Scientific Programme

Wednesday, 19 June 2019

Assembly, Grimsel 1/2

08:00 - 10:00

Board meeting: Swiss Society of Cardiac Surgery

Chair: Friedrich S. Eckstein (Basel, Switzerland)

Postgraduate Course, Theatersaal

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

Postgraduate Course, Ballsaal

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)

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)
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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
Scientific Programme

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09:36 - 09:51  Everything about coronary CT
Carlos Collet (Belgium)

09:51 - 09:58  Q&A

SSC Track, Brünig 1

08:30 - 11:30  Course TARMED/TARCO (français)
Chair: Andreas Velke (Meggen, Switzerland)

Assembly, Brünig 3

08:30 - 10:00  Board meeting: Swiss Society of Cardiology
Chair: Giovanni Pedrazzini (Lugano, Switzerland)
Chair: Felix Tanner (Zurich, Switzerland)

SSCS Track, Club Casino

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

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

**Wednesday, 19 June 2019**
### Scientific Programme

#### Wednesday, 19 June 2019

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<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Details</th>
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<tr>
<td>15:05 - 15:20</td>
<td><strong>Case presentation</strong></td>
<td>Christine Attenhofer Jost (Zurich, Switzerland)</td>
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<td>15:20 - 15:30</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>14:00 - 15:30</td>
<td><strong>SSC track Latest evidence for treatment options in heart failure</strong></td>
<td>Chair: Frank Ruschitzka (Zurich, Switzerland)</td>
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<td>Chair: Otmar Pfister (Basel, Switzerland)</td>
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<td>14:00 - 14:20</td>
<td><strong>News on SGLT inhibitors</strong></td>
<td>Roger Lehmann (Zurich, Switzerland)</td>
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<td>14:20 - 14:40</td>
<td><strong>News on PARADIGM-HF</strong></td>
<td>Philippe Meyer (Geneva, Switzerland)</td>
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<td>14:40 - 15:00</td>
<td><strong>News on intra-atrial shunt devices</strong></td>
<td>Lukas Hunziker (Bern, Switzerland)</td>
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<td>15:00 - 15:20</td>
<td><strong>News on drugs for HFpEF</strong></td>
<td>Ariane Testuz (Geneva, Switzerland)</td>
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<td>15:20 - 15:30</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>14:00 - 15:30</td>
<td><strong>SSCS track Mitral session: treatment options in mitral insufficiency and 6 months follow-up</strong></td>
<td>Chair: Enrico Ferrari (Lugano, Switzerland)</td>
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<td>Panel: Francesco Maisano (Zurich, Switzerland)</td>
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<td>Panel: Jürg Grünenfelder (Zurich, Switzerland)</td>
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<td>Panel: David Reineke (Bern, Switzerland)</td>
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<td>Panel: Matthias Kirsch (Lausanne, Switzerland)</td>
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<td>Panel: Omer Dzemali (Zurich, Switzerland)</td>
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<td>Panel: Martin Grapow (Basel, Switzerland)</td>
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<td>14:00 - 14:10</td>
<td><strong>Case: leaflet prolapse</strong></td>
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<td>14:10 - 14:20</td>
<td><strong>Discussion</strong></td>
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<td>14:20 - 14:30</td>
<td><strong>Case: secondary MI</strong></td>
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<td>14:30 - 14:40</td>
<td><strong>Discussion</strong></td>
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<td>14:40 - 14:50</td>
<td><strong>Case: Endocarditis</strong></td>
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<td>14:50 - 15:00</td>
<td><strong>Discussion</strong></td>
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### Scientific Programme

**Wednesday, 19 June 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 15:00 - 15:10 | **Case: Barlows disease**  
Thibault Schaeffer (Lausanne, 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)

SSC Track, Harder 1-2

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

SSC Track, Theatersaal

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)

16:40 - 17:00  My 3D heart view
Francesco Faletra (Lugano, Switzerland)

17:00 - 17:20  The future is now - Update 3D printing in medicine
Florian Thieringer (Basel, Switzerland)

17:20 - 17:30  Discussion

SSC Track, Ballsaal

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)
Scientific Programme

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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  Bioprostesis and TAVI
               Christoph Huber (Geneva, Switzerland)

