20 - 11:40**

*ESC/EACTS Guidelines on Myocardial Revascularisation*

Franz-Josef Neumann (Bad Krozingen, Germany)

**11:40 - 12:00**

*Management of cardiovascular diseases during pregnancy*

Jolien Roos-Hesselink (Rotterdam, Netherlands)

**12:00 - 12:20**

*ESC/ESH Management of Arterial Hypertension*

Felix Mahfoud (Homburg, Germany)

**12:20 - 12:30**

*Discussion*

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**SSCS Track, Ballsaal**

**11:00 - 12:30**

*Joint Session SSC-SSCS Best treatment of functional mitral regurgitation*

Chair: Oliver Gämperli (Zurich, Switzerland)
Chair: Beat Kaufmann (Basel, Switzerland)

**11:00 - 11:15**

*Imaging: severity, grading, 3D echo, etc.*

Nicolas Brugger (Bern, Switzerland)

**11:15 - 11:30**

*Surgical techniques: replacement vs. repair, etc.*

Alberto Weber (Zurich, Switzerland)

**11:30 - 11:45**

*Percutaneous options: MitraClip, Cardioband, etc.*

Giovanni Pedrazzini (Lugano, Switzerland)

**11:45 - 12:00**

*Best medical treatment: watch and wait*

Micha Maeder (St.Gallen, Switzerland)

**12:00 - 12:15**

*Clinical case*

Barbara Rosser (Zurich, Switzerland)

**12:15 - 12:30**

*Discussion*
Thursday, 20 June 2019

**Industry Session, Club Casino**

11:00 - 12:00  
**Satellite symposium Astra Zeneca: New insights and approaches in myocardial infarction and diabetes management**

Chair: François Mach (Geneva, Switzerland)  
Chair: Lorenz Räber (Bern, Switzerland)

---

11:00 - 11:05  
**Welcome**

François Mach (Geneva, Switzerland)

11:05 - 11:30  
**Translating guidelines into practice - DAPT management**

Lorenz Räber (Bern, Switzerland)

11:30 - 11:55  
**Newest evidence around SGLT2i - a holistic therapeutic approach**

François Mach (Geneva, Switzerland)

11:55 - 12:00  
**Take-home messages and closing remarks**

Lorenz Räber (Bern, Switzerland)

---

**Nursing and Allied Professions Track, Grimsel 1/2**

11:00 - 12:30  
**Nursing track Pulmonale Hypertonie**

Chair: Gaby Stoffel (Zurich, Switzerland)  
Chair: Lukas Weibel (Basel, Switzerland)

11:00 - 11:20  
**Einstiegsreferat zum Krankheitsbild**

Markus Schwerzmann (Bern, Switzerland)

11:20 - 11:40  
**Therapieoptionen bei pulmonaler Hypertonie**

Otto Schoch (St.Gallen, Swaziland)

11:40 - 12:00  
**Pflegerische Betreuung einer unterschätzten Patientengruppe**

Simon Stickel (Zurich, Switzerland)

12:00 - 12:20  
**Gespräch mit einem Betroffenen**

Susanne Krebser (Bern, Switzerland)

12:20 - 12:30  
**Discussion**

---

**Abstract Session, Brünig 1**

11:00 - 12:00  
**Rapid Fire Abstract Session: News on Phenotyping and Risk Stratification in Acute and Chronic Heart Failure**

Chair: Matthias Paul (Luzern, Switzerland)  
Chair: Philipp Meyer (Geneva, Switzerland)

11:00 - 11:07  
**O56 Activity of the adrenomedullin system to personalize post-discharge treatment in acute heart failure**

Nikola Kozhuharov (Basel, Switzerland)
Scientific Programme

Thursday, 20 June 2019

11:07 - 11:14  O57  Association of echocardiographic progression and genetic profile in arrhythmogenic right ventricular cardiomyopathy
Francesca Guastafierro (Zürich, Switzerland)

11:14 - 11:21  O58  Relative hypochromia and mortality in acute heart failure
Nikola Kozhuharov (Basel, Switzerland)

11:21 - 11:28  O59  Genotype-phenotype correlations in patients with arrhythmogenic cardiomyopathy: results from next generation sequencing in a large multicenter cohort
Ardan Saguner (Zurich, Switzerland)

11:28 - 11:35  O60  Quantifying hemodynamic cardiac stress and cardiomyocyte injury in hypertensive and normotensive acute heart failure
Nikola Kozhuharov (Basel, Switzerland)

11:35 - 11:42  O61  Discharge echocardiographic parameters of RV and LV function but not of changes in cardiac unloading are related to 12-month prognosis during hospitalization for acute decompensated heart failure: an observational prospective study
Pierre Monney (Lausanne, Switzerland)

11:42 - 11:49  O62  Cardiac myosin-binding protein C for the diagnosis and long-term prognosis of acute heart failure
Nikola Kozhuharov (Basel, Switzerland)

11:49 - 11:56  O63  Tissue doppler imaging and outcomes in arrhythmogenic right ventricular cardiomyopathy
Sara Hosseini (Zürich, Switzerland)

Abstract Session, Harder 1-2

11:00 - 12:30  Rapid Fire Abstract Session: ACS, PCI & CABG
Chair: Aris Moschovits (Bern, Switzerland)
Chair: Andreas Indermühle (Switzerland)

11:00 - 11:07  O45  Diabetes and entry glucose levels both determine outcomes in acute coronary syndromes
Allen Davies (London, London, Switzerland)

Slayman Obeid (Zurich, Switzerland)

11:14 - 11:21  O47  Diagnosis of acute myocardial infarction in the presence of left bundle-branch block
Thomas Nestelberger (Basel, Switzerland)

11:21 - 11:28  O48  Optimal timing of invasive coronary angiography following NSTEMI
Thabo Mahendiran (Lausanne, Switzerland)
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<th>Session</th>
<th>Title</th>
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<tr>
<td>11:28 - 11:35</td>
<td>O49</td>
<td>Predictors for a prolonged time from first medical contact to</td>
<td>Olivier Roux (Lausanne, Switzerland)</td>
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<td></td>
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<td>revascularization</td>
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<tr>
<td>11:35 - 11:42</td>
<td>O50</td>
<td>Temporal trends in latecomer ST-segment elevation myocardial infarction</td>
<td>Marco Roberto (Lugano, Switzerland)</td>
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<td>patients: insights from the AMIS Plus Registry 1997-2017</td>
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<td>11:42 - 11:49</td>
<td>O51</td>
<td>Ranolazine for coronary microvascular dysfunction</td>
<td>Matthias Bossard (Luzern, Switzerland)</td>
</tr>
<tr>
<td>11:49 - 11:56</td>
<td>O52</td>
<td>Effect of permanent right internal mammary artery occlusion on right</td>
<td>Marius Reto Bigler (Bern, Switzerland)</td>
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<td></td>
<td></td>
<td>coronary artery collateral function. A randomized controlled trial</td>
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<tr>
<td>11:56 - 12:03</td>
<td>O53</td>
<td>Impact of postoperative hypothermia on outcomes after cardiac surgery</td>
<td>Vasileios Ntinopoulos (Zurich, Switzerland)</td>
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<tr>
<td>12:03 - 12:10</td>
<td>O54</td>
<td>Outcomes in patients with left ventricular non-compaction phenotype</td>
<td>Shehab Anwer (Zürich, Switzerland)</td>
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<td>and normal ejection fraction</td>
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<tr>
<td>12:10 - 12:17</td>
<td>O55</td>
<td>Dose adaptation of β-blockers after acute myocardial infarction</td>
<td>Christel Bruggmann (Lausanne, Switzerland)</td>
</tr>
</tbody>
</table>

**Industry Session, Ballsaal**

12:30 - 13:30 **Satellite symposium Bayer (Schweiz) AG: NOAC - A new treatment option in CAD and/or PAD**

Chair: Christian Müller (Basel, Switzerland)

12:30 - 12:35 **Introduction - Putting COMPASS in perspective**

Christian Müller (Basel, Switzerland)

12:35 - 12:55 **Focus on CAD and practical aspects**

Jan Steffel (Zurich, Switzerland)

12:55 - 13:15 **Focus on PAD**

Daniel Staub (Basel, Switzerland)

13:15 - 13:30 **Panel discussion and closing remarks**

Christian Müller (Basel, Switzerland)

