

Cardiology in the Young

Cardiology in the Young
47th Annual Meeting of the Association for
European Paediatric and Congenital Cardiology, AEPC
with joint sessions
with the Japanese Society of Pediatric Cardiology
and Cardiac Surgery
London, UK, May 22–25, 2013



Supplement Editor:
Gurleen Sharland
Evelina Children's Hospital,
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Cardiology in the Young

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Cardiology in the Young is indexed and abstracted in Index Medicus/MEDLINE; Current Contents/Clinical Medicine; Research Alert; Sci Search; EMBASE/Excerpta Medica

Commissioning Editor: Dan Edwards

Production Editor: Nicki Marshall

Design and Production: MPS Limited, Bangalore

Printed & Bound: Latimer Trend, Plymouth

Published by Cambridge University Press (Journals), Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK
Tel: +44 (0)1223 326491; Fax: +44 (0)1223 325802; E-mail: dedwards@cambridge.org

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Wednesday	22.05.2013	14.00–20.00
Thursday	23.05.2013	07.30–18.30
Friday	24.05.2013	07.30–20.00
Saturday	25.05.2013	08.00–14.00

PCO

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Agenda

AEPC Business Meeting London

Thursday, 23 May 2013

Monarch Suite, Hilton Metropole, London

- | | |
|--|-----------------|
| 1. Welcome Address by the President | S Qureshi |
| 2. Obituary | |
| 3. Report of the President | S Qureshi |
| 4. Report of the Secretary-General | K Hanseus |
| 5. Report of the Scientific Secretary | K Brockmeier |
| 6. Report of the Treasurer | J Stein |
| 7. News from the Working groups | |
| Coding Committee | R Franklin |
| Cardiac Dysrhythmia and Electrophysiology | N Blom |
| Fetal Cardiology | J Carlos Areias |
| Genetics, Basic Science and Inherited Muscle Disease | M Gorenflo |
| Paediatric Cardiovascular Intensive Care | E Lechner |
| Cardiac Imaging | J Marek |
| Interventional Cardiology | G Butera |
| Cardiovascular Morphology | A Angelini |
| Congenital Heart Surgery | J Comas |
| Psycho-Social Care from Fetus to Adult | F Casey |
| GUCH Task Force | A Szatmari |
| Preventive Cardiology | E Jokinen |
| Junior members | B Bonello |
| 8. Report from the Advisory Board/National delegates | K Hanseus |
| 9. Introduction of New Members | K Hanseus |
| 10. Amendments to the Constitution | K Hanseus |
| 11. Cardiology in the Young, electrical or bundled? | K Hanseus |
| 12. Future Meetings | K Hanseus |
| 2014 Helsinki | |
| 2015 Prague | |
| 2016 | |
| 2017 | |
| 13. Other business | |

WEDNESDAY, 22 MAY 2013			
Buckingham Suite	Hilton Meeting Room 7-9	Presentation Room	Monarch Suite
08:30-15:30: Update Teaching Course Imaging & Surgical Working Groups			
8:30 – 10:10: Preoperative imaging in newborns and small children	08:30 – 10:30: National Delegates Meeting & Professional Advisory Committee		
COFFEE BREAK			
10:50 -12:30: Cardiac imaging in the peri-and postoperative management	10:30 – 12:30: Scientific Advisory Committee		
12:30 – 13:30: LUNCH BREAK			
13:30 – 15:30: Cardiovascular imaging behind routine: why and how?	13:30 – 15:30: Coding Committee	13:30 – 15:00: Education Committee	
			16:00-18:00: Mannheimer Lecture and Opening Ceremony
			18:00-20:00: Welcome Reception

THURSDAY, 23 MAY 2013					
Monarch Suite	Kings Suite Foyer	Buckingham Suite	Blenheim Suite	Hilton Meeting Room A	Hilton Meeting Room B
09:00 11:00: AEPC Business Meeting				08:00-09:00 Business Meeting Intervention WG	
11:30 – 13:00: COFFEE, EXHIBITION AND POSTERS					
11:30-13:00 Plenary Session Role of Hybrid Therapy	11:30-13:00 Moderated Poster Session 1	11:30-13:00 WG Fetal & Morphology Borderline left ventricle and ventricular disproportion	11:30-13:00 Abstract Session Psychosocial and General		09:00 – 19:00 9 th Annual Multi-Societal Database Committee for Pediatric and Congenital Heart Disease
LUNCH (Kings Suite)					
14:30-16:00 Joint Session AEPC/APPCS - Dealing with dilated ascending aorta/aortic root in ACHD	14:30-16:00 Moderated Poster Session 2	13:10-14:20 Industry Symposium Medtronic	13:10-14:20 Industry Symposium Abbvie Inc	LUNCH (Kings Suite)	
16:00 – 16:30: COFFEE, EXHIBITION AND POSTERS					
16:30-18:00 WG Imaging Right Ventricular Function		16:30-18:00 WG Psychosocial Managing the impact of a diagnosis of complex or inherited Cardiac Disease	16:30-18:00 Abstract Session Genetics and Basic Science	16:30-18:00 Anatomy Exhibition	
20:00: Juniors Dinner – Walgrave Arms, 40-42 Brendon Street, Marble Arch, London, W1H 5HE					

THURSDAY, 23 MAY 2013 (continued ...)			
Hilton MR 7-9	Hilton Meeting Room 10-12	Hilton Meeting Room 13-15	Hilton Meeting Room 16 & 17
08:00-09:00 Business Meeting Basic Science & Genetics WG	08:00-09:00 Business Meeting Cardiac Dysrhythmias WG	08:00-09:00 Business Meeting Fetal Cardiology WG	08:00-09:00 Business Meeting Surgery WG
			08:00-09:00 Business Meeting Prevention WG
			17:00-18:30: Meeting with Japanese Delegates

FRIDAY, 24 MAY 2013

Monarch Suite	Kings Suite Foyer	Buckingham	Blenheim	Hilton Meeting Room A	Hilton Meeting Room B
08:00-9:00 Council Meets Industry				08:00-09:00 Business Meeting Imaging	08:00-09:00 Drug Task Force
09:00-10:30 JSPCCS/AEPC Joint Session Failing Fontan	09:00 – 10:30 Moderated Posters 3			09:00-10:30 Abstract Session Outcome	09:00-10:30 WG Morphology Reappraising the RVOT in Tetralogy of Fallot
10:30 – 11:30: COFFEE, EXHIBITION AND POSTERS					
11:30-13:00 Young Investigators Award	11:30 – 13:00 Moderated Posters 4	11:30-13:00 WG Dysrhythmias Electrical Device Therapy in Children	11:30-13:00 Abstract Session Intervention	11:30-13:00 Abstract Session General Paediatric Cardiology	
13:10-14:20 Industry Symposium Extended Use of Stents in Congenital Heart Disease	LUNCH (Kings Suite)	13:10-14:20 Industry Symposium Siemens	13:10-14:20 Industry Symposium St Jude Medical	13:00-14:00 Junior Members' Meeting	LUNCH (Kings Suite)
14:30-16:00 Joint Session AEPIC/ EACTS - Techniques to augment pulmonary blood flow in CHD		14:30-16:00 WG Genetics & Basic Science - Vascular Function in Fontan	14:30-16:00 Abstract Session Fetal Cardiology		14:30-16:00 Abstract Session Prevention & General Paediatric Cardiology
16:00 – 16:30: COFFEE, EXHIBITION AND POSTERS					
16:30-18:00 WG GUCH & Intervention Aortic Coarctation in Adulthood: medical and Non-medical Treatment		16:30-18:00 WG PICU Learning from the Experts	16:30-18:00 Abstract Session Imaging	16:30-18:00 Anatomy Exhibition	16:30-18:00 WG Fetal Cardiology Puzzle the Experts
20:00: Pre-dinner drinks (Kings Suite) 20:30: Gala dinner (Monarch Suite)					

FRIDAY, 24 MAY 2013 (continued ...)