16:20 - 16:40  Mechanical prosthesis
               Carlos Mestres (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)
Scientific Programme

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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)

Industry Session, Brünig 1

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)

SSC Track, Theatersaal

17:45 - 18:30 SSC track: TARCO Insights for cardiologists
Chair: Urs Kaufmann (Bern, Switzerland)
Chair: Niklaus Hess (Basel, Switzerland)

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

Assembly, Theatersaal

18:30 - 20:00 General Assembly Swiss Society of Cardiology
Chair: Giovanni Pedrazzini (Lugano, Switzerland)
Chair: Felix Tanner (Zurich, Switzerland)

Public Lecture, Ballsaal

19:00 - 20:30 Public lecture: Swiss Heart Foundation Herzklappe defekt - was tun?
Chair: Rubino Mordasini (Bern, Switzerland)

19:00 - 20:30 Herzklappe defekt - was tun?
Raban Jeger (Basel, Switzerland)
Oliver Reuthebuch (Basel, Switzerland)
SSC/SSCS Joint Annual Meeting 2019
19 - 21 June 2019
Congress Centre Kursaal Interlaken

Scientific Programme

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

Thursday, 20 June 2019

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 - 08:10  
**Simplifying the challenge of Complex Arrhythmias with HD Colouring: Case Presentation**
Alexander Breitenstein (Zurich, Switzerland)

08:10 - 09:00  
**European Experience Sharing - Advances in 3D mapping and ablation technology**
Alan Bulava (Ceske Budejovice, Czech Republic)
Scientific Programme

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)
Scientific Programme

Thursday, 20 June 2019

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 - 09:55  Your elderly patient with atrial fibrillation or VTE on oral anticoagulants: a journey through pitfalls and guidelines
Jan Steffel (Zurich, Switzerland)

09:55 - 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)
Scientific Programme

Thursday, 20 June 2019

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  
HFpEF: 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

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<tr>
<th>Time</th>
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<tr>
<td>11:00 - 12:30</td>
<td><strong>Joint ESC-SSC/SSCS guidelines session</strong></td>
<td>Barbara Casadei (Oxford, United Kingdom)</td>
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<td></td>
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<td>Stephan Windecker (Bern, Switzerland)</td>
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<td>Marco Roffi (Geneva, Switzerland)</td>
</tr>
<tr>
<td>11:00 - 11:20</td>
<td><strong>Guidelines on diagnosis and management of Syncope</strong></td>
<td>Michele Brignole (Lavagna, Italy)</td>
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<tr>
<td>11:20 - 11:40</td>
<td><strong>ESC/EACTS Guidelines on Myocardial Revascularisation</strong></td>
<td>Franz-Josef Neumann (Bad Krozingen, Germany)</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td><strong>Management of cardiovascular diseases during pregnancy</strong></td>
<td>Jolien Roos-Hesselink (Rotterdam, Netherlands)</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td><strong>ESC/ESH Management of Arterial Hypertension</strong></td>
<td>Felix Mahfoud (Homburg, Germany)</td>
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<td>12:20 - 12:30</td>
<td><strong>Discussion</strong></td>
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#### SSCS Track, Ballsaal

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<th>Time</th>
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<tr>
<td>11:00 - 12:30</td>
<td><strong>Joint Session SSC-SSCS Best treatment of functional mitral regurgitation</strong></td>
<td>Oliver Gämperli (Zurich, Switzerland)</td>
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<td>Beat Kaufmann (Basel, Switzerland)</td>
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<tr>
<td>11:00 - 11:15</td>
<td><strong>Imaging: severity, grading, 3D echo, etc.</strong></td>
<td>Nicolas Brugger (Bern, Switzerland)</td>
</tr>
<tr>
<td>11:15 - 11:30</td>
<td><strong>Surgical techniques: replacement vs. repair, etc.</strong></td>
<td>Alberto Weber (Zurich, Switzerland)</td>
</tr>
<tr>
<td>11:30 - 11:45</td>
<td><strong>Percutaneous options: MitraClip, Cardioband, etc.</strong></td>
<td>Giovanni Pedrazzini (Lugano, Switzerland)</td>
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<tr>
<td>11:45 - 12:00</td>
<td><strong>Best medical treatment: watch and wait</strong></td>
<td>Micha Maeder (St.Gallen, Switzerland)</td>
</tr>
<tr>
<td>12:00 - 12:15</td>
<td><strong>Clinical case</strong></td>
<td>Barbara Rosser (Zurich, Switzerland)</td>
</tr>
<tr>
<td>12:15 - 12:30</td>
<td><strong>Discussion</strong></td>
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Scientific Programme

