5TH TEACHING COURSE OF THE ASSOCIATION FOR EUROPEAN PAEDIATRIC AND CONGENITAL CARDIOLOGY

PEDiatric ARRHYTHMIAS

Organized by the AEPC Working Group of Pediatric Dysrhythmias and Electrophysiology

GÖTTINGEN, MARCH 27-28, 2015

Historical library of Georg-August-University
Alfred-Hessel-Saal

The workshop is certified with 19 credit points from the State Medical Chamber of Lower Saxony.
Course overview
This 2-day teaching course will focus on the clinical management of various types of arrhythmias encountered in the pediatric patient and young adult with and without congenital heart disease. Emphasis will be placed on the practical aspects of common problems encountered day-to-day by the practicing pediatric cardiologist.

In order to highlight each of the clinical problems, interactive workshops have been included into the program to allow in-depth discussion with opinion leaders in the particular field. During interactive workshops 4 different topics will be presented in parallel. Each of the workshops will be repeated once to allow the audience to capture 2 out of 4 topics.

After the meeting, PDF versions of faculty presentations will be available online for the attendees.

Objectives
Enhance the ability of attendees to deal with the common issues encountered with pediatric cardiac arrhythmias. Specifically, at the conclusion of the program, the participant should be able to:

• Discuss decision making in commonly encountered arrhythmias in the pediatric patient with reference to current guidelines and consensus statements.

• Discuss the management of electrical and structural cardiomyopathies including the value of genetic testing, risk assessment and the treatment appropriate for the individual patient.

• Discuss the management of early postoperative tachyarrhythmias in the young as well as risk stratification for patients with late ventricular arrhythmias.

• Identify techniques for implantation of pacemakers and ICDs in the small child and in the patient with complex congenital heart disease.

• Identify the role of cardiac resynchronization therapy in the patient with and without congenital heart disease.

Who should attend?
Fellows and attendings in pediatric cardiology involved in arrhythmia management in children.
Friday, March 27, 2015  
Saturday, March 28, 2015  
Faculty  
General Information  
Outstanding young investigator award in pediatric electrophysiology  
Maps  
Contact / Sponsors  

Registration  
Thursday, March 26, 2015: 17:00 - 19:00  
Friday, March 27, 2015: 07:45 - 08:15
Design of the course

Throughout this teaching course we will have plenary sessions with state of the art lectures given by experts in their special fields. Interactive workshops will be held in between for teaching in small groups of 30 participants each allowing a practice-oriented teaching with in-depth discussions. During each of the interactive workshop sessions, 4 different topics will be offered. Each of the topics will be repeated once allowing the participants to attend 2 out of 4 topics, respectively.

08:15 - 08:30  Welcome and introduction  
Juha-Matti Happonen and Thomas Paul

State of the art lectures 1: Common pediatric arrhythmias

Moderators:  Thomas Kriebel and Juha-Matti Happonen

08:30 - 09:00  Cardiac anatomy relevant for the pediatric electrophysiologist  
Regina Bökenkamp

09:00 - 09:30  Supraventricular tachycardia in children with a normal heart: Pathophysiology, natural history, and contemporary management  
J. Philip Saul

09:30 - 10:00  Management of the asymptomatic child with Wolff-Parkinson-White syndrome  
Joachim Hebe

10:00 - 10:30  Ventricular tachycardia in children with a normal heart: Pathophysiology, natural history, and contemporary management  
Jean-Pierre Pfammatter

10:30 - 11:00  Coffee break and exhibition

11:00 - 12:00  Interactive workshops I (choose 2 out of 4)

11:00 - 11:30  Session 1

11:30 - 12:00  Session 2

a) Systematic approach to the pediatric electrocardiogram  
Heike Schneider

b) Narrow QRS complex tachycardia – differential diagnosis  
Juha-Matti Happonen

c) Wide QRS complex tachycardia – differential diagnosis  
Thomas Kriebel

d) Cardiac channelopathies – diagnostic work-up  
Arthur A. Wilde

12:00 - 13:00  Lunch and exhibition
State of the art lectures 2: Hot topics

Moderators: Laszlo Környei and Jan Janousek

13:00 - 13:45 New therapeutic strategies in cardiac channelopathies
Arthur A. Wilde

