

EuroGUCH 2017

The 8th European Meeting on Adult Congenital Heart Disease
5-6 May, 2017 | Lausanne, Switzerland

Final Program

An overflow projection will be screened to the Olympic Hall

Friday, 5 May, 2017

08:00-17:45	Registration	
09:00-09:05	Welcome	Auditorium
	<p>Greetings: Judith Bouchardy, Switzerland Daniel Tobler, Switzerland</p>	
09:05-09:45	S1: Heart Failure: Part 1 Chairs: Matthias Greutmann , Switzerland; Markus Schwerzmann , Switzerland	Auditorium
09:05	Survival Prospects of Contemporary GUCH Patients: Is Heart Failure the New Threat? Barbara Mulder , The Netherlands	
09:25	State of the Art of Heart Failure Treatment in GUCH Patients Werner Budts , Belgium	
09:45-10:45	S2: Heart Failure: Ask the Experts: Part 2 <i>How would you Treat this Patient?</i> Case Presenter: Matthias Greutmann , Switzerland Expert Panel: Karen Stout , USA; John Deanfield , UK, Gruschen Veldtman , USA	Auditorium
09:45	Failing Fontan with Protein-Losing Enteropathy	
10:05	ccTGA with Moderate Tricuspid Regurgitation and Heart Failure	
10:25	Pregnant CHD with Heart Failure	
10:45-11:15	Coffee Break, Networking, Exhibition Visit and E-Posters Viewing	
11:15-12:45	Rapid Fire Session: Therapeutic Innovations: Ready for the GUCH Patient Chairs: Andreas Eicken , Germany; Alessandro Giamberti , Italy	Auditorium
11:15	Subcutaneous ICD and Life Vest Haran Burri , Switzerland	
11:33	Leadless Pacing Christof Kolb , Germany	
11:51	TAVI for the Bicuspid Aortic Valve Stephan Windecker , Switzerland	
12:09	Percutaneous Repair of the Tricuspid Valve: On the Horizon? Francesco Maisano , Switzerland	
12:27	Assist Devices for the Failing Systemic Right Ventricle David Crossland , UK	

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12:45-13:45 Lunch Break, Networking and Exhibition Visit

13:30-14:15 **Satellite Symposium by Actelion** **Auditorium**
Overcoming Treatment Challenges in CHD-PAH Patients Presentation and Discussion of Two Challenging Clinical Cases

Expert Panelists:

Prof. Barbara J.M. Mulder

Department of Cardiology, Academic Medical Center, Amsterdam, The Netherlands

Prof. Maurice Beghetti

Centre Universitaire Romand de Cardiologie et Chirurgie Cardiaque Pédiatrique, CHUV/HUG, Lausanne/Geneva, Switzerland

13:30 When Should Bosentan be Switched to Macitentan?

Dr. Bruno Santos Lopes

University Hospital Zurich, Switzerland

13:45 Never Too Old to be Treated?

Dr. Alexandra C. van Dissel

Academic Medical Center, Amsterdam, The Netherlands

14:00 Discussion

14:15-15:35 **S3: New Drug Therapies for GUCH Patients** **Auditorium**
 Chairs: **Lorna Swan**, UK; **David Crossland**, UK

14:15 Angiotensin Receptor-Neprilysin Inhibitors in Heart Failure from CHD

Karen Stout, USA

14:35 NOAC's in GUCH

Barbara Mulder, The Netherlands

14:55 Pulmonary Vasodilators in Fontan Patients

Maurice Beghetti, Switzerland

15:15 Can we use the New Pulmonary Vasodilators also in Eisenmenger?