Thursday, 20 June 2019

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)

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

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: Philippe 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 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)

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)
Scientific Programme

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11:28 - 11:35  O49  Predictors for a prolonged time from first medical contact to revascularization
Olivier Roux (Lausanne, Switzerland)

Marco Roberto (Lugano, Switzerland)

11:42 - 11:49  O51  Ranolazine for coronary microvascular dysfunction
Matthias Bossard (Luzern, Switzerland)

11:49 - 11:56  O52  Effect of permanent right internal mammary artery occlusion on right coronary artery collateral function. A randomized controlled trial
Marius Reto Bigler (Bern, Switzerland)

11:56 - 12:03  O53  Impact of postoperative hypothermia on outcomes after cardiac surgery
Vasileios Ntinopoulos (Zurich, Switzerland)

12:03 - 12:10  O54  Outcomes in patients with left ventricular non-compaction phenotype and normal ejection fraction
Shehab Anwer (Zürich, Switzerland)

12:10 - 12:17  O55  Dose adaptation of β-blockers after acute myocardial infarction
Christel Bruggmann (Lausanne, Switzerland)

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

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: The Arrhythmia Heart Team Approach: 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
**What are the limits as a modern 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)

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)
Scientific Programme

Thursday, 20 June 2019

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)

12:30 - 13:30

**Poster Walk: Aorta and Aortic Valve**

Chair: Thomas Suter (Bern, Switzerland)
Chair: Roger Hullin (Lausanne, Switzerland)

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 (Zurich, 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)

P19  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)

P36  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)

P37  Early diagnosis of myocardial infarction in patients with a history of coronary artery bypass grafting
Luca Köchlin (Basel, Switzerland)
Scientific Programme

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P38  Microplegia versus Cardioplexol (R) in coronary artery bypass surgery with minimal extracorporeal circulation: comparison of two cardioplegia concepts  Luca Köchlin (Basel, Switzerland)

P39  Blood flow assessment by transit time flow measurement and its prognostic impact in coronary bypass surgery  Lars Niclauss (Sion, Switzerland)

P40  Multi-slice computed tomography for quality control in asymptomatic patients after coronary artery bypass grafting  Martin Schmiady (Zurich, Switzerland)

P41  Complete arterial aortic no-touch off-pump coronary artery bypass grafting: best strategy to reduce adverse neurological outcomes?  Martin Schmiady (Zurich, Switzerland)

Poster Session, Poster Exhibition

12:30 - 13:30

Poster Walk: Cardiology Potpurri

Chair: Isabella Sudano (Zurich, Switzerland)
Chair: Walter F. Riesen (Diessenhofen, Switzerland)

P26  Post-traumatic stress disorder after acute myocardial infarction-prevalence and predictors  Alexandre Deglise (Fribourg, Switzerland)

P27  Direct oral anticoagulants versus vitamin K-antagonists for treatment of left ventricular thrombus - Insights from multicenter registry  Kalgini Durrer-Aryakuddy (Luzern, Switzerland)

P28  Initial experience of ECG screening in pediatric athletes during a popular pedestrian race in Switzerland  Mohamed Amin El-Aji (Geneva, Switzerland)

P29  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)

P30  Preliminary assessment of smart-meds, an interactive app helping patients to manage medication after an acute coronary syndrome  Liliane Gschwind (Geneva, Switzerland)

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)
### Scientific Programme

**Thursday, 20 June 2019**

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<tr>
<td>P33</td>
<td>Value-based PCSK9-inhibitor prices derived from fixed QALY-based and individual LDL based models.</td>
<td>Michel Romanens (Olten, Switzerland)</td>
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<td>P34</td>
<td>Early starting age of endurance training is associated with a higher aortic distensibility</td>
<td>Christoph Ryffel (Bern, Switzerland)</td>
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<tr>
<td>P35</td>
<td>Symptoms and quality of life in patients with coexistent atrial fibrillation and atrial flutter</td>
<td>Samuel Stempfel (Basel, Switzerland)</td>
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**12:30 - 13:30**