Hilton Meeting Room 7-9	Hilton Meeting Room 10-12	Hilton Meeting Room 13-15	Hilton Meeting Room 16 & 17
<p>08:00-09:00 Business Meeting Psycho-Social Care from Fetus to Adult WG</p>	<p>08:00-09:00 Business Meeting Morphology WG</p>	<p>08:00-09:00 Business Meeting GUCH Task Force</p>	<p>08:00-09:00 Business Meeting PICU WG</p>

SATURDAY, 25 MAY 2013		
Monarch Suite	Hilton Meeting Room A	Hilton Meeting Room B
09:00-10:30 Plenary Session Heart Failure	09:00 – 10:30 Abstract Session GUCH	09:00 – 10:30 WG Surgery Are the Views Different?
10:30 – 11:00: COFFEE, EXHIBITION AND POSTERS		
11:00-12:30 Intervention Complications Session	11:00-12:30 WG Prevention/Dysrhythmias Sports and the Heart	11:00 – 12:30 Abstract Session Surgery
12:30-13:20 KEYNOTE CLOSING LECTURE		
13:20-13.30 CLOSING REMARKS		



*47th Annual Meeting of the Association
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Aisa-Pacific Pediatric Cardiac Society*

SCIENTIFIC PROGRAMME

WEDNESDAY 22. MAY 2013

**We 07:45–15:30
Buckingham Suite**

Update Course – Imaging & Surgical

**We 08:00–08:30
Blenheim Suite**

Registration & Refreshments

**We 08:30–10:10
Buckingham Suite**

Preoperative imaging in newborns and small children

Chair: Owen Miller (London, UK), George Sarris (Athens, Greece)

08:30

What the surgeon has to know and what he wants to know
Asfour B.

08:50

Fetal echocardiography makes everything clear
Sharland G.

09:10

Is there still space for cardiac angiography?
Butera G.

09:30

Echocardiography – the first choice!
Marek J.

09:50

MRI/CT – only an addition?
Eichhorn J.

**We 10:10–10:50
Blenheim Suite**

Coffee Break

**We 10:50–12:30
Buckingham Suite**

Cardiac imaging in the peri- and postoperative management

Chair: Ornella Milanese (Padua, Italy), Juan Comas (Madrid, Spain)

10:50

In front of the curtain
Sarris G.

11:10

Behind the curtain
Vogt V.

11:30

Whom I want to talk to and whom I want to listen to?
Tsang V.

11:50

Hybrid imaging: all in one?
Greil G.

12:10

Hybrid procedures in operating theatre: hole in one?
Schranz D.

**We 12:30–13:30
Blenheim Suite**

Lunch

**We 13:30–15:30
Buckingham Suite**

Cardiovascular imaging behind routine: why and how?

Chair: Jan Marek (London, UK), Bohdan Maruszewski (Warsaw, Poland)

13:30

Tissue Deformation Imaging: does it help in clinical decision making?
Bijnens B.

13:50	Real-time 3D Echocardiography: why surgeon likes it more than cardiologist? <i>Simpson J.</i>
14:10	Cardiac modelling: next generation needs it! <i>Taylor A.</i>
14:30	Virtual surgery for pre-procedural planning in CHD <i>Hsia T.Y.</i>
14:50	CircAdapt: a model to imag(in)e cardiovascular (patho)physiology <i>Delhaas T.</i>
15:10	Discussion and quiz
We 08:30–10:30 Hilton Meeting Room 7–9	National Delegates Meeting & Professional Advisory Committee
We 10:30–12:30 Hilton Meeting Room 7–9	Scientific Advisory Committee
We 13:30–15:30 Hilton Meeting Room 7–9	Coding Committee
We 13:30–15:00 Presentation Room	Education Committee
We 16:00–18:00 Monarch Suite	Opening Ceremony and Mannheimer Lecture – Professor John Hess - “Impact of changing patterns and technologies for CHD on long term outcomes” <i>Chair: Shakeel Qureshi (London, UK), Gurleen Sharland (London, UK)</i>
We 18:00–20:00 King’s Suite	Welcome Reception

THURSDAY 23. MAY 2013

Th 08:00–09:00 Hilton Meeting Room 7–9	WG Business Meeting: Basic Science & Genetics
Th 08:00–09:00 Hilton Meeting Room 10–12	WG Business Meeting: Cardiac Dysrhythmias
Th 08:00–09:00 Presentation Room	WG Business Meeting: Prevention
Th 08:00–09:00 Hilton Meeting Room 16–17	WG Business Meeting: Surgery
Th 08:00–09:00 Hilton Meeting Room A	WG Business Meeting: Intervention
Th 08:00–09:00 Hilton Meeting Room 13–15	WG Business Meeting: Fetal Cardiology
Th 09:00–19:00 Hilton Meeting Room B	9th Annual Multi-Societal Database Committee for Pediatric and Congenital Heart Disease
Th 09:00–11:00 Monarch Suite	AEPC Business Meeting <i>Chair: Shakeel Qureshi (London, UK), Katarina Hanseus (Lund, Sweden)</i>
Th 10:30–11:30 King’s Suite	Coffee Break, Posters and Exhibition
Th 11:30–13:00 Monarch Suite	Plenary Session: Role of Hybrid Therapy <i>Chair: Aphrodite Tzifa (Athens, Greece), David Anderson (London, UK)</i>
11:30	Borderline left heart – treatment strategies <i>Tulzer G.</i>
11:50	Is hybrid here to stay <i>Benson L.</i>
12:10	Changes in hybrid strategies <i>Anderson D.</i>
12:30	Hybrid does not make any sense <i>Asfour B.</i>
12:50	Discussion

Th 11:30–13:00
Buckingham Suite**Working Group Symposium – Fetal Cardiology and Morphology: Borderline left ventricle and ventricular disproportion***Chair:* Jose Areias (Porto, Portugal), Annalisa Angelini (Padua, Italy)

- 11:30 Histopathology of borderline LV and HLHS
Gittenberger-de Groot A.
- 11:45 An approach to fetal ventricular disproportion
Simpson J.
- 12:00 Update on FWG study on intrauterine management of aortic stenosis
Kovacevic A.
- 12:15 Borderline LV, the paediatric cardiologist's approach
Rijlaarsdam M.
- 12:30 Borderline LV, the surgical approach: staged recruitment
Myers P.
- 12:45 Discussion

Th 11:30–13:00
Blenheim Suite**Abstract Session 1: PSYCHOSOCIAL AND GENERAL***Chair:* Frank Casey (Belfast, UK), Grazyna Brzezinska-Rajszyz (Warsaw, Poland)