Gerhard Diller, Germany

15:35-16:05 **Coffee Break, Networking, Exhibition Visit and E-Posters Viewing**

16:05-17:25 **S4: Oral Anticoagulation: In Whom, When and How?** **Auditorium**
 Chairs: **Jolien Roos-Hesselink**, The Netherlands; **Helmuth Baumgartner**, Germany

Joint Session with ISACHD

16:05 Stroke in Adults with CHD: Incidence and Cumulative Risks

Sarah Thorne, UK

16:25 Can we use CHADS-VASC and HAS-BLED Scores to Risk Stratify GUCH Patients

Jolien W. Roos-Hesselink, The Netherlands

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- 16:45 Which GUCH Patient with IART Needs Long Term Anticoagulation
Judith Bouchardy, Switzerland
- 16:58 Which Adult Fontan Patient Needs Anticoagulation
Gruschen Veldtman, USA
- 17:11 Which Cyanotic Patient needs Anticoagulation
Erwin Oechslin, Canada

17:25-17:55 Jane Somerville Lecture
Chair: **Gary Webb**, USA

The Olympic Spirit in GUCH
John Deanfield, UK

ISACHD Lifetime Achievement Award
Prof. Jane Somerville

18:30-19:00 *Get Together Cocktail*
19:00-21:30 *Optional Gala Dinner*

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Saturday, 6 May, 2017

08:00	Registration	
08:30-10:00	Rapid Fire Session: Difficult Questions in Simple Lesions Chairs: Erwin Oechslin , Canada; Harald Gabriel , Austria	Auditorium
08:30	A Surgically Closed ASD II in Childhood: Completely Corrected? Alexander Kadner , Switzerland	
08:45	Hypertension in Repaired Coarctation: When to Intervene and How to Treat? Andreas Eicken , Germany	
09:00	Family Screening in Bicuspid Aortic Valves: Really Necessary? Julie De Backer , Belgium	
09:15	Marfan = Sartan? Romy Franken , The Netherlands	
09:30	RCA from the Left Coronary Sinus: Who needs Surgery? René Prêtre , Switzerland	
09:45	The Dilated PA: Is there a Risk of Dissection? Pastora Gallego , Spain	
10:00-10:30	Coffee Break, Networking, Exhibition Visit and E-Posters Viewing	
10:30-11:30	Debates Chairs: Julie De Backer , Belgium; Massimo Chessa , Italy	Auditorium
10:30	Bicuspid Aortic Valve: Operate Every Aorta at 5 cm Pro: Alessandro Giamberti , Italy Con: Markus Schwerzmann , Switzerland	
11:00	Every Fallot with Severe Pulmonary Regurgitation needs a New Valve Pro: Werner Budts , Belgium Con: Matthias Greutmann , Switzerland	
11:30-12:30	Rapid Fire Session: Simple Questions in Complex Lesions Chairs: Judith Bouchardy , Switzerland; Werner Budts , Belgium	Auditorium
11:30	Everything is Good in Arterial Switches? Daniel Tobler , Switzerland	
11:45	I'm a Fontan Patient and want to get Pregnant: Any Concerns? Lorna Swan , UK	
12:00	The Adult Fontan Patient with Suspected Hepatic Fibrosis: Do we need Liver Biopsies? Gruschen Veldtman , USA	
12:15	Low-Flow Low-Gradient Pulmonary Stenosis in Repaired TOF: Fact or Fiction? Helmut Baumgartner , Germany	
12:30-13:30	Lunch Break, Networking, Exhibition Visit and E-Posters Viewing	

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Saturday, 6 May, 2017 (cont.)

13:15-14:00	Satellite Symposium by Medtronic TPV Options for RVOT Patients	Auditorium
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Melody TPV: Past, Present and Future
Dr. Andreas Eicken, Germany

GUCH: Technical Options & Solutions
Prof. Oliver Kretschmar, Switzerland

14:00-15:30	S5: Living with a Heart Defect Chairs: Adrienne Kovacs , USA; Daniel Tobler , Switzerland	Auditorium
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14:00 Prescribing PDE-5-Inhibitors for Erectile Dysfunction: Safe in GUCH Patients?
Gerhard Diller, Germany

14:20 Lets Talk about Sex
Claudia Franke, Germany

14:40 Piercing and Tattoos: A Threat for our Patients?
Philip Moons, Belgium

15:00 Depression and Suicide among GUCH Patients: Never Heard of?
Adrienne Kovacs, USA

15:30 Q & A

15:30-16:00 Coffee Break, Networking, Exhibition Visit and E-Posters Viewing

16:00-17:20	S6: Sports and GUCH Chairs: Pastora Gallego , Spain; Philip Moons , Belgium	Auditorium
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16:00 Competitive Sport with a Dilated Aorta: Really Dangerous?
Christian Schmied, Switzerland