**Poster Session, Poster Exhibition**

**Poster Walk: Cardiac Imaging**

Chair: Peter Burger (Bern, Switzerland)
Chair: Stefano de Marchi (Bern, Switzerland)

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<tr>
<td>P21</td>
<td>Indexed coronary volume - a potential novel low-dose CCTA derived predictor for cardiovascular events</td>
<td>Georgios Benetos (Zurich, Switzerland)</td>
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<tr>
<td>P22</td>
<td>Diagnostic accuracy of coronary artery calcium score for immediate prediction of myocardial ischaemia</td>
<td>Olivier F Clerc (Basel, Switzerland)</td>
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<tr>
<td>P23</td>
<td>Computed tomography angiography for the diagnosis of coronary artery disease among patients undergoing transcatheter aortic valve implantation</td>
<td>David Meier (Lausanne, Switzerland)</td>
</tr>
<tr>
<td>P24</td>
<td>Adaptation of left atrial function in acute and chronic ST-segment elevation myocardial infarction</td>
<td>Anna Giulia Pavon (Lausanne, Switzerland)</td>
</tr>
<tr>
<td>P25</td>
<td>Strain parameters using CMR feature tracking are associated with fibrosis and not with edema in patients with suspected myocarditis</td>
<td>Anselm Stark (Bern, Switzerland)</td>
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**13:30 - 14:30**

**Joint Workshop ESC - WIC - SCOT/YSCSC 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)
### Scientific Programme

#### Thursday, 20 June 2019

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<td>13:50 - 14:10</td>
<td><strong>Why should one pursue a career in academic cardiology?</strong></td>
<td>Barbara Casadei (Oxford, United Kingdom)</td>
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<td>14:10 - 14:30</td>
<td><strong>Informal exchange</strong></td>
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SSCS Track, Ballsaal

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<tr>
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</table>
| 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**                                                               | Martin Misfeld (Germany)                                              |
| 14:20 - 14:30  | **Discussion**                                                       |                                                                        |

Industry Session, Club Casino

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<td>13:30 - 14:30</td>
<td><strong>Satellite symposium AMGEN Switzerland AG: Optimizing cardiovascular outcomes with PCSK9 inhibitors: start now before a potential next MI or stroke!</strong></td>
<td>Chair: François Mach (Geneva, Switzerland)</td>
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<td>13:30 - 13:35</td>
<td><strong>Welcome and Faculties introduction by the Chairman</strong></td>
<td>François Mach (Geneva, Switzerland)</td>
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<td>13:35 - 13:55</td>
<td><strong>The criticality of elevated LDL-C: When statins are not enough</strong></td>
<td>Christian Müller (Basel, Switzerland)</td>
</tr>
<tr>
<td>13:55 - 14:05</td>
<td><strong>Treating cardiovascular patients at risk: taking action Case discussion: Office-based Cardiologist</strong></td>
<td>Ralf Polikar (Nyon, Switzerland)</td>
</tr>
<tr>
<td>14:05 - 14:15</td>
<td><strong>Treating cardiovascular patients at risk: taking action Case discussion: Clinic- &amp; Office-based Cardiologist</strong></td>
<td>Florim Cuculi (Luzern, Switzerland)</td>
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<tr>
<td>14:15 - 14:25</td>
<td><strong>Post-myocardial Infarction Care: Medication and collaboration between clinicians and physicians in outpatient follow-up</strong></td>
<td>Jan Steffel (Zurich, Switzerland)</td>
</tr>
<tr>
<td>14:25 - 14:30</td>
<td><strong>Take-home message and closing remarks</strong></td>
<td>François Mach (Geneva, Switzerland)</td>
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Thursday, 20 June 2019

13:30 - 14:30  Assembly, Grimsel 1/2

**Assembly: working group for cardiovascular nurses and allied professionals**

13:30 - 14:30  SSH Track, Brünig 1

**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)

Pietro Bagnato (Lugano, Switzerland)

13:58 - 14:05  O68  Perioperative geriatric characterization of TAVI patients age 70+
Valentina Delfine (Lausanne, Switzerland)
Scientific Programme