**Industry Session, Club Casino**

12:30 - 13:30 **Satellite symposium Boston Scientific: Innovations in TAVI**

Chair: Stefan Toggweiler (Luzern, Switzerland)

Chair: Stephan Windecker (Bern, Switzerland)
Scientific Programme

Thursday, 20 June 2019

12:30 - 12:35  Introduction
Stefan Toggweiler (Luzern, Switzerland)

12:35 - 12:45  The ACURATE neo platform
Maurizio Taramasso (Zurich, Switzerland)

12:45 - 12:55  Minimalist TAVI through minimal femoral arteries or percutaneous
              subclavian access
Andreas Rück (Stockholm, Sweden)

12:55 - 13:05  The Lotus-Edge system: for which patients is this the best valve?
               Stefan Stortecky (Bern, Switzerland)

13:05 - 13:15  Cerebral Protection with Sentinel: What role does it play in 2019
               Stéphane Noble (Geneva, Switzerland)

13:15 - 13:25  Interventions for mitral regurgitation: Where to focus?
               Olaf Franzen (Zurich, Switzerland)

13:25 - 13:30  Closing remarks
Stephan Windecker (Bern, Switzerland)

Industry Session, Brünig 1

12:30 - 13:30  Satellite Atelier Medtronic: Does an Arrhythmia Heart Team
               makes sense? Towards a patient-tailored AF treatment
Chair: Christian Sticherling (Basel, Switzerland)
Chair: Sacha Salzberg (Zürich, Switzerland)
Chair: Carlo de Asmundis (Brussels, Belgium)
Chair: Thomas van Brakel (Leiden, Netherlands)

12:30 - 12:35  Introduction
Sacha Salzberg (Zürich, Switzerland)

12:35 - 12:45  Benefits of setting up a Heart Arrhythmia Team
Carlo de Asmundis (Brussels, Belgium)

12:45 - 12:55  Concomitant atrial fibrillation surgery: the Leiden approach
Thomas van Brakel (Leiden, Netherlands)

12:55 - 13:05  Long-standing persistent atrial fibrillation - limitations for the
               electrophysiologist
Christian Sticherling (Basel, Switzerland)

13:05 - 13:20  The hybrid approach for stand alone atrial fibrillation - Total
               thoracoscopic epicardial pulmonary vein and left atrial box isolation for
               long-standing persistent AF
Thomas van Brakel (Leiden, Netherlands)
Scientific Programme

Thursday, 20 June 2019

13:20 - 13:30  Q&A & end of program
Sacha Salzberg (Zürich, Switzerland)
Christian Sticherling (Basel, Switzerland)
Carlo de Asmundis (Brussels, Belgium)
Thomas van Brakel (Leiden, Netherlands)

Poster Session, Poster Exhibition

12:30 - 13:30  Poster Walk: Ablation, Pacing and Defibrillation I
Chair: Urs Eriksson (Wetzikon, Switzerland)
Chair: Firat Duru (Zurich, Switzerland)

P01 Unexpectedly high rate of lead failure of the microport (formerly Sorin/Livanova) Beflex and Vega pacemaker electrodes: a single centre experience
Marie-Theres Anwander (Bern, Switzerland)

P02 Late pacemaker implantation after transcutaneous aortic valve implantation
Elena Elchinova (Bern, Switzerland)

P03 Chronic use of flecainide and propafenone for rhythm control of atrial fibrillation and flutter in the real-world
Boldizsar Kovacs (Zurich, Switzerland)

P04 Clinical predictors for left atrial fibrosis in patients referred for catheter ablation of atrial fibrillation
Antonio Madaffari (Basel, Switzerland)

P05 Evolution and triggers of appropriate ICD shocks in patients with arrhythmogenic cardiomyopathy during long-term follow-up
Nadine Molitor (Zurich, Switzerland)

P06 Persistent atrial fibrillation terminated within the left atrium without recurrence at follow-up demonstrates a gradual intracardiac organization during stepwise ablation
Alain Pithon (Lausanne, Vaud, Switzerland)

P07 Frequency and outcome of pacemaker and ICD procedures in patients with complete d-TGA and atrial switch at a Swiss tertiary care center
Laurent Roten (Bern, Switzerland)

P08 Prognostic value of a prolonged corrected QT interval in patients with aortic stenosis undergoing valve replacement
Maja Tschumper (St. Gallen, Switzerland)

Poster Session, Poster Exhibition

12:30 - 13:30  Poster Walk: Aorta and Aortic Valve
Chair: Thomas Suter (Bern, Switzerland)
Chair: Roger Hullin (Lausanne, Switzerland)
Scientific Programme

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P09  Outcome of transcatheter aortic valve implantation in nonagenarians
     Enrico Ferrari (Lugano, Switzerland)

P10  Direct transaortic transcatheter aortic valve replacement through a right
     mini-thoracotomy.
     Enrico Ferrari (Lugano, Switzerland)

P11  Prognostic significance of pre-interventional pulmonary hypertension in
     patients undergoing transcatheter aortic valve implantation
     Mike Frischknecht (Geneva, Switzerland)

P12  10 versus 20 minutes treatment of human pericardium with
     glutaraldehyde in OZAKI procedure
     Giuseppe Isu (Basel, Switzerland)

P13  Absence of coronary artery disease in aortic stenosis: implications for
     risk factor profile and long-term outcome
     Nazar Kuzo (Zürich, Switzerland)

P14  Meaning of B-type natriuretic peptide in patients with severe aortic valve
     stenosis - pathophysiological determinants and long-term prognostic
     impact after valve replacement
     Micha Maeder (St.Gallen, Switzerland)

P15  Prognostic significance of NT-ProBNP decrease after transcatheter aortic
     valve implantation
     Leo Meyer de Stadelhofen (Geneva, Switzerland)

P16  Long-term follow-up comparison between trifecta and magna-ease aortic
     bioprosthesis: a propensity score matched study
     Raymond Pfister (Lausanne, Switzerland)

P17  Aortic root-replacement using the freestyle stentless bioprosthesis with
     and without hemiarch replacement: a retrospective analysis in various
     pathologies
     Kim Rosselet-Droux (Zurich, Switzerland)

P18  Clinical outcome and hemodynamic performances of the livanova
     perceval-S sutureless aortic bioprosthesis: a single center experience.
     Aurélien Roumy (Lausanne, Switzerland)

P20  Long-term outcomes with balloon-expandable and self-expandable
     prostheses in patients undergoing transfemoral transcatheter aortic
     valve implantation for severe aortic stenosis
     René Vollenbroich (Bern, Switzerland)

Poster Session, Poster Exhibition

12:30 - 13:30  Poster Walk: Surgical Questions around ACS

Chair: Oliver Reuthebuch (Basel, Switzerland)
Chair: Stefano Demertzis (Lugano, Switzerland)
Minimal invasive extracorporeal circulation circuits demonstrate advantages compared to conventional extracorporeal circulation in redo coronary artery bypass grafting: a propensity score analysis
Paul Philipp Heinisch (Bern, Switzerland)

Early diagnosis of myocardial infarction in patients with a history of coronary artery bypass grafting
Luca Köchlin (Basel, Switzerland)

Microplegia versus Cardioplexol (R) in coronary artery bypass surgery with minimal extracorporeal circulation: comparison of two cardioplegia concepts
Luca Köchlin (Basel, Switzerland)

Blood flow assessment by transit time flow measurement and its prognostic impact in coronary bypass surgery
Lars Niclaus (Sion, Switzerland)

Multi-slice computed tomography for quality control in asymptomatic patients after coronary artery bypass grafting
Martin Schmiady (Zurich, Switzerland)

Complete arterial aortic no-touch off-pump coronary artery bypass grafting: best strategy to reduce adverse neurological outcomes?
Martin Schmiady (Zurich, Switzerland)

Post-traumatic stress disorder after acute myocardial infarction: prevalence and predictors
Alexandre Deglise (Fribourg, Switzerland)

Direct oral anticoagulants versus vitamin K-antagonists for treatment of left ventricular thrombus - Insights from multicenter registry
Kalgini Durrer-Ariyakuddy (Luzern, Switzerland)

Initial experience of ECG screening in pediatric athletes during a popular pedestrian race in Switzerland
Mohamed Amin El-Aji (Geneva, Switzerland)

Regular phonation and respiratory muscle training improve respiratory muscle strength and quality of life in patients with structural heart disease - the HeartChoir randomized clinical controlled trial
Cornelia Ganzoni (Basel, Basel-Stadt, Switzerland)