- 11:30 Postoperative systemic inflammatory response is an important determinant for adverse
O1-1 two-year neurodevelopmental outcomes after the Norwood procedure
Li X., Robertson C., Yu X., Cheyesh A., Dinu I., Li J.
- 11:40 Liver Fibrosis in Patients with Fontan Circulation Leads to Alteration in Portal Venous
O1-2 Hemodynamics
Hayashi T., Shindo T., Hirata Y., Shimizu N., Inuzuka R.
- 11:50 Outcome of dilated cardiomyopathy in very young children
O1-3
Rupp S., Tholen L., Bauer J., Latus H., Apitz C., Zeiher A.M., Schranz D.
- 12:00 Long-term outcome of 117 patients with univentricular heart and common
O1-4 atrioventricular valve
Bajolle F., Laux D., Boudjemline Y., Bonnet D.
- 12:10 Exercise capacity in children after total cavopulmonary connection; lateral tunnel versus
O1-5 extracardiac conduit technique.
Bossers S.S.M., Helbing W.A., Duppen N., Kuipers I.M., Ten Harkel A.D.J., Takken T.
- 12:20 Direct Intrapulmonary Injection of Iloprost in the Pulmonary Artery for Testing
O1-6 Vasoreagibility in Pulmonary Hypertension
Degener F., Haas N.A., Hertwig C., Moysich A., Laser K.T., Sandica E., Kececioglu D.
- 12:30 Are deficits in emotion processing part of the neurodevelopmental morbidities after
O1-7 transposition of the great arteries (TGA)?
Calderon J., Angeard N., Pinabiaux C., Bonnet D., Jambaque I.
- 12:40 Illness narratives from school-age children with congenital heart defects: children's
O1-8 perspectives on life experiences and coping strategies related to severity of cardiac diagnosis
Knowles R.L., Tadic V., Hogan A., Bull C., Wren C., Rahi J., Dezateux C. [On behalf of the UK Collaborative Study of Congenital Heart Defects UKCSCHD]

Th 11:30–13:00
King's Suite Foyer**Moderated Posters 1****Interventional Cardiology and Basic Science***Chair:* Francois Godart (Lille, France), Ulrika Salzer- Muhair (Vienna, Austria)

- 11:30 Percutaneous closure of coronary artery fistulas in paediatrics
PW1-1
Mottin B., Baruteau A., Boudjemline Y., Piéchaud J.F., Godart F., Lusson J.R., Hascoet S., Guérin P.
- 11:36 Radiofrequency Catheter Ablation – A Novel Concept For The Treatment of Hypertrophic
PW1-2 Obstructive Cardiomyopathy
Hauser J., Sreeram N., Pees C., Luckner D., Novak S., Michel-Behnke I.
- 11:42 Intermediate and late outcome of Fontan patients after fenestration closure – single
PW1-3 institutional study
Bobik L., Masura J.
- 11:48 Successful off-label implantation of the 'aortic' Edwards SAPIEN XT valve (29 mm) in
PW1-4 right heart valvular lesions
Kanaan M., Eicken A., Peters B., Mazzitelli D., Schubert S., Fratz S., Berger F., Ewert P.
- 11:54 Stent implantation as treatment for coarctation of the aorta with near total aortic occlusion
PW1-5
Mervis J.G., Uebing A., Rigby M.L., Magee A.G.

- 12:00
PW1-6 Early Single Stage Hybrid Approach for Hypoplastic Left Heart Syndrome: Our Experience
Manuri L., Agati S., Saitta M., Poli D., Campisi M., Trimarchi E., Iannace E., Morelli S., Pongiglione G., Pirti C., Dilorio F., Guccione P.
- 12:06
PW1-7 Results from an open-label, long-term safety and tolerability extension study using the pediatric Formulation of bosentan in pulmonary arterial hypertension (FUTURE-2)
Berger R.M.F., Haworth S.G., Bonnet D., Acar P., Fraisse A., Galie N., Ivy D., Jais X., Miera O., Rosenzweig E.B., Efficace M., Kusic-Pajic A., Beghetti M.
- 12:12
PW1-8 Interventional closure of ventricular septal defects with the new Nit-Occlud Lè VSD device – 24 month of experience
Moysich A., Laser K.T., Kececioglu D., Sandica E., Haas N.A.
- 12:18
PW1-9 Technical aspects of hybrid procedure in hypoplastic left heart syndrome – the “true hybrid”
Knirsch W., Quandt D., Dave H., Pretre R., Huebler M., Bürki C., Kretschmar O.
- 12:24
PW1-10 Novel Method of Surgical Preparation for Transcatheter Completion of Fontan circulation: creation of an extracardiac pathway
Malekzadeh-Milani S., Gerelli S., Van Steenberghe M., Patel M., Bonnet D., Boudjemline Y.
- 12:30
PW1-11 Transcatheter Occlusion of Patent Ductus Arteriosus (PDA) in Low-Weight Pre-term Neonates (< 2 kg) with Amplatzer Occluder II Additional Size (ADO-II-AS)
Rodriguez A., Ballesteros F., Alvarez T., Medrano C., Centeno M., Gil N., Camino M., Panadero E., Zunzunegui J.L.
- 12:36
PW1-12 Percutaneous Pulmonary Valve Implantation PPVI in post surgical conduit-free RVOT
Cools B., Heying R., Boshoff D., Suys B., Frerich S., Troost E., Budts W., Gewillig M.
- 12:42
PW1-13 Transhepatic cardiac catheterisation in children: What have we learnt?
Gambra M., Ballesteros F., Alvarez M., Centeno M., Slanovic L., Gil N., Zunzunegui J.L.
- 12:48
PW1-14 Lineage tracing of cells from the sino-atrial node area to determine the fate of the chicken cardiac conduction system
Kelder T.P., Vicente-Steijn R, de Ruiter M.C., Poelman R.E., Schalij M.J., Gittenberger-de Groot A.C., Jongbloed M.R.M.
- 12:54
PW1-15 Tenascin-C as a novel predictor of unresponsiveness to high-dose intravenous immunoglobulin and coronary artery lesions in patients with Kawasaki disease
Okuma Y., Imanaka K., Hiroe M., Matsushita T., Abe J., Ichida F., Shiraishi I., Suda K., Mitani Y., Yoshikane Y.
- Th 13:00–14:30
King’s Suite** **Lunch**
- Th 13:10–14:20
Buckingham Suite** **INDUSTRY SYMPOSIUM – MEDTRONIC: Melody® TPV Therapy: 12 Years of Global Clinical Experience**
Chair: Peter Ewert (Munich, Germany)
- 13:10 Surgical handling of the RVOT for the present and the future
Dave H.
- 13:30 Melody implantation: what have we learned?
Kretschmar O.
- 13:50 Melody Munich mid-term experience: clinical outcomes and quality of life
Hager A.
- 14:00 Q&A and conclusion
Ewert P.
- Th 13:10–14:20
Blenheim Suite** **INDUSTRY SYMPOSIUM – ABBVIE INC: Paediatric Congenital Heart Disease & RSV**
Chair: Robert Tulloh (Bristol, UK)
- 13:10 RSV Paediatric Cardiology including a UK perspective
Tulloch R.
- 13:30 Topic: Prevention/prophylaxis of RSV in the high-risk CHD child
Gournay V.
- 13:50 RSV Cardiology, a Surgeon’s Perspective
Gil-Jaurena J.M.