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14:05 - 14:12 O69 30-days outcome of valve sparing aortic root replacement with the re-implantation technique in acute type A aortic dissection: a single center experience
Mohammed Morjan (Zuerich, Switzerland)

14:12 - 14:19 O70 Rapid-deployment aortic valve implantation with concomitant new aortic annulus stabilization technique: 1-year follow-up
Enrico Ferrari (Lugano, Switzerland)

14:19 - 14:26 O71 Coronary artery bypass grafting using microplegia and minimal extracorporeal circulation versus off-pump coronary artery bypass grafting
Luca Köchlin (Basel, Switzerland)

14:26 - 14:33 O72 Skeletonized bilateral mammary arteries for myocardial revascularization in elderly patients (>70 years of age): a new ‘standard of care’?
Tiziano Torre (Lugano, Switzerland)

14:33 - 14:40 O73 Real-time multimodality fusion imaging platform to optimize catheter-based mitral valve interventions
Alberto Pozzoli (Zürich, Switzerland)

14:40 - 14:47 O74 Downstream Aorta remodelling in DeBakey I acute aortic dissection following modified frozen elephant trunk procedure
Denis Berdajs (Basel, Switzerland)

14:47 - 14:54 O75 A rare case of persistent anti-PF4/heparin antibodies successfully managed with cangrelor in a patient undergoing cardiac surgery
Emmanuelle Scala (Lausanne, Vaud, Switzerland)

Poster Session, Poster Exhibition

13:30 - 14:30 Poster Walk: Cardiovascular Biology

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

P50 GDF11 promotes increased sensitivity of the murine heart to ischemic injury
Alexander Akhmedov (Schlieren, Switzerland)

P51 Targeting the methyltransferase setd7 protects the heart against ischemic damage
Samuele Ambrosini (Schlieren, Switzerland)

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, Switzerland)
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Thursday, 20 June 2019

**P54** Transcatheter Aortic Root Replacement: a preliminary in-vitro feasibility study.
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)

**Poster Session, Poster Exhibition**

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 Ibrahimi (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 SLCA4A3 genes - the role of prediction tools, whole exome sequencing and genetic cascade screening
Boldizsar Kovacs (Zurich, Switzerland)

**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)
Scientific Programme

Thursday, 20 June 2019

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)

P78 Association of the body mass index with outcomes in elderly patients (≥80 years) undergoing percutaneous coronary intervention
Barbara Stähli (Zürich, Switzerland)
Thursday, 20 June 2019

13:30 - 14:30

Poster Session, Poster Exhibition

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)

P69  Morbid obesity in end stage heart failure: how safe is bariatric surgery in ventricular assist device recipients?
     Aitigrine Souhila (Lausanne, Switzerland)

P70  Contained left ventricle free-wall rupture by pericardial adherences
     Nurcan Yilmaz (Geneva, Switzerland)
Scientific Programme

Thursday, 20 June 2019

SSC Track, Theatersaal

14:45 - 16:15

Joint SSC/SSCS Prize Lecture

Chair: Friedrich S. Eckstein (Basel, Switzerland)
Chair: Giovanni Pedrazzini (Lugano, Switzerland)

14:45 - 15:15
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)

15:15 - 15:45
Andreas Grüntzig lecture: Prometheus and the future of cardiology
Thomas Lüscher (London, United Kingdom)

15:45 - 16:00
Medtronic Young Surgeon Award presentation

16:00 - 16:15
Amgen Swiss Cardiology Research Prize presentation
Jasper Boeddinghaus (Basel, Switzerland)

SSC Track, Ballsaal

14:45 - 16:15

SCOT / YSCSC Clinical Cases - supersaver or disaster

Chair: Achim Häussler (Zurich, Switzerland)
Chair: Pascal Meier (Chur, Switzerland)

14:45 - 14:55
Case 1
Gregor Thalmann (Chur, Switzerland)

14:55 - 15:05
Case 3
Murat Yildiz (Bern, Switzerland)

15:05 - 15:15
Case 2
Laura Rings (Zurich, Switzerland)

15:15 - 15:25
Case 4
Constantin Mork (Basel, Switzerland)