Preliminary assessment of smart-meds, an interactive app helping patients to manage medication after an acute coronary syndrome
Liliane Gschwind (Geneva, Switzerland)
Scientific Programme

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P31 Pulmonary artery pressure is elevated three month after delivery in patients with preeclampsia and antiphospholipid syndrome
Alexandra Neagoe (Bern, Switzerland)

P32 A randomized-controlled study on active commuting to work: effects on cardiovascular risk, exercise capacity, body composition and quality of life
David Niederseer (Zurich, Switzerland)

P33 Value-based PCSK9-inhibitor prices derived from fixed QALY-based and individual LDL based models.
Michel Romanens (Olten, Switzerland)

P34 Early starting age of endurance training is associated with a higher aortic distensibility
Christoph Ryffel (Bern, Switzerland)

P35 Symptoms and quality of life in patients with coexistent atrial fibrillation and atrial flutter
Samuel Stempfel (Basel, Switzerland)

12:30 - 13:30
Poster Session, Poster Exhibition

Poster Walk: Cardiac Imaging
Chair: Peter Burger (Bern, Switzerland)
Chair: Stefano de Marchi (Bern, Switzerland)

P21 Indexed coronary volume - a potential novel low-dose CCTA derived predictor for cardiovascular events
Georgios Benetos (Zurich, Switzerland)

P22 Diagnostic accuracy of coronary artery calcium score for immediate prediction of myocardial ischaemia
Olivier F Clerc (Basel, Switzerland)

P23 Computed tomography angiography for the diagnosis of coronary artery disease among patients undergoing transcatheter aortic valve implantation
David Meier (Lausanne, Switzerland)

P24 Adaptation of left atrial function in acute and chronic ST-segment elevation myocardial infarction
Anna Giulia Pavon (Lausanne, Switzerland)

P25 Strain parameters using CMR feature tracking are associated with fibrosis and not with edema in patients with suspected myocarditis
Anselm Stark (Bern, Switzerland)
### Thursday, 20 June 2019

#### SSC Track, Theatersaal

**13:30 - 14:30**

**Joint Workshop ESC - WIC - SCOT/YSCCSC Fascination of science**

Chair: Leonardo Glutz von Blotzheim (Zürich, Switzerland)
Chair: Hildegard Tanner (Bern, Switzerland)

13:30 - 13:50
- *What cardiologists could learn from the zebrafish*
- Nadia Mercader Huber (Bern, Switzerland)

13:50 - 14:10
- *Why should one pursue a career in academic cardiology?*
- Barbara Casadei (Oxford, United Kingdom)

14:10 - 14:30
- Informal exchange

#### SSCS Track, Ballsaal

**13:30 - 14:30**

**SSCS Track Mitraclip - a debate**

Chair: Friedrich S. Eckstein (Basel, Switzerland)
Chair: Stephan Windecker (Bern, Switzerland)

13:30 - 13:55
- *Pro*
- Francesco Maisano (Zurich, Switzerland)

13:55 - 14:20
- *Con*
- Frank Ruschitzka (Zurich, Switzerland)

14:20 - 14:30
- Discussion

#### Industry Session, Club Casino

**13:30 - 14:30**

**Satellite symposium AMGEN Switzerland AG: Optimizing cardiovascular outcomes with PCSK9 inhibitors: start now before a potential next MI or stroke!**

Chair: François Mach (Geneva, Switzerland)

13:30 - 13:35
- Welcome and Faculties introduction by the Chairman
- François Mach (Geneva, Switzerland)

13:35 - 13:55
- The criticality of elevated LDL-C: When statins are not enough
- Christian Müller (Basel, Switzerland)

13:55 - 14:05
- Treating cardiovascular patients at risk: taking action  Case discussion: Office-based Cardiologist
- Ralf Polikar (Nyon, Switzerland)

14:05 - 14:15
- Treating cardiovascular patients at risk: taking action  Case discussion: Clinic- & Office-based Cardiologist
- Florim Cuculi (Luzern, Switzerland)
Scientific Programme

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14:15 - 14:25  Post-myocardial Infarction Care: Medication and collaboration between clinicians and physicians in outpatient follow-up
Jan Steffel (Zurich, Switzerland)

14:25 - 14:30  Take-home message and closing remarks
François Mach (Geneva, Switzerland)

Assembly, Grimsel 1/2

13:30 - 14:30  Assembly: working group for cardiovascular nurses and allied professionals

SSH Track, Brünig 1

13:30 - 14:30  SSH track ESC/ESH Guidelines for Hypertension
Chair: Georg Noll (Zurich, Switzerland)
Chair: Stefano Rimoldi (Bern, Switzerland)

13:30 - 13:45  The new ESC/ESH guidelines for hypertension: position statement of the SHS
Isabella Sudano (Zurich, Switzerland)

13:45 - 14:00  What’s new
Thomas Dieterle (Liestal, Switzerland)

14:00 - 14:15  Recommendations for patients with renal failure and diabetes mellitus
Grégoire Würzner (Lausanne, Switzerland)

14:15 - 14:30  What do the guidelines recommend for old patients?
Andreas Schönenberger (Bern, Switzerland)

Abstract Session, Harder 1-2

13:30 - 15:00  Rapid Fire: Cardiac Surgery Abstract Session
Chair: Nestoras Papadopoulos (Switzerland)
Chair: Raed Aser (Switzerland)

13:30 - 13:37  O64  Vein graft failure and intraoperative storage solutions: which is the best in preserving graft function?
Francesca Toto (Lugano, Switzerland)

13:37 - 13:44  O65  Postoperative administration of tranexamic acid as approach to reduce blood loss after open-heart surgery
Florian Meissner (Dresden, Germany)

Denis Berdajs (Basel, Switzerland)
### Scientific Programme

#### Thursday, 20 June 2019

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<tr>
<td>13:58 - 14:05</td>
<td>O68</td>
<td>Perioperative geriatric characterization of TAVI patients age 70+</td>
<td>Valentina Delfine (Lausanne, Switzerland)</td>
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<td>14:05 - 14:12</td>
<td>O69</td>
<td>30-days outcome of valve sparing aortic root replacement with the re-implantation technique in acute type A aortic dissection: a single center experience</td>
<td>Mohammed Morjan (Zuerich, Switzerland)</td>
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<tr>
<td>14:12 - 14:19</td>
<td>O70</td>
<td>Rapid-deployment aortic valve implantation with concomitant new aortic annulus stabilization technique: 1-year follow-up</td>
<td>Enrico Ferrari (Lugano, Switzerland)</td>
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<td>14:19 - 14:26</td>
<td>O71</td>
<td>Coronary artery bypass grafting using microplegia and minimal extracorporeal circulation versus off-pump coronary artery bypass grafting</td>
<td>Luca Köchlin (Basel, Switzerland)</td>
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<tr>
<td>14:26 - 14:33</td>
<td>O72</td>
<td>Skeletonized bilateral mammary arteries for myocardial revascularization in elderly patients (&gt;70 years of age): a new ‘standard of care’?</td>
<td>Tiziano Torre (Lugano, Switzerland)</td>
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<td>14:33 - 14:40</td>
<td>O73</td>
<td>Real-time multimodality fusion imaging platform to optimize catheter-based mitral valve interventions</td>
<td>Alberto Pozzoli (Zürich, Switzerland)</td>
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<td>14:40 - 14:47</td>
<td>O74</td>
<td>Downstream Aorta remodelling in DeBakey I acute aortic dissection following modified frozen elephant trunk procedure</td>
<td>Denis Berdajs (Basel, Switzerland)</td>
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<td>14:47 - 14:54</td>
<td>O75</td>
<td>A rare case of persistent anti-PF4/heparin antibodies successfully managed with cangrelor in a patient undergoing cardiac surgery</td>
<td>Emmanuelle Scala (Lausanne, Vaud, Switzerland)</td>
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**Poster Session, Poster Exhibition**

**Poster Walk: Cardiovascular Biology**

Chair: Christophe Montessuit (Geneva, Switzerland)
Chair: Christian Matter (Zürich, Switzerland)