16:20 Sudden Cardiac Death in GUCH Patients during Activity: Who is really at Risk?
Dipen Shah, Switzerland

16:40 I want to Dive with my Heart Defect: Any Concerns?
Martin Kraus, Switzerland

17:00 The New ACC Recommendations for Competitives Athletes with CHD: Sense or Nonsense?
Harald Gabriel, Austria

17:20-17:45	Closing Session: Best Abstract Awards Chair: Werner Budts, Belgium	Auditorium
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17:20 Awards

17:22 Third Prize - Short Presentation by Winner

17:28 Second Prize - Short Presentation by Winner

17:34 First Prize – Short Presentation by Winner

17:40 *Closing Remarks:*
Matthias Greutmann and **Markus Schwerzmann**

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E-Poster Presentations

1. Long-Term Efficacy of Treat and Repair Strategy in Adult Patients with Atrial Septal Defect and Pulmonary Artery Hypertension
Teiji Akaqi, Japan
2. GUCH Patients Lost to Follow Up: Any Hope?
Fernando Amaral, Brazil
3. ST2, GDF15 and Galectin3 in Adults with Congenital Right Ventricular Heart Disease
Nir Amiram, Israel
4. Thromboembolic Complications in Fontan Patients: Still a Major Threat in the Current Era
Christine Attenhofer Jost, Switzerland
5. Long-term Subcutaneous Treprostinil for Pulmonary Arterial Hypertension Associated with Congenital Heart Disease
Olga Balint, Hungary
6. Aortic Valve-Sparing Operations for Aortic Root Aneurysms in Grown-Up Patients with Congenital Heart Disease
Dimitry Bobylev, Germany
7. Outcomes of Fontan Procedure: 10-year Experience
Yee Mon Aung, UK
8. Clinical Predictors of Intraatrial Reentrant Arrhythmias in Adults with Congenital Heart Disease
Pablo Avila, Spain
9. Long Term Follow-up after Complete Repair of Tetralogy of Fallot: A Point of View of a Single Center
Andrea Bacca, Italy
10. Anomalous Origin of Coronary Arteries: A Serendipitous Diagnosis of a Life-Threatening Congenital Disorder
Andrea Bacca, Italy
11. Prognostic Value of Left Atrial Size and Function in Adults with Tetralogy of Fallot
Vivian Baggen, The Netherlands
12. Characteristics and Health Services Utilization among Adults with Congenital Heart Disease: A Population-Based Study
Michal Benderly, Israel
13. Atherosclerotic Risk Factors are Associated with Coronary Artery Disease but not with Cerebrovascular Disease in Adults with Congenital Heart Disease
Jouke Bokma, The Netherlands
14. The Best Approach to Measure the Ascending Aorta: Comparison of Echocardiography, MRI and CT
Lidia Bons, The Netherlands
15. Risk Factors of Mortality among Adult Patients with Congenital Heart Disease
Francisco Buendia-Fuentes, Spain
16. Intravenous Treprostinil was use in Pediatric Patients during the Early Postoperative Period of Fontan Operation
Xiaoman Cai, China

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E-Poster Presentations (cont.)