Industry Session, Club Casino

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)
Scientific Programme

Thursday, 20 June 2019

15:30 - 15:45  Management options for cardiac amyloidosis
Simon Stämpfli (Luzern, Switzerland)

Nursing and Allied Professions Track, Grimsel 1/2

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

Industry Session, Brünig 1

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)

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 Piiallat (Geneva, Switzerland)
## Scientific Programme

### Thursday, 20 June 2019

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<tr>
<th>Time</th>
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<th>Title</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>14:45 - 15:00</td>
<td>006</td>
<td>Sirtuin 5 regulates arterial thrombosis by modulating endothelial plasminogen activator inhibitor-1</td>
<td>Luca Liberale (Schlieren, Switzerland)</td>
</tr>
<tr>
<td>15:00 - 15:15</td>
<td>007</td>
<td>The plant derived omega 3 fatty acid alpha linolenic acid prevents age-dependent arterial stiffness and improves outcome after stroke in mice</td>
<td>Nicole R. Bonetti (Schlieren, Switzerland)</td>
</tr>
<tr>
<td>15:15 - 15:30</td>
<td>008</td>
<td>Chromatin modifications by methyltransferase SETD7 regulate endothelial cell migration and angiogenic response in experimental diabetes</td>
<td>Shafeeq Ahmed Mohammed (Zurich, Switzerland)</td>
</tr>
<tr>
<td>15:30 - 15:45</td>
<td>009</td>
<td>The functional relevance of bile acids in the improvement of HDL-mediated endothelial protection after Roux-en-y gastric bypass</td>
<td>Anne Jomard (Schwerzenbach, Switzerland)</td>
</tr>
<tr>
<td>15:45 - 16:00</td>
<td>010</td>
<td>Cardiac progenitor cell exosome-associated periostin triggers reentry of cardiomyocytes into cell cycle</td>
<td>Lucio Barile (Lugano, Switzerland)</td>
</tr>
</tbody>
</table>

**SSC Track, Theatersaal**

**16:45 - 18:15**  
**SSC track New guidelines on syncope**

Chair: Firat Duru (Zurich, Switzerland)  
Chair: Michael Kühne (Basel, Switzerland)

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<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker/Institution</th>
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<tr>
<td>16:45 - 17:15</td>
<td></td>
<td>Initial evaluation and diagnostic tests</td>
<td>Michele Brignole (Lavagna, Italy)</td>
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<tr>
<td>17:15 - 17:25</td>
<td></td>
<td>Case 1</td>
<td>Haran Burri (Geneva, Switzerland)</td>
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<td>17:25 - 17:35</td>
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<td>Discussion</td>
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<tr>
<td>17:35 - 17:45</td>
<td></td>
<td>Case 2</td>
<td>Dagmar Keller (Zurich, Switzerland)</td>
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<tr>
<td>17:45 - 17:55</td>
<td></td>
<td>Discussion</td>
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<tr>
<td>17:55 - 18:05</td>
<td></td>
<td>Case 3</td>
<td>Richard Kobza (Luzern, Switzerland)</td>
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<tr>
<td>18:05 - 18:15</td>
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<td>Discussion</td>
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</table>

**SSCS Track, Ballsaal**

**16:45 - 18:15**  
**SSCS track Progress in coronary revascularisation**

Chair: Piergiorgio Tozzi (Lausanne, Switzerland)
### Thursday, 20 June 2019

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<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tr>
<td>16:45 - 16:57</td>
<td>Off-pump</td>
<td>Omer Dzemali (Zurich, Switzerland)</td>
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<tr>
<td>16:57 - 17:09</td>
<td>MIDCAB</td>
<td>Peter Matt (Luzern, Switzerland)</td>
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<tr>
<td>17:09 - 17:21</td>
<td>CBP</td>
<td>André Plass (Zurich, Switzerland)</td>
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<tr>
<td>17:21 - 17:33</td>
<td>MECC</td>
<td>Lars Englberger (Bern, Switzerland)</td>
</tr>
<tr>
<td>17:33 - 17:45</td>
<td>Cardioplegic strategies</td>
<td>Oliver Reuthebuch (Basel, Switzerland)</td>
</tr>
<tr>
<td>17:45 - 17:57</td>
<td>Endoscopic graft harvesting</td>
<td>Thibault Schaeffer (Lausanne, Switzerland)</td>
</tr>
<tr>
<td>17:57 - 18:09</td>
<td>Modes of revascularisation: always full arterial?</td>
<td>Stefano Demertzis (Lugano, Switzerland)</td>
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<tr>
<td>18:09 - 18:15</td>
<td>Discussion</td>
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</table>