Th 14:30–16:00 Monarch Suite	Joint Session AEPC/APPCS: Dealing with dilated ascending aorta/aortic root in ACHD <i>Chair: Mei Hwan Wu (Taipei, Taiwan), Bohdan Maruszewski (Warsaw, Poland)</i>
14:30	Bicuspid aortic valve – molecular basis <i>De Backer J.</i>
14:46	Therapeutic potential for ARBs for Marfan patients <i>Wu M.H.</i>
15:02	Dilated aortic root after arterial switch operation <i>Ghez O.</i>
15:18	Dilated aortic root after repair of TOF/pulmonary atresia <i>Barron D.</i>
15:34	Treatment of aortopathy <i>Brizard C.</i>
15:50	Discussion
Th 14:30–16:00 Buckingham Suite	Working Group Symposium – Intervention: Coronary arterial fistulas – 2013 updates <i>Chair: Andreas Eicken (Munich, Germany), Gianfranco Butera (Milan, Italy)</i>
14:30	Morphology of coronary arterial fistulas <i>Kolesnik A.</i>
14:50	Clinical impact, natural history and indication for treatment of coronary fistulas <i>Thompson J.</i>
15:10	Catheter interventional treatment (which lesion can be treated in cath lab) <i>Qureshi S.</i>
15:30	Surgical treatment (which lesion can not be treated in cath lab) <i>Sarris G.</i>
15:50	Discussion
Th 14:30–16:00 Blenheim Suite	Abstract Session 2: DYSRHYTHMIAS AND ELECTROPHYSIOLOGY <i>Chair: Jo DeGiovanni (Birmingham, UK), Alpay Celiker (Istanbul, Turkey)</i>
14:30 O2-1	Characterization of right ventricular activation in patients with Tetralogy of Fallot and right bundle branch block <i>Jalal Z., Sacher F., Bordachar P., Derval N., Ploux S., Jais P., Haissaguerre M., Thambo J.-B.</i>
14:40 O2-2	Changes in conduction and restriction of expression patterns during sinoatrial and atrioventricular node development: role of ROCK signalling <i>Vicente-Steijn R., Wisse L.J., Poelmann R.E., Gittenberger-de Groot A.C., Schalij M.J., Jongbloed M.R.M.</i>
14:50 O2-3	First experience with a new totally subcutaneous ICD (Cameron Health) in five high risk patients with complex congenital heart disease (CHD) <i>Peters B., Rosenthal E., Schmitt B., Schoof S., Berger F.</i>
15:00 O2-4	Intraoperative Treatment of Arrhythmias in Adult Patients With Congenital Heart Disease <i>Pluchinotta F.R., Foresti S., Chessa M., Micheletti A., Negura D., Carminati M., Frigiola A., Giamberti A.</i>
15:20 O2-6	Permanent left ventricular apical cardiac pacing in children: long-term follow-up <i>Kubus P., Gebauer R.A., Matějka T., Bandžuchová Ž., Brázdil J., Janoušek J.</i>
15:30 O2-7	Presentation and follow up of Brugada Syndrome in children <i>Dewals W., De Asmundis C, Benatar A., Brugada P.</i>
15:40 O2-8	Defining Cardiac Ion Channelopathies in Sudden Infant Death Syndrome: A Systematic Review <i>Prendiville T., Clapp A., Ozonoff A., Abrams D.</i>
Th 14:30–16:00 King's Suite Foyer	Moderated Posters 2 General paediatric cardiology and End-stage heart and lung disease <i>Chair: Katarina Hanseus (Lund, Sweden), Joerg Stein (Innsbruck, Austria)</i>
14:30 PW2-1	Plastic Bronchitis – Symptomatic improvement after pulmonary arterial stenting in four patients with Fontan circulation <i>Tanase D., Ewert P., Eicken A.</i>
14:36 PW2-2	Values of immunoglobulin G are correlated with the responsiveness to initial <i>Yanagimoto K., Nomura Y., Masuda K., Hirabayashi M., Morita Y., Arata M., Ueno K., Eguchi T., Kawano Y.</i>

- 14:42
PW2-3 Brain volumetry in infants with congenital heart disease: pre- and postoperative assessments using cerebral MRI compared to healthy controls
Knirsch W., Latal B., Scheer I., Liamlahi R., Bernet V., Dave H., Schmitz A., Hagmann C., Buchmann A., von Rhein M. [on behalf of the Research Group Heart and Brain]
- 14:48
PW2-4 Relation of quality of life, exercise capacity, and ventricular function in adults with repaired tetralogy of Fallot
Hua Y.C., Chen C.A., Chiu H.H., Liao S.C., Lue C.W., Lin M.T., Chiu S.N., Chang C.I., Chiu I.S., Chen Y.S., Hung-Chi Lue H.C., Wang J.K., Wu M.H.
- 14:54
PW2-5 Pulmonary Arterial Hypertension in Children with Congenital Portosystemic Venous Shunt
Nagata H., Yamamura K., Uike K., Nakashima Y., Hirata Y., Ihara K., Hara T.
- 15:00
PW2-6 Effectiveness of Ambrisentan Therapy in Patients of Protein-Losing Enteropathy after Fontan Operation
Yutaka O., Satoshi Y., Kiyohiro T., Sei-ichi T., Hiromitsu M., Yosuke A., Takahiko S.
- 15:06
PW2-7 Normal Blood Pressure and Maximum Rate Pressure Product Responses to Treadmill Exercise Test in Healthy British Children
Uzun O., Davies R., Babaoglu K., Ayhan Y.I., D'Silva L.A., Lewis M., Wilson D.G., Wong A.
- 15:12
PW2-8 Reference values of the right ventricular outflow tract systolic excursion (RVOT SE) in 711 healthy children and calculation of z-score values
Koestenberger M., Ravekes W., Avian A., Heinzl B., Cvirn G., Nagel B., Fritsch P., Fandl A., Rehak T., Gamillscheg A.
- 15:18
PW2-9 Functional analysis of the anatomical right ventricular components : should assessment of right ventricular function after repair of tetralogy of Fallot be refined?
Bove T., Vandekerckhove K., Panzer J., De Groot K., De Wilde H., De Wolf D., De Backer J., Demulier L., Devos D., François K.
- 15:24
PW2-10 Assessment of early onset chronic progressive anthracycline cardiotoxicity by tissue Doppler imaging in children
Kocabaş A., Akçurum G., Kardelen F., Aldemir-Kocabaş B., Yeşilipek A., Hazar V., Ertuğ H.
- 15:30
PW2-11 Progression of aortic valve dysfunction and aortic root dilatation in paediatric patients with isolated bicuspid aortic valve
Favilli S., Spaziani G., Ballo P., Fibbi V., Buonincontri L., Pollini I., Zuppiroli A., Chiappa E.
- 15:36
PW2-12 Comparison of echocardiography and ECG for detection of abnormal phenotype in childhood mutation carriers for familial hypertrophic cardiomyopathy
Allahyari P., Östman-Smith I.
- 15:42
PW2-13 Anomalous left coronary artery from the pulmonary artery associated with other cardiac defects : a difficult joint diagnosis
Laux D., Bertail C., Bajolle F., Houyel L., Boudjemline Y., Bonnet D.
- 15:48
PW2-14 Outpatient Clinical Follow Up of Children With Implantable Continuous Flow Ventricular Assist Devices: The Preliminary Experience from Ege University Hospital
Ulger Z., Engin C., Bozabalı S., Ozyurek A.R., Ozbaran B., Levent E., Ozbaran M.
- 15:54
PW2-15 Effects of carvedilol therapy on cardiac autonomic control, QT dispersion and ventricular arrhythmias in children with dilated cardiomyopathy
Ofiaz M.B., Balli S., Kibar A.E., Ece I., Akdeniz C., Tuzcu V.