17. Anticoagulation in Adults with Congenital Heart Disease and Atrial Arrhythmias. Updated Report from a Regional Registry of Congenital Heart Disease (RACCA)
Ana Campos, Spain
18. Pregnancy outcomes in a Cohort of Women with a Fontan Repair a UK Multicentre Study
Louise Coats, UK
19. Aortic Pericardial Valve used for Pulmonary Valve Regurgitation
Antonio F. Como, UK
20. Left-sided” Reinterventions in Adulthood in Patients with Congenital Heart Disease: A Single- Center Experience
Geoffroy De Beco, Belgium
21. 70 Years Old Female Patient with Pulmonary Artery Aneurysm: A Case Report and Review of Literature
Jure Dolenc, Slovenia
22. Pregnancy in Adult Congenital Heart Disease Patients: Maternal and Fetal Outcome, the Ain Shams Experience
Azza El Fiky, Egypt
23. Cardiopulmonary Performance in Adults with Repaired Tetralogy Of Fallot
Carla, Fernandex, Spain
24. Impact of Aorto-Pulmonary Collaterals Evaluated by CMR and “Effective” Cardiac Index Late after Fontan Palliation
Pierluigi Festa, Italy
25. Inherited Left Ventricular Non-Compaction in Spontaneous Monochorionic Diamniotic Twin Pregnancy
Samantha Fitzsimmons, UK
26. Outcome of Pregnancies in Women with Congenital Heart Disease
Eva Furenas, Sweden
27. Evolution of Adult Congenital Heart Disease Surgery in the XXI Century
Maria Garcia Vieites, Spain
28. The Risk Factor and Early Outcome of Postoperative Reactive Pulmonary Hypertension in Patients with VSD
Xiaolei Gong, China
29. Trends in Causes of Death with ACHD Population Aging
Ana Gonzalez, Spain
30. Resting Echocardiographic Parameters of the Systemic Right Ventricle are Insufficient to Understand Functional Limitations
Frederik Helsen, Belgium
31. Mortality and Risk Factors in Eisenmenger Syndrome in the Era of PAH-Specific Therapy
Monika Kaldararova, Slovakia
32. A Case Report of Coronary Artery Bypass Surgery for Dextrocardia in Situs Inversus at Bangkok Hospital Phuket
Suksan Kanoksin, Thailand

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33. Cardiac Rehabilitation in Patients with ASD
Joanna Kapusta, Poland
34. Risk Stratification for Maternal and Neonatal Adverse Events in the Pregnancy of Women with Tetralogy of Fallot
Nao Konagai, Japan
35. Aortic Dissection and Replacement in Congenital Heart Disease
Joey Kuijpers, The Netherlands
36. Characteristics and Outcomes of Heart Failure-related Hospitalization in Adults with Congenital Heart Disease
Magalie Ladouceur, France
37. Gender Features in Adults with Congenital Heart Disease (ACHD): Single Centre Experience in Ukraine
Ihor Lebid, Ukraine
38. Long-Term Follow-Up and Outcome in Patients with an Extra-Anatomic Ascending-Descending Aortic Bypass for Complex Aortic Arch Anatomy
Ophelie Loup, Switzerland
39. Factors Determining Functional Aerobic Capacity in Adults with Ebstein Anomaly
Begoña Manso, Spain
40. Pulmonary Perfusion in Patients with HLHS after Fontan Operation
Anna Mazurek-Kula, Poland
41. High Pulmonary Wedge Pressures Independently Predict Atrial Fibrillation in Patients after Trans-Catheter Closure of Atrial Septal Defect
Lukas Mark Meier, Canada
42. Clinical Response with Levosimendan in Patients with Advanced Right Heart Failure
Josep Lluís Melero-Ferrer, Spain
43. Associated Morbidities, use of Healthcare Resources and Event Free Survival in Patients with Tetralogy of Fallot
Josep Lluís Melero-Ferrer, Spain
44. Acquired Cardiovascular Disease Caused Heart Failure in a 71 Years Old Man with Congenitally Corrected Transposition of Great Artery: Can Rociguat be the Therapeutic Chance?
Margherita Ministeri, Italy
45. Challenges of Pregnancy after Aortic Coarctation Repair
Helena Nascimento, Portugal
46. Long Term Outcome in Adults with Repaired Coarctation of the Aorta
Helena Nascimento, Portugal
47. Left Ventricular Hypertrophy Predictors after Repaired Aortic Coarctation
Helena Nascimento, Portugal
48. In the Right Place at the Right Time
Helena Nascimento, Portugal