**Industry Session, Club Casino**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair: Christian Müller (Basel, Switzerland)</th>
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</thead>
<tbody>
<tr>
<td>16:45 - 17:45</td>
<td>Satellite symposium Daiichi Sankyo: The most challenging questions in cardiology CARDivity: play, learn and win!</td>
<td></td>
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</table>

**Abstract Session, Grimsel 1/2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair: Tomoe Stampfli (Switzerland) Chair: Alexander Breitenstein (Zurich, Switzerland)</th>
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<tbody>
<tr>
<td>16:45 - 18:15</td>
<td>Abstract Session: Clinical Cases II</td>
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<tr>
<td>16:45 - 17:00</td>
<td>O11 A rare cause of acute coronary syndrome</td>
<td>Barbara Pitta Gros (Lausanne, Switzerland)</td>
</tr>
<tr>
<td>17:00 - 17:15</td>
<td>O12 An unusual cause of Tako-Tsubo cardiomyopathy - the solution is close-by</td>
<td>Stefanie Barnsteiner (St. Gallen, Switzerland)</td>
</tr>
<tr>
<td>17:15 - 17:30</td>
<td>O14 Thesbian veins draining to the left ventricle mimicking left ventricular non-compaction</td>
<td>Kalgini Durrer-Aryakuddy (Luzern, Switzerland)</td>
</tr>
<tr>
<td>17:30 - 17:45</td>
<td>O15 Suspected Takotsubo syndrome relapse and asymptomatic malignant ventricular arrhythmia</td>
<td>Elia Rigamonti (Lausanne, Switzerland)</td>
</tr>
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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)
Scientific Programme

Friday, 21 June 2019

SSC 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**

SSC 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**
Scientific Programme

Friday, 21 June 2019

08:00 - 09:30 Abstract Session, Club Casino

Abstract Session: Clinical Cases III
Chair: Michel Zuber (Zurich, Switzerland)
Chair: Béatrice Veragut Davies (Carouge, Switzerland)

08:00 - 08:15 O17 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 O18 Mechanical mitral valve thrombosis in pregnancy: What now?
Nadine Molitor (Zurich, Switzerland)

08:30 - 08:45 O19 Streptococcus pneumoniae - a threat to the heart
Susanne Anna Schlossbauer (Lugano, Switzerland)

08:45 - 09:00 O20 Giant coronary artery aneurysm associated with abdominal aortic aneurysm
Sara Schukraft (Fribourg, Switzerland)

09:00 - 09:15 O21 Innovative treatment of medically uncontrolled protein-losing enteropathy after Fontan surgery: a case report
Nicole Sekarski-Hunkeler (Lausanne, Switzerland)

09:15 - 09:30 O22 Cardiac sarcoidosis: clinical case
Quentin Chatelain (Geneva, Switzerland)

08:00 - 09:30 SCT/SAKR Track, Grimsel 1/2

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, Brunig 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
<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
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</thead>
</table>
| 10:00 - 11:30 | **SSC track Lipid lowering therapy in different age groups: when to start and when to stop**              | Chair: Walter F. Riesen (Diessenhofen, Switzerland)  
Chair: Isabella Sudano (Zurich, 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*                                                            |                                                                         |
| 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*                                                            |                                                                         |
| 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

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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?
Katrin Leenen (Aarau, 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)

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 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