**Th 16.00–18.00
King's Suite**

Coffee Break, Posters and Exhibition

**Th 16:30–18:00
Hilton Meeting Room A**

Anatomy Exhibition

Chair: Daniel De Wolf (Ghent, Belgium), Georgia Sarquella Brugada (Barcelona, Spain)

**Th 16:30–18:00
Monarch Suite**

Working Group Symposium – Imaging: All about right ventricular function in:

Chair: Jan Marek (London, UK), Joachim Eichhorn (Heidelberg, Germany)

16:30

Tetralogy of Fallot
Helbing W.

16:50

Pulmonary hypertension
Delhaas T.

17:10

Transposition after atrial correction
Meierhofer C.

17:30

Hypoplastic left heart after staged Fontan
Bell A.

17:50

Discussion

Fr 08:00–09:00
Hilton Meeting Room 16–17

WG Business Meeting: PICU

Fr 08:00–09:00
Hilton Meeting Room 7–9

WG Business Meeting: Psycho-Social Care from Fetus to Adult

Fr 08:00–09:00
Hilton Meeting Room B

Drug Task Force

Chair: Joerg Stein (Innsbruck, Austria)

Fr 09:00–10:30
Monarch Suite

Joint Session AEPC/JSPCCS: Failing Fontan

Chair: Eero Jokinen (Helsinki, Finland), Toshio Nakanishi (Tokyo, Japan)

09:00

Failure of the Fontan circulation: is the ventricle failing?
Jokinen, E.

11:13

Impact of anticoagulation and anti-anticoagulation
Ohuchi H.

11:26

Arrhythmia: interventions and prognosis
Toyohara K.

11:39

Protein losing enteropathy: interventions and prognosis
Sreeram N.

11:52

Fontan pulmonary circulation: need for catheter and medical interventions
Nakanishi T.

12:05

Fontan circulation: conversion and transplantation
Comas J.

12:18

Discussion

Fr 09:00–10:30
Hilton Meeting Room B

Working Group Symposium – Morphology: Reappraising the RVOT in Tetralogy of Fallot

Chair: Lucile Houyel (Paris, London), Gerardus Bennink (Cologne, Germany)

09:00

Morphological perspective
Angelini A.

09:20

Preservation of the pulmonary valve complex
Vida V.

09:40

Substrates of post-operative Arrhythmias in ACHD TOF patients
Ho S.Y.

10:00

Diagnosis and management of post-operative arrhythmias
Ernst S.

10:20

Discussion

Fr 09:00–10:30
Hilton Meeting Room A

Abstract Session 7: OUTCOME

Chair: Rodney Franklin (London, UK), Andre Bozio (Lyon, France)

09:00

O7-1

Abnormal myocardial rotation is a non-invasive marker of rejection in paediatric heart transplant recipients
Grotenhuis H., Nyns E.C.A., Kantor P.F., Greenway S.C., Holtby H., Chaturvedi R., Yoo S.-J., Grosse-Wortmann L.

09:10

O7-2

Usefulness of Cardiac Magnetic Resonance in the Assessment of Myocardial Inflammation and Fibrosis in Children Born to Mothers with Anti-SSA/Ro Antibodies: A Prospective Study of 26 Cases and 6 Controls
Maltret A., Costedoat-Chalumeau N., Levesque K., Kutty S., Villain E., Raimondi F., Ou P., Guettrot-Imbert G.

09:20

O7-3

Dramatic Improvement of the prognosis of idiopathic PAH in the young during the last 3 decade – Predictive factors from a single center experience with 92 cases
Saji T., Matsuura H., Takatsuki S., Ikehara S., Naoi K., Ozawa T.

09:30

O7-4

Limited preload reserve during exercise limits exercise capacity in healthy Fontan patients
Van De Bruaene A., La Gerche A., Claessen G., De Meester P., Devroe S., Bogaert J., Claus P., Heidbüchel H., Budts W., Gewillig M.

09:40

O7-5

Sildenafil Improves Exercise Hemodynamics in Fontan patients
Van De Bruaene A., La Gerche A., Claessen G., De Meester P., Devroe S., Bogaert J., Claus P., Heidbüchel H., Gewillig M., Budts W.

09:50

O7-6

Long term follow-up after heart transplantation in very young children
Veyrier M., Ducreux C., Henaine R., Bozio A., Sassolas F., Ninet J., Di Filippo S.

- 10:00
O7-7 Cardiac and Multi-Organ Transplantation for End-Stage Congenital Heart Disease
Robinson J., Driscoll D.J., O'Leary P.W., Burkhart H.M., Dearani J.A., Daly R.C., Edwards B.S., Johnson J.N.
- 10:10
O7-8 The role of perinatal autopsy in prenatal interventions patients
Kolesnik A., Dębska M., Dębski R., Szymkiewicz-Dangel J.

**Fr 09:00–10:30
King's Suite Foyer**

Moderated Posters 3

Surgery and Intensive care and Imaging/functional assessment

Chair: Derize Boshoff (Leuven, Belgium), Boulos Asfour (Sankt Augustin, Germany)