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<td>P50</td>
<td>GDF11 promotes increased sensitivity of the murine heart to ischemic injury</td>
<td>Alexander Akhmedov (Schlieren, Switzerland)</td>
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<tr>
<td>P51</td>
<td>Targeting the methyltransferase setd7 protects the heart against ischemic damage</td>
<td>Samuele Ambrosini (Schlieren, Switzerland)</td>
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P52  Circulating exosomes as biomarkers in patients after ST-elevation myocardial infarction
Jacopo Burrello (Lugano, Switzerland)

P53  Fatty acid-induced activation of merlin causes endothelial dysfunction: insights in patients with cardiometabolic disturbances
Sarah Costantino (Schlieren, Switzerland)

Enrico Ferrari (Lugano, Switzerland)

P55  Devices and methods for transcatheter removal of mechanical heart valve leaflets
Paul Philipp Heinisch (Bern, Switzerland)

P56  Human iPSC-derived cardiomyocytes as cell-based platform to study cardiac senescence
Edoardo Lazzarini (Lugano, Switzerland)

P57  Endothelial SIRT6 exerts a beneficial role in cerebral ischemia/reperfusion injury by preserving blood-brain barrier integrity
Luca Liberale (Schlieren, Switzerland)

P58  The nuclear receptor corepressor 1 blocks CD36-mediated foam cell formation in atherogenesis
Sara Oppi (Schlieren, Switzerland)

13:30 - 14:30
Poster Walk: Ablation, Pacing and Defibrillation II
Chair: Andreas Müller (Zürich, Switzerland)

P42  Identification and characterization of suitable S-ICD sensing vectors for patients with ajmaline-induced Brugada syndrome
François Regoli (Lugano, Switzerland)

P43  QTc prolongation in connective tissue disorders - prevalence and correlation with ventricular tachycardia
Burbuqe Ibrahim (Zurich, Switzerland)

P44  Right atrial electrogram complexity predicts acute outcome of extra-pulmonary vein substrate modification in atrial fibrillation ablation
Nicolas Johner (Geneva, Switzerland)

P45  Short QT phenotype in a family with genetic variants in the KCNH2 and SLC4A3 genes - the role of prediction tools, whole exome sequencing and genetic cascade screening
Boldizsar Kovacs (Zurich, Switzerland)
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P46  
The timing of new left bundle branch block predicts the need for permanent pacemaker implantation in patients undergoing transcatheter aortic valve implantation  
Lucca David Loretz (Zürich, Switzerland)

P47  
Correlation between CHA2-DS2-VASc score and P-wave duration as an indicator for atrial cardiomyopathy  
Nikolas Nozica (Bern, Bern, Switzerland)

P48  
Recurring patterns of ventricular response during persistent atrial fibrillation correlate with the ablation outcomes  
Yann Prudat (Lausanne, Switzerland)

P49  
Predictors of atrial fibrosis in patients with atrial fibrillation referred for catheter ablation  
Valentina Alice Rossi (Zurich, Switzerland)

Poster Session, Poster Exhibition

13:30 - 14:30

Poster Walk: Questions around ACS & PCI

Chair: Marco Roffi (Geneva, Switzerland)  
Chair: Pascal Meier (Chur, Switzerland)

P71  
Validation of quantitative flow reserve and residual quantitative flow reserve to predict fractional flow reserve post stenting from the DOCTORS (Does Optical Coherence Tomography Optimize Results of Stenting) study population  
Julien Adjedj (Lausanne, Switzerland)

P72  
Hemodynamic and clinical impact of Anomalous connections of Coronary arteries using computed tomography-derived Fractional Flow Reserve (FFRCT) from the ANOCOR registry  
Julien Adjedj (Lausanne, Switzerland)

P73  
Invasive assessment of the human palmar arterial arch collateral function during transradial catheterization  
Marius Reto Bigler (Bern, Switzerland)

P74  
Left ventricular ejection fraction and N-terminal pro b-type natriuretic peptide predict cardiovascular outcomes, heart failure and cardiac death one year after acute coronary syndromes  
Andrea Denegri (Mantova, Italy)

P75  
Impact of manual thrombectomy on microvascular obstruction among STEMI patients  
David Meier (Lausanne, Switzerland)

P76  
Impact of cancer on clinical outcomes of acute coronary syndrome  
Slayman Obeid (Zurich, Switzerland)

P77  
Non-invasive assessment prior to invasive coronary angiography in routine clinical practice in Switzerland - is it according to the guidelines?  
Rebecca Schiefer (St. Gallen, Switzerland)
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P78 Association of the body mass index with outcomes in elderly patients (≥80 years) undergoing percutaneous coronary intervention
Barbara Stähli (Zürich, Switzerland)

13:30 - 14:30 Poster Session, Poster Exhibition

13:30 - 14:30 Poster Walk: Clinical Cases Surgery
Chair: Achim Häussler (Zurich, Switzerland)
Chair: Christoph Huber (Geneva, Switzerland)

P59 Not everything that glitters is gold - Lambl's excrescences mimicking endocarditis
Martin Beyer (Luzern, Switzerland)

P60 Late post sternotomy 'wound healing disorders' due to neoplastic invasion: a diagnostic challenge
Sebastien Colombier (Sion, Switzerland)

P61 Transcatheter aortic valve replacement in patients with concomitant Type-A aortic dissection.
Michele Gallo (Lugano, Switzerland)

P62 Transcatheter intentional aortic cusps laceration to prevent iatrogenic coronary obstruction during Valve-in-Valve transcatheter aortic valve implantation with a novel technique
Gökhan Gülmez (Zürich, Switzerland)

P63 Right heart failure caused by fat-emboli in the right coronary artery in a patient undergoing mitral valve repair
Achim Häussler (Zurich, Switzerland)

P64 Nine year survival of a patient with a primary mitral valve sarcoma after an extensive surgical resection
Helen Löblein (Zurich, Switzerland)

P65 Three-dimensional transesophageal echocardiography reconstruction in acute mechanical mitral valve obstruction during pregnancy
Gregory Reid (Basel, Switzerland)

P66 Chest wall reconstruction and latissimus dorsi muscle flap plastic in an obese patient- suffering from recurring post-OP thoracic instability with a large soft tissue defect
Laura Rings (Zurich, Switzerland)

P67 Dysphagia lusoria in 40-year old female patient - a rare but debilitating malformation
Laura Rings (Zurich, Switzerland)

P68 Surgical treatment of late pulmonary arteries stenosis in a 13-old patient after PDA closure with VSD-occluder implantation
Michal Sobieraj (Geneva, Switzerland)
Morbid obesity in end stage heart failure: how safe is bariatric surgery in ventricular assist device recipients?
Aittigrine Souhila (Lausanne, Switzerland)

Contained left ventricle free-wall rupture by pericardial adherences
Nurcan Yilmaz (Geneva, Switzerland)

Joint SSC/SSCS Prize Lecture
Chair: Friedrich S. Eckstein (Basel, Switzerland)
Chair: Giovanni Pedrazzini (Lugano, Switzerland)

Senning lecture: You can train a Monkey to do an Operation but it needs a Surgeon to perform Surgery
Louis Egloff (Switzerland)
Markus Studer (Switzerland)

Andreas Grüntzig lecture: Prometheus and the future of cardiology
Thomas Lüscher (London, United Kingdom)

Medtronic Young Surgeon Award presentation Early Diagnosis of Myocardial Infarction in Patients with a History of Coronary Artery Bypass Grafting
Luca Köchlin (Basel, Switzerland)

Amgen Swiss Cardiology Research Prize presentation
Jasper Boeddinghaus (Basel, Switzerland)

SCOT / YSCSC Clinical Cases - supersaver or disaster
Chair: Achim Häussler (Zurich, Switzerland)
Chair: Pascal Meier (Chur, Switzerland)

Case 1
Gregor Thalmann (Chur, Switzerland)

Case 3
Murat Yildiz (Bern, Switzerland)

Case 2
Laura Rings (Zurich, Switzerland)

Case 4
Constantin Mork (Basel, Switzerland)
### Scientific Programme

**Thursday, 20 June 2019**

<table>
<thead>
<tr>
<th>Time</th>
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| 14:45 - 15:45    | **Satellite symposium Pfizer AG: Have you considered cardiac amyloidosis in your patients?**  
                  | Chair: Roger Hullin (Lausanne, Switzerland)                          |
| 14:45 - 15:00    | **Looking beyond heart failure**  
                  | Philippe Meyer (Geneva, Switzerland)                                 |
| 15:00 - 15:15    | **Cardiac Amyloidosis: Unfold a complex disease**  
                  | Andreas J. Flammer (Zurich, Switzerland)                              |
| 15:15 - 15:30    | **Accurate Diagnosis in cardiac Amyloidosis: why is it so important?**  
                  | Thomas Suter (Bern, Switzerland)                                     |
| 15:30 - 15:45    | **Management options for cardiac amyloidosis**  
                  | Simon Stämpfli (Luzern, Switzerland)                                 |

