Sudden Cardiac Death Symposium
Program
University Hospital, Bern Nov 6-7, 2014
(Directed to specialists in Cardiology, Internal Medicine, Anesthesia, Pediatrics, Forensic Medicine, Sport Medicine, Genetics and Family Physicians)

November 6

Topics: Sudden death syndromes, sudden death in underlying heart disease, sudden death in athletes

9:00 – 10:00  Registration
10:00 – 10:10  Welcome address
   Bernhard Meier– Bern (CH)

10:10 – 12:20  Sudden death: forensic perspective
   Drug induced arrhythmias
   Chair: Frédéric Sacher – Bordeaux (FR)
   Chair: Andrea Menafoglio – Regional Hospital Bellinzona (CH)

10:10 – 10:40  How would you manage this case?  interactive discussion
   Fabian Noti - Bern (CH)

10:40 – 11:00  Molecular autopsy in sudden unexplained death syndrome (SUDS):
   What have we learned?
   Argelia Medeiros Domingo – Bern (CH)

11:00 – 11:20  Genetic mechanisms involved in sudden infant death syndrome (SIDS):
   Early experience with exome approach
   Cordula Haas – Zurich (CH)

11:20 – 11:40  Sudden death: forensic perspective
   Katarzyna Michaud – Lausanne (CH)

11:40 – 12:00  How would you manage this case?  interactive discussion
   Helge Servatius – Bern (CH)

12:00 – 12:20  Drug-induced sudden death: practical messages
   Hildegard Tanner – Bern (CH)

12:20 – 13:30  Lunch Break
13:30 – 15:40  **Sudden death in underlying heart disease**

*(Case driven session)*

*Chair: Etienne Pruvot – Lausanne (CH)*

*Chair: Jürg Fuhrer – Bern (CH)*

13:30 – 14:00  **How would you manage this case? anomalous origin of coronary arteries**

Interactive discussion

*Christine Attenhofer – Zurich (CH)*

14:00 – 14:30  **How would you manage this case? Sudden death in ischemic heart disease**

Interactive discussion

*Stephan Windecker – Bern (CH)*

14:30 – 15:00  **How would you manage this case? hypertrophic cardiomyopathy**

Interactive discussion

*Jens Seiler – Bern (CH)*

15:00 – 15:30  **How would you manage this case? Arrhythmogenic right ventricular cardiomyopathy. Interactive discussion**

*Christian Sticherling – Basel (CH)*

15:30 – 16:00  **Coffee Break**

**16:00 – 18:00  Sudden death in athletes**

*Chair: Michael J. Ackerman – Rochester (USA)*

*Chair: Christian Schmied – Zurich (CH)*

16:00 – 16:20  **How would you manage this case? interactive discussion**

*Lukas Trachsel – Bern (CH)*

16:20 – 16:50  **ECG in Athletes: When to be concerned**

*Andrea Menafoglio – Bellinzona (CH)*

16:50 – 17:20  **Athletes and ICD: How to handle?**

*Haran Burri – Geneve (CH)*

17:20 – 17:40  **Sudden death in athletes: what is the magnitude of the problem**

*Matthias Wilhelm – Bern (CH)*

19:00 – 21:00  **Dinner**
November 7

Topics: Sudden death in morphologically normal hearts, Genetic testing in sudden death

8:00 – 9:00 Registration

9:00 – 12:30 Sudden death in “morphologically normal hearts”

Chair: Hugues Abriel – Bern (CH)
Chair: Argelia Medeiros-Domingo – Bern (CH)

Case Driven Session

9:00 – 9:30 Cardiac sodium channel disorders: When to suspect them?
Hugues Abriel – Bern (CH)

9:30 – 10:00 Long QT: diagnosis and risk stratification
Michael J. Ackerman – Rochester (USA)

10:00 – 10:30 Brugada syndrome: diagnosis and risk stratification
Arthur A. Wilde – Amsterdam (NL)

10:30 – 11:00 Catecholaminergic polymorphic ventricular tachycardia: what have we learned
Jose Jalife – Michigan (USA)