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49. Reverse Remodeling after Percutaneous Atrial Septal Defect Closure Reduces Tricuspid Regurgitation Severity
Martina Nassif, The Netherlands
50. TAVI in Bicuspid Aortic Valve
Patrizia Presbitero, Italy
51. Pregnancy in Unoperated Ebstein
Patrizia Presbitero, Italy
52. Right, But Not Left Ventricular Systolic Function is Associated with Peripheral Vascular Impairment in Adults with Repaired Tetralogy of Fallot
Katja Prokšelj, Slovenia
53. Diastolic Function, Heart Rate Variability and Exercise Capacity in Adults with Repaired Tetralogy of Fallot
Katja Prokšelj, Slovenia
54. Successful Treatment of a Juvenile Coarctatio Aortae Combined with Recurrent Congenital Aorto-Bronchial Fistulas by Aortic Homograft, by Aortic Stents & Coilings, (18 Years Follow)
Ernoe Rahajoe, Slovenia
55. Surgery of Grown Up Congenital Hearts (GUCH) in Indonesia; What Is Different From The Developed Countries?
Anna Ulfah Rahajoe, Indonesia
56. Long Term Follow-Up of Adult Patients with Anomalous Pulmonary Vein Return
Tobias Rutz, Switzerland
57. Benchmark Analysis of Swiss Centres Participating in the ROPAC, a Registry from the European Society of Cardiology (ESC)
Bruno Santos Lopez, Switzerland
58. Aortic Root Dilatation in Patients with Unclassified Congenital Connective Tissue Disorders
Elena Semenova, Russia
59. GUCH and Pregnancy: Ukrainian Experience
Serhiy Siromakha, Ukraine
60. Collagen Turnover Biomarkers and Systemic Right Ventricle Remodeling in Adults with Previous Atrial Switch Procedure for Transposition of the Great Arteries
Piotr Szymanski, Poland
61. Comparison of Myocardial Native T1 and ECV Mapping between Cyanotic and Non-Cyanotic Adult Congenital Heart Disease Patients with Ventricular Dysfunction
Tarinee Tangcharoen, Thailand
62. Oral Anticoagulation in Adults with Congenital Heart Disease and Atrial Arrhythmias - Insights from the Swiss Congenital Heart Disease Registry (SACHER)
Daniel Tobler, Switzerland
63. Phenotype, Management and Predictors of Outcome in a Large Cohort of Adult Congenital Heart Disease Patients with Heart Failure
Alexander Van De Bruaene, Canada

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E-Poster Presentations (cont.)

64. A Novel Fully Automated Software Algorithm for Left Heart Chamber Quantification by 3D-Echocardiography in Patients with Bicuspid Aortic Valve Disease
Allard van den Hoven, The Netherlands
65. Long-Term Clinical Outcomes of a Multicenter Randomized Trial Comparing Valsartan to Placebo in Patients with Systemic Right Ventricles
Alexandra van Dissel, The Netherlands
66. Gender Specific Influence of Lifestyle Factors and Psychological Distress on Quality of Life in Adults with Congenital Heart Disease
Mechthild Westhoff-Bleck, Germany
67. NT-proBNP Indicates Left Ventricular Impairment and Adverse Clinical Outcome in Patients with Tetralogy of Fallot and Pulmonary Regurgitation
Mechthild Westhoff-Bleck, Germany
68. Mortality Prospects in Adult Congenital Heart Disease: Potential Role of Immune Response
Mechthild Westhoff-Bleck, Germany
69. Strenuous Exercise is Safe in Symptomatic GUCH Patients: Let us Move toward a Sporty Future!
Michiel Winter, The Netherlands
70. Clinical Course of Tricuspid Regurgitation in Repaired Tetralogy of Fallot
Odilia I. Woudstra, The Netherlands
71. Need and Spectrum of Psychiatric Referrals and Diagnostic Findings in Adults with Congenital Heart Disease
Haci Y. Yakupoglu, Switzerland
72. Superior Vena Cava-Right Atrium Junction Flow Pattern Post Transcatheter Patent Foramen Ovale Closure
Sergey Yalonetsky, Israel
73. Interrupted Aortic Arch with Bicuspid Aortic Valve and Ascending Aortic Aneurysm in an Adult: A Case Report
John A. Yam, Philippines
74. Is Initiating NOACs for Atrial Arrhythmias Safe in Adults with Congenital Heart Disease?
Hayang Yang, The Netherlands
75. Operation and Reoperation for Congenital Heart Disease: 10 Years Follow-Up
Daniela Zakova, Czech Republic
76. Prevalence of Obesity among Adults with Surgically Operated Congenital Heart Disease
Mahmoud Zaqout, Belgium
77. Depression in Adults with Repaired Cyanotic Congenital Heart Disease
Renata Zivna, Czech Republic