- 09:00
PW3-1 Effects of surgical truncus block rotation on the conduction system in children with transposition of the great arteries and left ventricular outflow obstruction
Prandstetter C., Tulzer A., Mair R., Sames-Dolzer E., Hakami L., Tulzer G.
- 09:06
PW3-2 Microdialysis – a new diagnostic tool in research of congenital heart surgery
Kubicki R., Grohmann J., Siepe M., Benk C., Humburger F., Rensing-Ehl A., Stiller B.
- 09:12
PW3-3 A comparative histopathological study of heparin coated and uncoated polytetrafluorethyle grafts in children with congenital heart defects
Hörer J., Cleuziou J., Kasnar-Samprec J., Schreiber C., Balling G., Foth R, Lange R., Sigler M.
- 09:18
PW3-4 Early Ross-Konno surgery for treatment of critical aortic stenosis
Tulzer G., Tulzer M., Hakami L., Gitter R., Arzt W., Mair R.
- 09:24
PW3-5 An old surgical approach renewed: Pulmonary Artery Banding for treatment of Left Ventricular Dilated Cardiomyopathy
Schmidt D., Rupp S., Bauer A., Latus H., Apitz C., Müller M., Thul J.M., Valeske K., Akintürk H., Schranz D.
- 09:30
PW3-6 Early results and long-term follow-up after mechanical circulatory support (MCS) with a variety of devices in children
Dangel G.R., Bächle F., Benk C., Grohmann J., Kroll J., Siepe M., Fleck T., Höhn R., Beyersdorf F., Stiller B.
- 09:36
PW3-7 Extracorporeal Life Support for Children with Late (post discharge) Rejection after Heart Transplantation: 10 year single center experience
Lammers A.E., Burch M., Brown K.L., Hoschtitzky J.A., van Doorn C., Goldman A.P., Hoskote A.
- 09:42
PW3-8 Left coronary artery Doppler systolic flow reversal is associated with adverse myocardial events post arterial switch operation for Transposition of the Great Arteries
Nield L.E., MacColl C.E., Dragulescu A., Golding F., Mertens L., Manlihot C., Brun H., McCrindle B.W., Caldarone C.A.
- 09:48
PW3-9 Changes of left ventricular rotation from Infancy to Adulthood
Laser K.T., Hauffe P., Körperich H., Habash S., Haas N.A., Moysich A., Sandica E., Kececioglu D.
- 09:54
PW3-10 Impact of age and gender on longitudinal indexes of left ventricular systolic function in a normal paediatric population
Favilli S., Fibbi V., Ballo P., Spaziani G., Calabri G.B., Chiappa E., Zuppiroli A.
- 10:00
PW3-11 Surgery impacts right atrial function in tetralogy of Fallot
Riesenkampf E., Al-Wakeel N., Kropf S., Stamm C., Alexi-Meskishvili V., Berger F., Kuehne T.
- 10:06
PW3-12 Effect of chronic right ventricular volume overload on ventricular interaction in patients after Tetralogy of Fallot repair
Dragulescu A., Grosse-Wortmann L., Redington A., Friedberg M.K., Mertens L.
- 10:12
PW3-13 Longitudinal right ventricular function quantified by speckle tracking predicts exercise capacity in adults with transposition of the great arteries
Ladouceur M., Redheuil A., Delclaux C., Chambon Y., Legendre A., Iserin L., Laux D., Bonnet D., Mousseaux E.
- 10:18
PW3-14 Isolated left ventricular non compaction: Relationships between MRI criterias for non compaction and clinical events
Marest D., Guerin P., Legloan L., Defrance C., Caza M., Fau G., Warin-Fresse K.
- 10:24
PW3-15 Measurement of Flow mediated vasodilatation in Patients with a History of Kawasaki disease
Yahata T., Ikeda K., Yoshioka A., Suzuki C., Okamoto A., Hamaoka K.

**Fr 10:30–11:30
King's Suite**

Coffee Break, Posters and Exhibition

**Fr 11:30–13:00
Monarch Suite**

Young Investigators Award

Chair: Jan Marek (London, UK)

Judges: Mario Carminati (Italy), Otto Krogmann (Germany), Toshio Nakanishi (Japan), Keiko Toyohara (Japan)

- 11:30
YIA-1 Fetal aortic stenosis : which fetuses are candidates for in utero dilatation : a retrospective review over a decade
Malekzadeh-Milani S., Raimondi F., Lebidois J., Fermont L., Essaoui M., Bonnet D., Boudjemline Y.
- 11:45
YIA-2 Pulmonary valve regurgitation and the brain natriuretic peptide level in patients long after repair for Tetralogy of Fallot
Kitagawa A., Oka N., Honda T., Ando H., Nakahata Y, Miyaji K., Ishii M.
- 12:00
YIA-3 One hundred cases of arterial duct stenting in a single centre: a mid term follow up
Giugno L., Santoro G., Gaio G., Palladino M.T., Carrozza M., Iacono C., Capozzi G., Esposito R., Caianiello G., Russo M.G.
- 12:15
YIA-4 Clinical practice method of evaluating pulmonary perfusion in children with pectus excavatum after surgical repair
Shimoyama S., Kobayashi T., Nakajima K., Ishii Y., Seki M., Miyamoto T., Hamajima A., Kobayashi T., Arakawa H.
- 12:30
YIA-5 Prevalence and Morphological Properties of Anatomical Isthmuses involved in Monomorphic Ventricular Tachycardia in Repaired Tetralogy of Fallot
Laranjo S., Kapel G.F., Zeppenfeld K., Blom N.A., Schalij M.J., Jongbloed M.R., Bartelings M.M.
- 12:45
YIA-6 Optimal timing of initial treatment in severe Kawasaki disease: A sub-analysis of the RAISE study
Ikeda K., Saji T., Kobayashi T., Yahata T, Okamoto A., Arakawa H., Kato T., Hara T., Ogawa S., Miura M., Nomura Y., Fuse S., Ichida F., Ayusawa M., Abe J., Morikawa A., Hamaoka K.

**Fr 11:30–13:00
Buckingham Suite**

Working Group Symposium – Dysrhythmias and Electrophysiology: Electrical device therapy in children

Chair: Nico Blom (Amsterdam, The Netherlands), Alpaz Celiker (Istanbul, Turkey)

- 11:30 Device implantation in children
Happonen J.M.
- 11:50 Pacemaker/ICD lead extraction in children
Rosenthal E.
- 12:10 Practical pacemaker programming in children
Janousek J.
- 12:30 Challenging ICD programming: how to avoid inappropriate shocks
Gebauer R.
- 12:50 Discussion

**Fr 11:30–13:00
Blenheim Suite**

Abstract Session 4: INTERVENTION

Chair: Rui Anjos (Lisbon, Portugal), Martin Schneider (Sankt Augustin, Germany)

- 11:30
O4-1 Percutaneous tricuspid valve implantation – Initial two centre experience
Eicken A., Schubert S., Mazzitelli D., Ewert P., Berger F
- 11:40
O4-2 Cardiac catheterization in patients with congenital heart disease on ECMO: Aimless action or helpful tool? – A review of 31 cases
Fakler U., Ackermann K., Balling G., Hörer J., Eicken A., Ewert P.
- 11:50
O4-3 Incidence, Diagnosis and Outcomes of Coronary Artery Compression During Percutaneous Pulmonary Valve Implantation
Fraisse A., Assaidi A., Malekzadeh-Milani S., Patel M., Thambo J.-B., Bonnet D., Iserin L., Kammache I., Boudjemline Y.
- 12:00
O4-4 Transcatheter Fenestration in Fontan Failure: single center experience?
Recla S., Schieke C., Bauer A., Mazahri N., Jux C., Kerst G., Tusczo V., Michel-Behnke I., Akintürk H., Schranz D.
- 12:10
O4-5 One year follow-up of the PREMIER multicenter registry for the Edwards SAPIEN pulmonic transcatheter heart valve
Ewert P., Al Halees Z., Biernacka E.K., Pongiglione G., Haas N., Mullen M., Schubert S., Odemis E., Birk E., Mandinov L., Gewillig M.

- 12:20
O4-6 Predictors and Outcomes of Right ventricular Outflow Tract Conduit Rupture during Percutaneous Pulmonary Valve Implantation: A Multicentric Study
Boudjemline Y., Malekzadeh-Milani S., Patel M., Thambo J.-B., Bonnet D., Iserin L., Fraisse A.
- 12:30
O4-7 Transcatheter Melody Valve Implantation in Native Ventricular Outflow Tracts
Rodriguez A., Ballesteros F., Abelleira C., Gil N., Gamba M., Zunzunegui J.L.
- 12:40
O4-8 Prospective study of patients with percutaneous implantation of Melody valve in pulmonary position : incidence of infective endocarditis and evaluation of risks factor for infective events
Malekzadeh-Milani S., Iserin L., Ladouceur M., Bonnet D., Boudjemline Y.