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12:17 - 12:22  Case 2
Christian 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)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Location</th>
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<tbody>
<tr>
<td>11:45 - 12:45</td>
<td><strong>Congenital Friday Controversies in CHD</strong></td>
<td>Chair: Tornike Sologashvili (Geneva, Switzerland)</td>
<td>SGPK WATCH Track, Brünig 1</td>
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<td><strong>Coarctation &amp; AA management</strong></td>
<td>Chair: Walter Knirsch (Zurich, Switzerland)</td>
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<tr>
<td>11:45 - 12:00</td>
<td><strong>Pro - Surgery</strong></td>
<td>Patrick Myers (Geneva, Switzerland)</td>
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<td>12:00 - 12:15</td>
<td><strong>Pro - Intervention</strong></td>
<td>Heiko Schneider (Zurich, Switzerland)</td>
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<td>12:15 - 12:30</td>
<td><strong>2nd round: Aortic stenosis in a 30 year old mountainbike fanatic - between Scylla &amp; Charybdis</strong></td>
<td>Alexander Kadner (Bern, Switzerland)</td>
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<tr>
<td>12:30 - 12:45</td>
<td><strong>Contra Ross</strong></td>
<td>Tobias Rutz (Lausanne, Switzerland)</td>
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<tr>
<td>11:45 - 13:00</td>
<td><strong>Rapid Fire Abstract Session: Epidemiology and Management of CV Risk Factors</strong></td>
<td>Chair: Corinna Isabel Beatrice Brunckhorst (Zurich, Switzerland)</td>
<td>Abstract Session, Harder 1-2</td>
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<tr>
<td>11:45 - 11:52</td>
<td><strong>O83 Frailty to predict unplanned hospitalizations, stroke, bleeding and death in atrial fibrillation</strong></td>
<td>Pascal Meyre (Basel, Switzerland)</td>
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<tr>
<td>11:52 - 11:59</td>
<td><strong>O84 Lipoprotein (a) reference levels for Switzerland from the population-based SKIPOGH study</strong></td>
<td>Elena Tessitore (Geneva, Switzerland)</td>
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<tr>
<td>11:59 - 12:06</td>
<td><strong>O85 Prevalence and risk of inappropriate dosing of direct anticoagulants in atrial fibrillation - a sub-analysis of the Swiss-AF and BEAT-AF registries</strong></td>
<td>Giulia Montrasio (Baden, Switzerland)</td>
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<tr>
<td>12:06 - 12:13</td>
<td><strong>O86 The omega-3 fatty acid eicosapentaenoic acid (EPA) is inversely associated with ischemic brain Infarcts in elderly patients with atrial fibrillation</strong></td>
<td>Martin Reiner (Baden, Switzerland)</td>
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<tr>
<td>12:13 - 12:20</td>
<td><strong>O87 Left atrial dimension and risk of cardiovascular outcomes in patients with and without atrial fibrillation: a systematic review and meta-analysis</strong></td>
<td>Pascal Meyre (Basel, Switzerland)</td>
<td></td>
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<tr>
<td>12:20 - 12:27</td>
<td><strong>O88 New indications for prophylactic aortic surgery: can acute type A aortic dissection be prevented?</strong></td>
<td>Susanna Grego (Lugano, Switzerland)</td>
<td></td>
</tr>
</tbody>
</table>
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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

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
Kalguni 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, Vaud, 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)

P88  How to deal with pericardial effusion after combined procedure of Mitraclip and left atrial appendage closure
Giulio Russo (Zurich, Switzerland)
Scientific Programme

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

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)

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 (Zurich, 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)
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Friday, 21 June 2019

Poster Session, Poster Exhibition

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

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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)
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Friday, 21 June 2019

**SSC Track, Theatersaal**

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

14:30 - 14:50  **FFR/iFR/angiFFR/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**
Martin Misfeld (Germany)

15:50 - 16:00  **Discussion**

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
Coralie Blanche (Lausanne/Geneva, 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
Laure Galand (Lausanne, Switzerland)

**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)
### Scientific Programme

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<th>Time</th>
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<td>14:30 - 14:50</td>
<td>Antiarrhythmic selection in the old patient</td>
<td>Peter Ammann (St.Gallen, Switzerland)</td>
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<tr>
<td>14:50 - 15:10</td>
<td>Considerations for anticoagulant selection</td>
<td>Andreas Müller (Zürich, Switzerland)</td>
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<tr>
<td>15:10 - 15:30</td>
<td>Device implantation issues in the old patient</td>
<td>Martin Steiner (Aarau, Switzerland)</td>
</tr>
<tr>
<td>15:30 - 15:50</td>
<td>Indications and outcome of catheter ablation in the elderly</td>
<td>Dipen Shah (Geneva, Switzerland)</td>
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<tr>
<td>15:50 - 16:00</td>
<td>Discussion</td>
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