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<tr>
<th>Time</th>
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| 14:45 - 16:15    | **Nursing track Minimalinvasive Intervention am Herzen im Katheterlabor**  
                  | Chair: Susanne Lerch (Bern, Switzerland)  
                  | Chair: Katrin Vogt (Aarau, Switzerland) |
| 14:45 - 15:10    | **Fachlicher Überblick: Möglichkeiten im Katheterlabor**  
                  | Franz Eberli (Zurich, Switzerland)                                    |
| 15:10 - 15:35    | **Pflegerische Intervention rund um den Kathetereingriff: Fokus Schmerz (Prävention, Therapie)**  
                  | Birgit Delfosse-Raab (Zurich, Switzerland)                            |
| 15:35 - 16:00    | **Patient-centered care before and after a percutaneous coronary intervention**  
                  | Catherine Bolduc (Lausanne, Switzerland)                              |
| 16:00 - 16:15    | **Discussion**                                                       |

<table>
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| 14:45 - 15:45    | **Satellite Atelier Menarini: Patient-Tailored Approach in Stable Coronary Artery Disease**  
                  |                                                                 |
| 14:45 - 14:55    | **State of the Art Diagnosis and Therapy of Stable Angina**  
                  | Michael Zellweger (Basel, Switzerland)                               |
| 14:55 - 15:20    | **Interactive Discussion of Patient Case 1**  
                  | Béatrice Veragut Davies (Carouge, Switzerland)                       |
| 15:20 - 15:40    | **Interactive Discussion of Patient Case 2**  
                  | Michael Zellweger (Basel, Switzerland)                               |
Thursday, 20 June 2019

15:40 - 15:45  Summary
Béatrice Veragut Davies (Carouge, Switzerland)

Abstract Session, Brünig 3

14:45 - 16:00  Abstract Session: Basic Cardiology
Chair: Christophe Montessuit (Geneva, Switzerland)
Chair: Marie-Luce Piallat (Geneva, Switzerland)

14:45 - 15:00  O06  Sirtuin 5 regulates arterial thrombosis by modulating endothelial plasminogen activator inhibitor-1
Luca Liberale (Schlieren, Switzerland)

15:00 - 15:15  O07  The plant derived omega 3 fatty acid alpha linolenic acid prevents age-dependent arterial stiffness and improves outcome after stroke in mice
Nicole R. Bonetti (Schlieren, Switzerland)

15:15 - 15:30  O08  Chromatin modifications by methyltransferase SETD7 regulate endothelial cell migration and angiogenic response in experimental diabetes
Shafeeq Ahmed Mohammed (Zurich, Switzerland)

15:30 - 15:45  O09  The functional relevance of bile acids in the improvement of HDL-mediated endothelial protection after Roux-en-y gastric bypass
Anne Jomard (Schwerzenbach, Switzerland)

15:45 - 16:00  O10  Cardiac progenitor cell exosome-associated periostin triggers reentry of cardiomyocytes into cell cycle
Lucio Barile (Lugano, Switzerland)

SSC Track, Theatersaal

16:45 - 18:15  SSC track New guidelines on syncope
Chair: Firat Duru (Zurich, Switzerland)
Chair: Michael Kühne (Basel, Switzerland)

16:45 - 17:15  Initial evaluation and diagnostic tests
Michele Brignole (Lavagna, Italy)

17:15 - 17:25  Case 1
Haran Burri (Geneva, Switzerland)

17:25 - 17:35  Discussion

17:35 - 17:45  Case 2
Dagmar Keller (Zurich, Switzerland)

17:45 - 17:55  Discussion

17:55 - 18:05  Case 3
Richard Kobza (Luzern, Switzerland)
Scientific Programme

Thursday, 20 June 2019

18:05 - 18:15 Discussion

16:45 - 18:15 SSCS Track, Ballsaal

**SSCS track Progress in coronary revascularisation**

Chair: Piergiorgio Tozzi (Lausanne, Switzerland)

16:45 - 16:57 Off-pump
Omer Dzemali (Zurich, Switzerland)

16:57 - 17:09 MIDCAB
Peter Matt (Luzern, Switzerland)

17:09 - 17:21 CBP
André Plass (Zurich, Switzerland)

17:21 - 17:33 MECC
Lars Englberger (Bern, Switzerland)

17:33 - 17:45 Cardioplegic strategies
Oliver Reuthebuch (Basel, Switzerland)

17:45 - 17:57 Endoscopic graft harvesting
Thibault Schaeffer (Basel, Switzerland)

17:57 - 18:09 Modes of revascularisation: always full arterial?
Stefano Demertzis (Lugano, Switzerland)

18:09 - 18:15 Discussion

16:45 - 17:45 Industry Session, Club Casino

**Satellite symposium Daiichi Sankyo: The most challenging questions in cardiology CARDivity: play, learn and win!**

Chair: Christian Müller (Basel, Switzerland)

16:45 - 18:15 Abstract Session, Grimsel 1/2

**Abstract Session: Clinical Cases II**

Chair: Tomoé Stampfli-Andres (Switzerland)
Chair: Alexander Breitenstein (Zurich, Switzerland)

16:45 - 17:00 O11 A rare cause of acute coronary syndrome
Barbara Pitta Gros (Lausanne, Switzerland)

17:00 - 17:15 O12 An unusual cause of Tako-Tsubo cardiomyopathy - the solution is close-by
Stefanie Barnsteiner (St. Gallen, Switzerland)
Scientific Programme

Thursday, 20 June 2019

17:15 - 17:30  O14  Thebesian veins draining to the left ventricle mimicking left ventricular non-compaction
Simon Stämpfli (Luzern, Switzerland)

17:30 - 17:45  O15  Suspected Takotsubo syndrome relapse and asymptomatic malignant ventricular arrhythmia
Elia Rigamonti (Lausanne, Switzerland)

17:45 - 18:00  O16  Severe pulmonary steno-insufficiency due to metastatic carcinoid tumor in a 57 y old patient treated by Melody Valve: first experience
Giacomo Maria Viani (Lugano, Switzerland)

Industry Session, Brünig 1

16:45 - 17:45  Satellite Atelier Servier S.A.: “Lower and faster: will the new Guidelines in hypertension change the treatment landscape?”
Chair: Frank Ruschitzka (Zurich, Switzerland)
Chair: François Mach (Geneva, Switzerland)

Assembly, Club Casino

18:00 - 18:45  Assembly: women in cardiology
Chair: Hildegard Tanner (Bern, Switzerland)
Chair: Marianne Zimmerli (Thun, Switzerland)
SCC Track, Theatersaal

08:00 - 09:30  **SSC track Evaluation of unstable troponin-negative angina**

Chair: Aristomenis Exadaktylos (Bern, Switzerland)
Chair: Florim Cuculi (Luzern, Switzerland)

08:00 - 08:15  **Whom to treat as out- and whom to treat as in-patient?**
Barbara Stähli (Zürich, Switzerland)

08:15 - 08:22  **Case Discussion**

08:22 - 08:37  **Which imaging modality at what time? Pro Echo/Stressecho**
Felix Tanner (Zurich, Switzerland)

08:37 - 08:44  **Case Discussion**

08:44 - 08:59  **Which imaging modality at what time? Pro CT**
Philip Haaf (Basel, Switzerland)

08:59 - 09:06  **Case Discussion**

09:06 - 09:21  **Clinical case presentation**
Tomoé Stampfli Andres (Meyrin, Switzerland)

09:21 - 09:28  **Case Discussion**

SCC Track, Ballsaal

08:00 - 09:30  **Assessment for cardiotoxicity**

Chair: Hajo Müller (Geneva, Switzerland)
Chair: Simon Stämpfli (Luzern, Switzerland)

08:00 - 08:15  **Biomarkers**
Daniela Cardinale (Milano, Italy)

08:15 - 08:30  **Echocardiography**
Alain Bernheim (Zurich, Switzerland)