Fr 11:30–13:00
Hilton Meeting Room A

Abstract Session 8: GENERAL PAEDIATRIC CARDIOLOGY

Chair: Tony Salmon (Southampton, UK), Wim Helbing (Rotterdam, The Netherlands)

- 11:30
O8-1 Comparison of percutaneous dilatation and surgical valvotomy in infants with aortic stenosis: a single center survey
Bertail Galoin C., Laux D., Boudjemline Y., Raisky O., Vouhé P., Bonnet D.
- 11:40
O8-2 When Routine RF [RFA] – or Cryoablation [CRYO] Fails: Application of the Alternative Ablation Mode [either RFA or CRYO] for Successful Ablation Therapy in Pediatric Patients and Patients with Congenital Heart Disease [pts]
Will J.C., Opgen-Rhein B, Haverkämper G, Weiss K., Berger F.
- 11:50
O8-3 Mid- to long term follow-up of coronary artery bypass grafting in children – a single centre experience
Hormann S., Weber R., Kretschmar O., Valsangiacomo E., Knirsch W.
- 12:00
O8-4 MRI catheter stress haemodynamics in hypoplastic left heart syndrome after Fontan completion
Pushparajah K., Wong J., Bellsham-Revell H.R., Hussain T., Valverde I., Tzifa A., Bell A.J., Simpson J.M., Parish V., Kutty S., Greil G., Razavi R.
- 12:10
O8-5 Hybrid Approach for Infants with Pulmonary Atresia, Ventricular Septal Defect, extreme Hypoplasia of Central Pulmonary Arteries and Major Aortopulmonary Collaterals
Marasini M., Bondanza S., Tuo G., Puncuh F., Zannini L.
- 12:20
O8-6 Optimal alignment of the Figulla[®] Flex Occluder (FFO) to the atrial septum before release in patients with atrial septal defects
Haas N.A., Moysich A., Laser K.T., Degener F., Hertwig C., Froehle M., Kececioglu D., Sandica E.
- 12:30
O8-7 Safety of transcatheter closure of atrial septal defect with a fenestrated Amplatzer septal occluder in patients with pulmonary hypertension or heart failure
Wang J.K., Lin M.T., Chen J.A., Wu M.H.
- 12:40
O8-8 The EDWARDS VALEO LIFESTENT[®] for treatment of cardio-vascular lesions in children
Ovaert C., Luciano D., Assaidi A., Kammache I., Kreitmann B., Macé L., Fraisse A.

Fr 11:30–13:00
King's Suite Foyer

Moderated Posters 4

Dysrhythmias/Electrophysiology and Fetal Cardiology and GUCH and outcomes

Chair: Maartin Witsenburg (Rotterdam, The Netherlands), Massimo Chessa (Milan, Italy)

- 11:30
PW4-1 In search of an improved QT correction formula in children
Benatar A., Dewals A., Decraene T., Feenstra A.
- 11:36
PW4-2 Early recognition and treatment of critical arrhythmias in adults after the atrial switch operation for transposition of the great arteries: remote monitoring vs standard follow-up
Nagel B., Janousek J., Koestenberger M., Maier R., Gamillscheg A., Zartner P.
- 11:42
PW4-3 Result of implantatable cardioverter-defibrillator in children with hypertrophic cardiomyopathy: an european experience
Maltret A., Balmer C., Ortega M., Mazic U., Silvetti M.
- 11:48
PW4-4 Catheter ablation of focal atrial tachycardia in pediatric patients: A ten year single centre experience using modern mapping systems
Dieks J.-K., Müller M.J., Schneider H.E., Krause U., Steinmetz M., Paul T., Kriebel T.
- 11:54
PW4-5 JT and other parameters of ventricular repolarization in healthy children
Bieganowska K., Sawicka-Parobczyk M., Bieganowski M.
- 12:00
PW4-6 600 percutaneous catheter ablations in children and adolescents – one center experience
Bieganowska K., Miszczak-Knecht M., Brzezinska-Paszke M., Kaszuba A., Rękawek J., Posadowska M., Kawalec W., Kępski R., Walczak F., Szumowski L.

- 12:06
PW4-7 The impact of an absent ductus arteriosus on clinical outcomes in fetuses diagnosed with Tetralogy of Fallot
Stern S.J., Wadekar N., Mertens L., Manlhiot C., McCrindle B.W., Jaeggi E.T., Nield L.E.
- 12:12
PW4-8 Long term follow-up of fetal cases with tricuspid valve anomalies
Fesslova V., Brankovic J., Boschetto C., Butera G., Piazza L., Chessa M., Arcidiacono C., Negura D., Micheletti A., Saracino A., Carminati M., Pomé G., Giamberti A., Frigiola A.
- 12:18
PW4-9 The Bicuspid Aortic Valve in Turner Syndrome: a Fetal Morphology Study
Jongbloed M.R.M., van Engelen K., Baars M.J.H., Mulder B.J.M., Gittenberger-de Groot A.C., Bartelings M.M.
- 12:24
PW4-10 Fetuses with Tetralogy of Fallot – important information from prenatal diagnosis
Grzyb A., Lipa M., Was M., Dangel J.H.
- 12:30
PW4-11 Maternal Serum Antiarrhythmic Drug Levels Do Not Predict Fetal Supraventricular Tachycardia Response Time
Uzun O., Babaoglu K., Ayhan Y.I., Sinha A., Hardingham K.L., Beattie B.
- 12:36
PW4-12 Determining the best treatment for fetal SVT and Atrial Flutter (AFI): a comparison of two common drug treatment protocols
Sridharan S., Sullivan I., Tomek V., Wolfenden J., Škovránek J., Yates R., Marek J.
- 12:42
PW4-13 Cardiac output measurement during maximal exercise test in patients with tetralogy of fallot (TOF) demonstrates chronotropic incompetence as a major cause of limited exercise capacity
Vandekerckhove K., Coomans I., Bove T., De Groote K., Panzer J., François K., De Wolf D.
- 12:48
PW4-14 Intellectual Function in Prematurely born School-aged Children with Congenital Heart Disease
Nakashia Y., Mori Y., Kaneko S., Takeda S., Watanabe K., Koide M.
- 12:54
PW4-15 Depression in Congenital Heart Disease; a forgotten issue
Kourkouveli P., Boutsikou M., Kantzis M., Bousoula E., Maillis A., Paraskevaidis I., Kremastinos D.T., Rammos S.