13:45 - 14:30 Fetal bradycardia and tachycardias – diagnosis and management
Nico A. Blom

14:30 - 15:00 Coffee break and exhibition

15:00 - 16:00 Interactive workshops II (choose 2 out of 4)

15:00 - 15:30 Session 1

15:30 - 16:00 Session 2

- a) Principles of electrophysiological study and endocardial mapping
  Joachim Hebe

- b) Principles of catheter ablation of paroxysmal supraventricular
tachycardia in the pediatric patient: hot and cool
  Fabrizio Drago

- c) Pharmacological therapy of pediatric tachyarrhythmias –
a systematic approach including management of tachycardias
  in the emergency room
  Roman A. Gebauer

- d) Management of perioperative arrhythmias
  Jan Janousek

16:00 - 17:00 Interactive workshops III (choose 2 out of 4)

16:00 - 16:30 Session 1

16:30 - 17:00 Session 2

- a) Sports, lifestyle and arrhythmias
  Laszlo Környei

- b) Difficult electrocardiograms - quiz
  Jean-Pierre Pfammatter

- c) Exercise testing in pediatric arrhythmias: protocols, indications
  and results
  Alpay Celiker

- d) Syncope in the young – when to worry
  Fabrizio Drago

19:30 Dinner and get together evening
Restaurant Kartoffelhaus / Goethe-Allee 8, 37073 Göttingen
www.kartoffelhaus-goettingen.de

Information
Maps and abbreviations you will find on page 11.
State of the art lectures 3: Arrhythmias in cardiomyopathies and congenital heart disease

Moderators: Fabrizio Drago and Jean-Pierre Pfammatter

08:30 - 09:00 Diagnosis and risk stratification in cardiomyopathies including ARVD/C
Nico A. Blom

09:00 - 09:30 Risk of sudden cardiac death in congenital heart disease
Thomas Paul

09:30 - 10:00 Catheter ablation of atrial tachycardia in postoperative congenital heart disease patients – the substrate is the target
J. Philip Saul

10:00 - 10:30 Coffee break and exhibition

10:30 - 12:00 Interactive workshops IV (choose 2 out of 4)

10:30 - 11:15 Session 1

11:15 - 12:00 Session 2

a) Hands-on-session with postmortem specimen: anatomy of the cardiac conduction system in congenital heart disease
Regina Bökenkamp

b) Pediatric pacemaker therapy: programming and trouble shooting
Alpay Celiker

c) Pediatric ICD therapy: programming and trouble shooting
Ulrich Krause

d) How to assess cardiac dyssynchrony?
Roman A. Gebauer

12:00 - 13:00 Lunch and exhibition

13:00 - 13:45 Young Investigator Award in pediatric electrophysiology

13:00 - 13:15 Presentation #1

13:15 - 13:30 Presentation #2

13:30 - 13:45 Presentation #3

Announcement: Winner Young Investigator Award
State of the art lectures 4: Device therapy

Moderators: Alpay Celiker and Nico Blom

13:45 - 14:15 Indications for pacemaker and ICD implantation in the young: current guidelines
   Juha-Matti Happonen

14:15 - 14:45 How to pace the pediatric heart – pace and synchronize
   Jan Janousek

14:45 - 15:15 ICD therapy in the young: technical considerations and results
   Thomas Kriebel

15:15 Closing remarks and farewell
   Juha-Matti Happonen and Thomas Paul
Course directors:

Juha-Matti Happonen, Helsinki, Finland
Laszlo Környei, Budapest, Hungary
Thomas Kriebel, Kaiserslautern, Germany
Thomas Paul, Göttingen, Germany

Faculty:

Regina Bökenkamp, Leiden, Netherlands
Nico A. Blom, Leiden, Netherlands
Alpay Celiker, Istanbul, Turkey
Fabrizio Drago, Rome, Italy
Roman A. Gebauer, Leipzig, Germany
Juha-Matti Happonen, Helsinki, Finland
Joachim Hebe, Bremen, Germany
Jan Janousek, Prague, Czech Republic
Laszlo Környei, Budapest, Hungary
Ulrich Krause, Göttingen, Germany
Thomas Kriebel, Kaiserslautern, Germany
Jean-Pierre Pfammatter, Berne, Switzerland
J. Philip Saul, Columbus, Ohio, United States
Heike Schneider, Göttingen, Germany
Arthur Wilde, Amsterdam, Netherlands
Enrollment and fees
Register early! Space will be limited to 120 attendees. Advanced registration fee is € 300 for the entire 2-day course. After January 1st, 2015, the fee will be € 350. The registration fee includes program syllabus materials, faculty presentations, coffee breaks, and lunch on Friday and Saturday. The fee also includes the dinner/get together on Friday evening.

Registration
For registration visit www.herzzentrum-goettingen.de/AEPC. You will receive a confirmation of your registration upon completed payment.

Accommodation
A total of 120 rooms has been reserved at a reduced rate until January 15, 2015, at Intercity Hotel Göttingen, Bahnhofsallee 1, 37081 Göttingen, Germany, Phone: +49-551-52110 (see map).

Please register online via E-mail at goettingen@intercityhotel.de with reference to the AEPC Teaching Course.

As an alternative and after January 15, 2015, book your hotel room via www.goettingen-tourismus.de/accommodation.html.

Cancellation
Full refund will be given provided that cancellation is received six weeks prior to the opening date of the program. A processing fee of € 100 will be charged for all cancellations received after this time and before the program opens. After the program begins, no refunds will be possible.

Venue
Historical library of Georg-August-University – Alfred-Hessel-Saal Papendiek 14, 37073 Göttingen (see map, page 11).

Dinner/get together evening
On Friday night at 19:30 participants and faculty will meet at Restaurant Kartoffelhaus (Goetheallee 8, 37073 Göttingen) for an informal dinner and get together near the meeting venue.
Outstanding young investigator award in pediatric electrophysiology

Call for papers

The council of the AEPC working group of pediatric dysrhythmias and electrophysiology wants to offer the opportunity to young scientists in this field to present their data on current research projects in order to stimulate the community. Presentations should refer to original material which should not have been presented or published as a whole prior to the course in a peer-reviewed journal or on an international scientific meeting.

Course participants are encouraged to submit abstracts (Word document including title, authors and affiliation, text including Objectives, Methods, Results and Conclusions limited to 350 words) related to research in pediatric and congenital electrophysiology for consideration of the Outstanding Young Investigator Award. Abstracts should be sent electronically to Thomas Paul (tpaul@gwdg.de).

The organizers will choose the best 3 abstracts for oral presentation as 10-minute-presentations during the teaching course. Deadline for abstract submission will be December 31, 2014. Authors will be notified upon acceptance no later than January 15, 2015.

Best 3 abstract presenters will receive complementary registration for the teaching course. The faculty will select the recipient of the Outstanding Young Investigator Award. The winner will be honored in addition with a complementary registration for the 49th Annual Meeting of the AEPC in Prague 2015 including the Gala Dinner.

Timeline

Abstract Submission Deadline December 31, 2014
Notification of Acceptance January 15, 2015
City map  all locations within walking distance

1 InterCityHotel  
Bahnhofsallee 1, 37081 Göttingen

2 Railway station

3 Historical library  
Papendiek 14, 37073 Göttingen

4 Heyne-Haus 
Papendiek 16, 37073 Göttingen

5 Restaurant Kartoffelhaus  
Goetheallee 8, 37073 Göttingen

Congress center

reg  Registration  
Historical library, first floor

Lecture hall  
Historical library, first floor

S1 Seminar room 1  
Historical library, first floor

S2 Seminar room 2  
Heyne-Haus, ground floor

S3 Seminar room 3  
Heyne-Haus, ground floor
Local Organizer
Thomas Paul, MD
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Information
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