08:30 - 08:45  **MRI**
Jürg Schwitter (Lausanne, Switzerland)

08:45 - 09:00  **How to predict reversible and irreversible cardiotoxicity**
Thomas Suter (Bern, Switzerland)

09:00 - 09:15  **Clinical case presentation**
Eva Hägler-Laube (Bern, Switzerland)

09:15 - 09:30  **Discussion**
**Abstract Session, Club Casino**

### 08:00 - 09:30

**Abstract Session: Clinical Cases III**

**Chair:** Michel Zuber (Zurich, Switzerland)
**Chair:** Béatrice Veragut Davies (Carouge, Switzerland)

**08:00 - 08:15**

**017** Recurrent bleeding due to interaction of low-dose apixaban with amiodarone and the anticholinergic drug darifenacin in the context of renal insufficiency: the pitfalls of polypharmacy in elderly patients

Matthias P. Nägele (Baden, Switzerland)

**08:15 - 08:30**

**018** Mechanical mitral valve thrombosis in pregnancy: What now?

Nadine Molitor (Zurich, Switzerland)

**08:30 - 08:45**

**019** Streptococcus pneumoniae - a threat to the heart

Susanne Anna Schlossbauer (Lugano, Switzerland)

**08:45 - 09:00**

**020** Giant coronary artery aneurysm associated with abdominal aortic aneurysm

Sara Schukraft (Fribourg, Switzerland)

**09:00 - 09:15**

**021** Innovative treatment of medically uncontrolled protein-losing enteropathy after Fontan surgery: a case report

Sebastiano A.G. Lava (Lausanne, Switzerland)

**09:15 - 09:30**

**022** Cardiac sarcoidosis: clinical case

Quentin Chatelain (Geneva, Switzerland)

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**SCT/SAKR Track, Grimsel 1/2**

### 08:00 - 09:30

**SCT/SCPRS track The aging in cardiac rehabilitation**

**Chair:** Antje Meissner (Bern, Switzerland)
**Chair:** Philippe Meyer (Geneva, Switzerland)

**08:00 - 08:12**

**The old and frail patient - do's and don'ts**

Hansueli Tschanz (Heiligenschwendi, Switzerland)

**08:12 - 08:22**

**Q&A**

**08:22 - 08:34**

**The complicated patient after TAVI - what to focus on**

Stéphane Noble (Geneva, Switzerland)

**08:34 - 08:44**

**Q&A**

**08:44 - 08:56**

**Cognitive impairment - how to address and how to manage**

Reto W. Kressig (Basel, Switzerland)

**08:56 - 09:06**

**Q&A**

**09:06 - 09:18**

**HFpEF - new candidate for cardiac rehabilitation**

Matthias Wilhelm (Bern, Switzerland)

**09:18 - 09:28**

**Q&A**
Scientific Programme

Friday, 21 June 2019

SGPK/WATCH Track, Brünig 1

08:00 - 09:30 Congenital Friday Beyond the heart
Chair: Markus Schwerzmann (Bern, Switzerland)
Chair: Nicole Sekarski-Hunkeler (Lausanne, Switzerland)

08:00 - 08:15 Genetics in CHD – a practical approach for the CHD clinician
Anita Rauch (Zurich, Switzerland)

08:15 - 08:20 Discussion

08:20 - 08:35 Immunology in CHD
Urs Eriksson (Wetzikon, Switzerland)

08:35 - 08:40 Discussion

08:40 - 08:55 Hepatology – from PLE to cirrhosis
Monserrat Fraga (Lausanne, Switzerland)

08:55 - 09:00 Discussion

09:00 - 09:15 Clinical relevance – 3 cases from daily practice
Matthias Greutmann (Zurich, Switzerland)

09:15 - 09:30 Expert panel commentaries & discussion

SSC Track, Theatersaal

10:00 - 11:30 Main session Cancer and the heart
Chair: Gabriela Kuster (Basel, Switzerland)
Chair: Thomas Suter (Bern, Switzerland)

10:00 - 10:20 Pharmacology of cancer therapeutics – the essentials from the oncologist for the cardiologist
Sacha Rothschild (Basel, Switzerland)

10:20 - 10:40 Cardiac evaluation before and during cancer therapy
Daniel Rhyner (Bern, Switzerland)

10:40 - 11:00 Cancer survivors – Treatment complications for the oncologist to deal with
Jörg Beyer (Bern, Switzerland)

11:00 - 11:20 Cardiac surveillance of cancer survivors
Christian Matter (Zurich, Switzerland)

11:20 - 11:30 Discussion
Friday, 21 June 2019

SSC Track, Ballsaal

10:00 - 11:30  **SSC track Lipid lowering therapy in different age groups: when to start and when to stop**

   Chair: Isabella Sudano (Zurich, Switzerland)
   Chair: David Nanchen (Lausanne, Switzerland)

10:00 - 10:25  **When and how to start in FH?**
   Natalie Brun (Carouge, Switzerland)

10:25 - 10:50  **Until which age to initiate and continue lipid lowering treatment?**
   Nicolas Rodondi (Bern, Switzerland)

10:50 - 11:15  **Decision modifiers**
   David Nanchen (Lausanne, Switzerland)

11:15 - 11:30  Discussion

SSC Track, Club Casino

10:00 - 11:30  **SSC track Acute management of Endocarditis**

   Chair: Michele Genoni (Zurich, Switzerland)
   Chair: Robert Sieber (St.Gallen, Switzerland)

10:00 - 10:20  **Algorithm and differential diagnosis in the ED?**
   Beat Lehmann (Bern, Switzerland)

10:20 - 10:40  **Echocardiography and multi-modality imaging**
   Pierre Monney (Lausanne, Switzerland)

10:40 - 11:00  **Infections in novel devices: TAVI-associated endocarditis**
   Anna Conen (Aarau, Switzerland)

11:00 - 11:20  **The role of the cardiac surgeon in a multidisciplinary team**
   Carlos Mestres (Zurich, Switzerland)

11:20 - 11:30  Discussion

SCT/SACR Track, Grimsel 1/2

10:00 - 11:30  **SCT/SCPRS track Multimorbidity in cardiac rehabilitation**

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

10:00 - 10:20  **Multimorbid patient - challenge for the therapeutic team**
   Sandro Galli (Baden, Switzerland)

10:20 - 10:40  **Heart disease and sexual dysfunction**
   Mauro Capoferri (Lugano, Switzerland)
Scientific Programme

Friday, 21 June 2019

10:40 - 11:00  Patient with minor stroke – do they fit into a cardiac rehabilitation programme?
Mirjam Heldner (Bern, Switzerland)

11:00 - 11:20  Psychocardiology – which patient, which approach?
Mirjam Löffel (Barmelweid, Switzerland)

11:20 - 11:30  Discussion

SGPK/WATCH Track, Brünig 1

10:00 - 11:30  Congenital Friday What happened to our challenging cases?
Chair: Walter Knirsch (Zurich, Switzerland)
Panel: Judith Bouchardy (Lausanne, Switzerland)
Panel: Martin Glöckler (Bern, Switzerland)
Chair: Patrick Myers (Geneva, Switzerland)

10:00 - 10:05  Case from Basel
Daniel Tobler (Basel, Switzerland)

10:05 - 10:10  Expert panel

10:10 - 10:15  Case part II & discussion

10:15 - 10:20  Case from Lausanne/Geneva
Stefania Aur (Lausanne, Switzerland)

10:20 - 10:25  Expert panel

10:25 - 10:30  Case part II & discussion

10:30 - 10:35  Case from Zurich
Daniela Babic (Zürich, Switzerland)

10:35 - 10:40  Expert panel

10:40 - 10:45  Case part II & discussion

10:45 - 10:50  Case from Bern
Kerstin Wustmann (Bern, Switzerland)

10:50 - 10:55  Expert panel

10:55 - 11:00  Case part II & discussion

11:00 - 11:05  Case from St. Gallen
Dominik Stambach (St.Gallen, Switzerland)

11:05 - 11:10  Expert panel

11:10 - 11:15  Case part II & discussion

11:15 - 11:30  Round up
Scientific Programme

Friday, 21 June 2019

10:00 - 11:00

Rapid Fire Abstract Session: News on Hemodynamics and Outcomes in Patients Undergoing Valve Procedure and Assist Device Implantation

Chair: Otmar Pfister (Basel, Switzerland)
Chair: Daniel Weilenmann (St.Gallen, Switzerland)