11:00 – 11:30 Coffee Break

11:30 – 12:00 Cardiac channelopathies novel insights in pharmacological treatment
Arthur A. Wilde – Amsterdam (NL)

12:00 – 12:30 Cardiac Channelopathies novel insights in invasive treatment
Michael J. Ackerman – Rochester (USA)

12:30 – 13:30 Lunch Break

Chair: Firat Duru – Zurich (CH)
Chair: Jose Jalife – Michigan (USA)

13:30 – 14:00 Idiopathic ventricular fibrillation: lessons from the ECG
Interactive session (Case driven talk)
Laurent Roten – Bern (CH)

14:00 – 14:30 Molecular Basis of Ventricular Fibrillation
Jose Jalife – Michigan (USA)

14:30 – 15:00 Invasive approach for diagnosis and treatment of idiopathic ventricular fibrillation
Frédéric Sacher – Bordeaux (FR)
15:00 – 15:30  Coffee Break

15:30 – 18:00  Genetic testing in sudden death

Chair: Arthur A. Wilde – Amsterdam (NL)

Chair: Zahir Bhuiyan – Lausanne (CH)

15:30 – 16:00  How would you manage this case? interactive discussion

Claudine Rieubland – Bern (CH)

16:00 – 16:30  State of pre-mortem genetic testing for cardiomyopathies and channelopathies

Michael J. Ackerman – Rochester (USA)

16:30 – 17:00  Ethical aspects of the genetic test in the light of next generation Sequencing: are we ready?

Sabina Gallati Kraemer – Bern (CH)

17:00 – 17:30  Interpretation of the genetic test in sudden cardiac death: What to do with negative and uncertain significance results?

Elena V. Zaklyazmizkaya - Russia (RS)

17:30 – 17:40  Closure

Jürg Fuhrer – Bern (CH)

Argelia Medeiros-Domingo – Bern (CH)

Sponsors in alphabetic order, equal participation:

Astra Zeneca
Bayer, Biotronik
Boston Scientific
Medtronic
Mepha Pharma AG
Novartis
Pfizer
Sorin
St. Jude Medical
Participants in alphabetic order

International Speakers:
Dr. Michael J. Ackerman – Mayo Clinic, Rochester, USA
Dr. Jose Jalife – University of Michigan, USA
Dr. Frédéric Sacher – Bordeaux Hospital, Bordeaux, France
Prof. Arthur A. Wilde – Academic Medical Centre Amsterdam, Netherlands
Dr. Elena V. Zaklyazmizkaya - Russian Research Centre of Surgery, Russia

National Speakers
Prof. Christine Attenhofer – Klinik im Park, Zurich
Dr. Haran Burri – University Hospital, Geneve
Dr. Zahir Bhuiyan – Lausanne (CH)
Prof. Fırat Duru – University Hospital, Zurich
Dr. Cordula Haas – Forensic Institute, Zurich
Dr. Andrea Menafoglio – Regional Hospital Bellinzona
Dr. Katarzyna Michaud – CHUV, Lausanne
PD. Dr. Etienne Pruvot – University Hospital, Lausanne
Dr. Christian Schmied – University Hospital, Zurich
Prof. Christian Sticherling – University Hospital, Basel

House Speakers
Prof. Hugues Abriel – University of Bern
Dr. Jürg Fuhrer – University Hospital, Bern
Prof. Sabina Gallati Kraemer – University Hospital, Bern
Dr. Argelia Medeiros Domingo – University Hospital, Bern
Prof. Bernhard Meier – Inselspital, Bern
PD. Dr. Laurent Roten – University Hospital, Bern
Dr. Jens Seiler – University Hospital, Bern
Dr. Helge Servatius – University Hospital, Bern
PD. Dr. Hildegard Tanner – University Hospital, Bern
Dr. Lukas Trachsel – University Hospital, Bern
PD Dr. Matthias Wilhelm – University Hospital, Bern
Prof. Stephan Windecker – University Hospital, Bern