10:00 - 10:07 O76
Staging classification of cardiac damage according to invasive hemodynamics in patients with severe aortic stenosis undergoing valve replacement
Micha Maeder (St.Gallen, Switzerland)

10:07 - 10:14 O77
Outcomes of transcatheter tricuspid valve intervention (TTVI) in patients with pacemaker or defibrillator leads: data from the TriValve Registry
Maurizio Taramasso (Zurich, Switzerland)

10:14 - 10:21 O78
Single-centre three-year experience with the HeartMate 3 left ventricular assist device
Anna Nowacka (Lausanne, Switzerland)

10:21 - 10:28 O79
Hemodynamic implications of concomitant mitral regurgitation in patients with aortic stenosis undergoing aortic valve replacement
Micha Maeder (St.Gallen, Switzerland)

10:28 - 10:35 O80
Clinical comparative analysis of Bretschneider and St. Thomas cardioplegia solution in mitral valve repair via anterolateral right thoracotomy
Constantin Mork (Basel, Switzerland)

10:35 - 10:42 O81
Safety and efficacy of transcatheter aortic valve implantation with continuation of oral anticoagulation
Stefan Toggweiler (Luzern, Switzerland)

10:42 - 10:49 O82
Exercise hemodynamics on LVAD support: poor left ventricle unloading despite normal hemodynamics at rest
Julien Regamey (Lausanne, Switzerland)

11:45 - 12:45

SSC Track, Theatersaal
SSC Track Master class session hypertrophic cardiomyopathy

Chair: Christiane Gruner (Zurich, Switzerland)
Chair: Siv Fokstuen (Bern/Geneva, Switzerland)

11:45 - 12:05
State of the art lecture
Perry Elliot (London, United Kingdom)

12:05 - 12:10
Case 1
Niklas Ehl (St. Gallen, Switzerland)

12:10 - 12:17
Discussion
Scientific Programme

Friday, 21 June 2019

12:17 - 12:22  
Case 2  
Christiane Gruner (Zurich, Switzerland)

12:22 - 12:29  
Discussion

12:29 - 12:34  
Case 3  
Hansjörg Meier (Zofingen, Switzerland)

12:34 - 12:41  
Discussion

Industry Session, Ballsaal

11:45 - 12:45  
Satellite Symposium Bristol-Myers Squibb / Pfizer: Clinical challenges in atrial fibrillation - an update 2019  
Chair: Stephan Windecker (Bern, Switzerland)

11:45 - 12:05  
Combining anticoagulation and antiplatelet therapy in Afib - Results from the AUGUSTUS trial  
Stephan Windecker (Bern, Switzerland)

12:05 - 12:25  
Evolving paradigms with dual-triple therapy in Afib patients’ practice  
Marco Valgimigli (Bern, Switzerland)

12:25 - 12:45  
Anticoagulation in high-risk patients with Afib  
François Mach (Geneva, Switzerland)

Assembly, Club Casino

11:45 - 12:45  
Meeting SSC/SSCS-Boards & Industry CEOs  
Chair: Michel Zuber (Zurich, Switzerland)  
Chair: Marjam Rüdiger-Stürchler (Basel, Switzerland)

SCT/SAKR Track, Grimsel 1/2

11:45 - 12:45  
SCT/SCPRS track The athlete's aging heart  
Chair: Vincent Gabus (Lausanne, Switzerland)  
Chair: Rupprecht Lange (Basel, Switzerland)

11:45 - 12:05  
Sport with cardiac device  
Christian Schmied (Zürich, Switzerland)

12:05 - 12:25  
The limits of cardiac performance: can too much exercise damage the heart?  
Aaron Leigh Baggish (Boston, United States)

12:25 - 12:45  
Sudden cardiac death in Switzerland  
Babken Asatryan (Bern, Switzerland)
Scientific Programme

Friday, 21 June 2019

SGPK/WATCH Track, Brünig 1

11:45 - 12:45

**Congenital Friday Controversies in CHD**

Chair: Tornike Sologashvili (Geneva, Switzerland)
Chair: Walter Knirsch (Zurich, Switzerland)

Coarctation & AA management

11:45 - 12:00

Pro - Surgery
Patrick Myers (Geneva, Switzerland)

12:00 - 12:15

Pro - Intervention
Heiko Schneider (Zurich, Switzerland)

2nd round: Aortic stenosis in a 30 year old mountainbike fanatic - between Scylla & Charybdis

12:15 - 12:30

Pro - Ross
Alexander Kadner (Bern, Switzerland)

12:30 - 12:45

Contra Ross
Tobias Rutz (Lausanne, Switzerland)

Abstract Session, Harder 1-2

11:45 - 13:00

**Rapid Fire Abstract Session: Epidemiology and Management of CV Risk Factors**

Chair: Corinna Isabel Beatrice Brunckhorst (Zurich, Switzerland)
Chair: Sven Reek (Aarau, Switzerland)

11:45 - 11:52

O83 Frailty to predict unplanned hospitalizations, stroke, bleeding and death in atrial fibrillation
Pascal Meyre (Basel, Switzerland)

11:52 - 11:59

O84 Lipoprotein (a) reference levels for Switzerland from the population-based SKIPOGH study
Elena Tessitore (Geneva, Switzerland)

11:59 - 12:06

O85 Prevalence and risk of inappropriate dosing of direct antiocoagulants in atrial fibrillation - a sub-analysis of the Swiss-AF and BEAT-AF registries
Giulia Montrasio (Baden, Switzerland)

12:06 - 12:13

O86 The omega-3 fatty acid eicosapentaenoic acid (EPA) is inversely associated with ischemic brain Infarcts in elderly patients with atrial fibrillation
Martin Reiner (Baden, Switzerland)

12:13 - 12:20

O87 Left atrial dimension and risk of cardiovascular outcomes in patients with and without atrial fibrillation: a systematic review and meta-analysis
Pascal Meyre (Basel, Switzerland)

12:20 - 12:27

O88 New indications for prophylactic aortic surgery: can acute type A aortic dissection be prevented?
Susanna Grego (Lugano, Switzerland)
**Scientific Programme**

**Friday, 21 June 2019**

12:27 - 12:34  O89  High intraoperative noradrenaline dose during off-pump coronary artery bypass surgery: a possible cause of acute kidney injury
Vasileios Ntinopoulos (Zurich, Switzerland)

12:34 - 12:41  O90  Cardiac rehabilitation with ventricular assist device
Tabea Amstad (Wald, Switzerland)

12:41 - 12:48  O91  Cardiovascular risk factor trends over two decades in patients presenting with acute myocardial infarction
Fabienne Witassek (Zurich, Switzerland)

**Poster Session, Poster Exhibition**

12:45 - 13:15  **Poster Walk: Clinical Cases Cardiology**
Chair: Philipp Weiss (Basel, Switzerland)
Chair: Raymond Mury (Emmenbrücke, Switzerland)

**P79**  Left sided phrenic nerve injury during cryoballoon ablation of atrial fibrillation
Alexander Breitenstein (Zurich, Switzerland)

**P80**  How to get more time: eosinophilic myocarditis complicated by cardiogenic shock
Fabio Cattaneo (Lugano, Switzerland)

**P81**  Bilateral single pulmonary vein slings: first-ever case description
Kaligini Durrer-Ariyakuddy (Luzern, Switzerland)

**P82**  Carcinoid heart disease: unusual cause of right-sided valvular heart disease
Florian Franzeck (St. Gallen, Switzerland)

**P83**  Dysfunctional Björk-Shiley single tilting disc mitral valve prosthesis: cinefluoroscopy - simple and helpful
Lukas Mark Meier (Zürich, Switzerland)

**P84**  Coronary vasospasm in transplanted heart: a puzzling phenomenon
Mattia Pagnoni (Lausanne, Switzerland)

**P85**  Isolated endomyocardial fibrosis of the right ventricle
Barbara Pitta Gros (Lausanne, Switzerland)

**P86**  When family matters: a new mutation in the MYH11 gene in a familial case of TAA
Lorenzo Pucci (Lausanne, Vaud, Switzerland)

**P87**  Impella CP as a bridge-to-surgery for anterior post-ischemic septal rupture
Angelo Quagliana (Lugano, Switzerland)

**P89**  A mouth-watering case of mycoplasma salivarium endocarditis
Marc Scheen (Fribourg, Switzerland)
### Scientific Programme

#### Friday, 21 June 2019

**P90**  
**Congenital atresia of the left main coronary artery: a rare cause of severe heart failure in a 5 year old child**  
Martin Schmiady (Zurich, Switzerland)

**P91**  
**Impressive left atrial masses with lobulated morphology: differential diagnosis from frequent to very rare**  
Sebastian Seidl (St. Gallen, St. Gallen, Switzerland)

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**Poster Session, Poster Exhibition**

**12:45 - 13:15**  
**Poster Walk: Mitral and Tricuspid Valve, Transseptal Puncture & Endocarditis**

Chair: Roger Hullin (Lausanne, Switzerland)  
Chair: Andreas J. Flammer (Zurich, Switzerland)

**P100**  
**Perioperative outcomes of minimally invasive mitral valve surgery through right mini-thoracotomy: 6-year experience of a standardized technique**  
Daniele Brugnetti (Zürich, Switzerland)

**P101**  
**Factors associated with embolization among patients with infectious endocarditis**  
Pierre Monney (Lausanne, Switzerland)

**P102**  
**Minimally invasive mitral surgery with next generation self-expanding percutaneous transfemoral venous cannulas: performances and safety profile**  
Alberto Pozzoli (Zürich, Switzerland)

**P103**  
**Sex-related survival in percutaneous mitral valve repair: results from the MitraSwiss registry**  
Susanna Grego (Lugano, Switzerland)

**P104**  
**Catheter-based tricuspid valve replacement with NaviGate Bioprosthesis for tricuspid regurgitation: single-center experience**  
Maurizio Taramasso (Zürich, Switzerland)

**P105**  
**First-in-human trial of balloon-adjustable mitral annuloplasty ring for post surgical correction of recurrent mitral regurgitation**  
Piergiorgio Tozzi (Lausanne, Switzerland)

**P106**  
**Novel physical high-fidelity simulator for transseptal puncture procedure: changing the learning approach**  
Jan Zimmermann (Switzerland)

**P107**  
**Operators' visual behavior during the transseptal puncture procedure: a new way to learn from the experts**  
Jan Zimmermann (Switzerland)
Scientific Programme

Friday, 21 June 2019

12:45 - 13:15

**Poster Walk: Congenital and Pediatric Cardiology**

Chair: Birgit Donner (Basel, Switzerland)
Chair: Alexander Kadner (Bern, Switzerland)

**P92**
MiECC - proof of a novel concept for a minimal invasive extracorporeal perfusion system in pediatric congenital cardiac surgery
Paul Philipp Heinisch (Bern, Switzerland)

**P93**
VRAMT - a less invasive and cosmetically more attractive alternative to median sternotomy for the correction of a variety of congenital heart defects
Paul Philipp Heinisch (Bern, Switzerland)

**P94**
Early experience with a novel, absorbable, knotless suture device for sternal closure and healing in pediatric cardiac surgery
Paul Philipp Heinisch (Bern, Switzerland)

**P95**
Cardiac remodeling in children with infantile pompe disease under enzyme replacement therapy, a single center retrospective analysis
Angela Oxenius (Zürich, Switzerland)

**P96**
One stage correction of long tracheal stenosis and congenital heart disease
Raymond Pfister (Lausanne, Switzerland)

**P97**
4D vs. 2D phase-contrast cardiac magnetic resonance for blood flow quantification in congenital heart disease
Milan Prsa (Lausanne, Switzerland)

**P98**
Long-term outcome after surgical repair for partial anomalous pulmonary venous connection compared to isolated atrial septal defect closure
Mariama Touray (Lausanne, Switzerland)

**P99**
Long-term outcome in adults with total anomalous pulmonary venous connection: a retrospective multi-center study
Mariama Touray (Lausanne, Switzerland)

SSC Track, Theatersaal

13:15 - 14:15

**SSC Session SCCP clinical cardiology - case discussions**

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

**13:15 - 13:25**

**Case 1**
Simon Koestner (Morges, Switzerland)

**13:25 - 13:35**

**Q&A**
Scientific Programme

Friday, 21 June 2019

13:35 - 13:45  Case 2
Mauro Capoferri (Lugano, Switzerland)

13:45 - 13:55  Q&A

13:55 - 14:05  Case 3
Fritz Widmer (Münsterlingen, Switzerland)

14:05 - 14:15  Q&A

Industry Session, Ballsaal

13:15 - 14:15  Satellite Symposium Takeda/Alnylam: A closer look at HCM: role of cardiac imaging in differential diagnosis
Chair: Christiane Gruner (Zurich, Switzerland)
Chair: Philippe Meyer (Geneva, Switzerland)

13:15 - 13:20  Welcome & Introduction
Christiane Gruner (Zurich, Switzerland)

13:20 - 13:35  The role of imaging in differential diagnosis of HCM
James C. Moon (London, United Kingdom)

13:35 - 13:50  Fabry and the heart: Why should cardiologists care?
Mehdi Namdar (Geneva, Switzerland)

13:50 - 14:05  Amyloidosis – (R)evolution of Diagnosis and Treatment
Andreas J. Flammer (Zurich, Switzerland)

14:05 - 14:15  Discussion
Philippe Meyer (Geneva, Switzerland)

Assembly, Club Casino

13:15 - 14:15  General Assembly Swiss Cardiovascular Therapists

SSC Track, Grimsel 1/2

13:15 - 16:15  TARMED/TARCO-Kurs (Deutsch)
Chair: Andreas Velke (Meggen, Switzerland)

Assembly, Brünig 1

13:15 - 14:15  General Assembly Swiss Society of Pediatric Cardiology
Chair: Cécile Tissot (Geneva, Switzerland)
Scientific Programme

Friday, 21 June 2019

SSC Track, Theatersaal

14:30 - 16:00  **Main session Update revascularization 2019**
Chair: Daniel Weilenmann (St.Gallen, Switzerland)
Chair: Olivier Muller (Lausanne, Switzerland)

14:30 - 14:50  **FFR/iFR/angioFFR/FFR CT**
Olivier Muller (Lausanne, Switzerland)

14:50 - 15:10  **Balancing ischemic versus bleeding risks**
Lorenz Räber (Bern, Switzerland)

15:10 - 15:30  **Stent free coronary interventions**
Raban Jeger (Basel, Switzerland)

15:30 - 15:50  **Total arterial revascularization**

15:50 - 16:00  Discussion

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Abstract Session, Brünig 1

14:30 - 15:45  **Abstract Session: Congenital and Pediatric Cardiology**
Chair: Walter Knirsch (Zurich, Switzerland)
Chair: Daniel Tobler (Basel, Switzerland)

14:30 - 14:45  **O23**
Long-term outcome and blood pressure profile in adult patients with repaired coarctation
Kerstin Wustmann (Bern, Switzerland)

14:45 - 15:00  **O24**
The role of exercise testing in congenital heart disease patients after coronary artery reimplantation
Maëlle Chalverat (Lausanne, Switzerland)

15:00 - 15:15  **O25**
ECG screening in paediatric athletes: a multi-centre retrospective study in 891 Swiss athletes
Maciej Albiński (Lausanne, Vaud, Switzerland)

15:15 - 15:30  **O26**
Compressed sensing single-breath-hold cardiac magnetic resonance for quantification of right ventricular volumes in congenital heart disease
Tobias Rutz (Lausanne, Switzerland)

15:30 - 15:45  **O27**
Evolving hypoplastic left heart syndrome: assessment of single ventricle physiology prediction score and rate of potential candidates for fetal aortic valvuloplasty
Yvan Mivelaz (Lausanne, Switzerland)
Scientific Programme

Friday, 21 June 2019

SSC Track, Harder 1-2

14:30 - 16:00 SSC track Special issues in the management of elderly patients with arrhythmias

Chair: Marianne Zimmerli (Thun, Switzerland)
Chair: Peter Ammann (St.Gallen, Switzerland)

14:30 - 14:50 Antiarrhythmic selection in the old patient
Peter Ammann (St.Gallen, Switzerland)

14:50 - 15:10 Considerations for anticoagulant selection
Andreas Müller (Zürich, Switzerland)

15:10 - 15:30 Device implantation issues in the old patient
Martin Steiner (Aarau, Switzerland)

15:30 - 15:50 Indications and outcome of catheter ablation in the elderly
Dipen Shah (Geneva, Switzerland)

15:50 - 16:00 Discussion