**Fr 13:00–14:30
King's Suite**

Lunch

**Fr 13:00–14:00
Hilton Meeting Room A**

Junior Members

**Fr 13:10–14:20
Monarch Suite**

INDUSTRY SESSION: Extended Use of Stents in Congenital Heart Disease

Chair: Shak Qureshi (London, UK), Andreas Eicken (Munich, Germany)

- 13:10 Follow up imaging of aortic stents
Krings G.
- 13:22 Treating aortic arch interruption in adults
Carminati M.
- 13:34 Covered stents in native RVOT prior to transcatheter valve implantation
Ewert P.
- 13:46 Complications of stenting large vessels
Schneider M.
- 13:58 Extending the application of covered stents
Gewillig M.
- 14:10 Questions and Discussion

**Fr 13:10–14:20
Blenheim Suite**

INDUSTRY SYMPOSIUM – St Jude Medical: Versatility of Amplatzer Devices in Congenital Heart Disease

Chair: Neil Wilson (Oxford, UK)

- 13:10 Echo guided duct closure at the bedside – A new approach for small babies
Wilson N.
- 13:30 AMPLATZER Duct Occluders – Which device for which duct?
Derrick, G.
- 13:50 Latest experience with VSD 2 – What does the future hold for Membranous VSD closure?
De Giovanni J.
- 14:10 Discussion

- Fr 13:10–14:20**
Buckingham Suite
- INDUSTRY SYMPOSIUM – Siemens: Low dose diagnostic and interventional imaging**
- Fr 14:30–16:00**
Monarch Suite
- Joint Session AEPC/EACTS: Techniques to augment pulmonary blood flow in CHD**
Chair: Shak Qureshi (London, UK), Juan Comas (Madrid, Spain)
Discussion Panel – Victor Tsang (London, UK), Tjark Ebels (Groningen, The Netherlands), Dietmar Schranz (Giessen, Germany) & Neil Wilson (Oxford, UK)
- 14:30 I can tell you what procedure is needed after birth
Sharland G.
- 14:46 I stent the PDA
Santoro G.
- 15:02 I stent the RVOT
DeGiovanni J.
- 15:18 I do not let the interventionist near the baby
Gaynor W.
- 15:34 I do not have problems with interventionists with their catheter techniques
Jacobs J.
- 15:50 Discussion
- Fr 14:30–16:00**
Buckingham Suite
- Working Group Symposium – Basic Science and Genetics: Vascular function in Fontan**
Chair: Birgit Donner (Duesseldorf, Germany), Beatrijs Bartelds (Groningen, The Netherlands)
- 14:30 Vascular function in congenital heart disease – an update
Tulloh R.
- 14:50 Hepatic venous flow in Fontan patients
Bryant T.
- 15:10 Japanese Experience with PLE
Ohuchi H.
- 15:30 Pulmonary vascular disease in Fontan patients – what makes the difference to PAH in CHD?
Berger R.M.
- 15:50 Discussion
- Fr 14:30–16:00**
Blenheim Suite
- Abstract Session 5: FETAL CARDIOLOGY**
Chair: Mats Mellander (Gothenburg, Sweden), Vlasta Fesslova (Milan, Italy)
- 14:30 Aortic coarctation: a feasible prenatal diagnosis
O5-1 *Deiros-Bronte L., Rubio D., Diez-Sebastian J., Rodriguez R., Labrandero C., Polo L., del Cerro M.J., De la Calle M., Gutierrez-Larraya F.*
- 14:40 Fetal Congenital Heart Disease Associated With Maternal Gestational Diabetes
O5-2 *Hunter L.E., Sharland G.*
- 14:50 Epicardium derived cells drive differentiation of the left and right ventricle in normal and TGFbeta2 mutant mice
O5-3 *Jongbloed M.R.M.*, Scherptong R.W.C.*, Vicente-Steijn R., Wisse L.J., Zhou B., Pu W.T., Azhar M., Poelmann R.E., Schalij M.J., Gittenberger-de Groot A.C. [* Equal contributions]*
- 15:00 Prenatal diagnosis of right aortic arch: A spanish multicenter study
O5-4 *Deiros-Bronte L., Rodriguez R., Centeno F., Ferrer Q., Galindo A., Garcia-de la Calzada D., Perich R.M., Perin F., Rodriguez M.M., Teodoro S., Garcia-Guereta L.*
- 15:10 Brain growth is impaired in fetuses with congenital heart disease- MR volumetric assessment of the fetal brain
O5-5 *Jowett V., Allsop J., Fox M., Kyriakopoulou V., Rutherford M., Gardiner H.*
- 15:20 Patients with prenatally diagnosed coarctation of the aorta may be at increased risk of re-coarctation
O5-6 *Bo I., Ghez O., Atamanyuk I., Gardiner H.M., Carvalho J.S., Banya W., Seale A.N.*
- 15:30 Prognosis of severe congenital heart diseases: do we overestimate the impact of prenatal diagnosis?
O5-7 *Vincenti M., Guillaumont S., Mercier G., Clarivet B., De La Villeon G., Bredy C., Bertrand A., Voisin M., Amedro P.*
- 15:40 Prenatal evolution of heart defects detected during 11-13+6 weeks' scan in a Referral Centre of Perinatal Cardiology
O5-8 *Wlasienko P., Hamela-Olkowska A., Jalinik K., Dangel J.H.*

**Fr 14:30–16:00
Hilton Meeting Room B**

Abstract Session 9: PREVENTION & GENERAL PAEDIATRIC CARDIOLOGY

Chair: Renate Oberhoffer (Munich, Germany), Peter Ewert (Munich, Germany)

- 14:30
O9-1 The Incidence of Unrecognised Life-Threatening Congenital Heart Disease in Newborns Discharged from Hospital in Scotland
Hewitson L.J., Sellers C.K., Walayat M.
- 14:40
O9-2 Heart Catheterization (HC) complications in children with Pulmonary Hypertension (PH) as reported from the global TOPP Registry (Tracking Outcomes and Practice in Pediatric PH)
Humpl T., Beghetti M., Berger R.M.F., Mallory G., Geiger R., Berger J.T., Kronmal D., Schulze-Neick I., Barst R.
- 14:50
O9-3 Subtype mitral stenosis/aortic stenosis is a risk factor for cerebral thromboembolic events in patients with hypoplastic left heart syndrome (HLHS)
Schlangen J., Hansen J.H., Kramer H.-H., Fischer G.
- 15:00
O9-4 Early remedial services use in children with transposition of the great arteries: prevalence and associated factors
Calderon J., Bonnet D., Pinabiaux C., Jambaque I., Angeard N.
- 15:10
O9-5 Long-term survival and reinterventions after surgical correction of truncus arteriosus: a population based study
Gudnason J.F., Bergenfeldt H., Wåhlander H., Hanséus K., Berggren H., Johansson S., Sunnegårdh J.
- 15:20
O9-6 Effect of left ventricular outflow tract obstruction on long-term survival with childhood hypertrophic cardiomyopathy: impact of modern management
Östman-Smith I., Fernlund E., Larsson P., Rydberg A., Sjöberg G.
- 15:30
O9-7 Multidisciplinary approach to multivessel lesions in Takayasu's arteritis: the Gaslini Institute experience
Serafino M., Ribera E., Tuo G., Trocchio G., Pederzoli S., Rizzo F., Buoncompagni A., Santoro F., Martini A.
- 15:40
O9-8 Heart-lung Interaction in Infants with Heart Insufficiency after Cardiac Surgery
Grollmuss O., Boet A., Fattal S., Hervé Ph., Belli E.

**Fr 16:00–16:30
King's Suite**

Coffee Break, Posters and Exhibition

**Fr 16:30–18:00
Hilton Meeting Room A**

Anatomy Exhibition

Chair: Lucile Houyel (Paris, France), Ornella Milanese (Padua, Italy)

**Fr 16:30–18:00
Monarch Suite**

Working Group Symposium – GUCH and Intervention: Aortic Coarctation in adulthood: medical and non-medical treatments

Chair: Gianfranco Butera (Milan, Italy), Andras Szatmari (Budapest, Hungary)

- 16:30 Perfect repair and persistent systemic arterial hypertension:
Anjos R.
- 16:45 How to test systemic arterial pressure: effort testing-drug testing – other approaches
Giardini A.
- 17:00 Imaging the aortic arch: do we routinely need imaging in these patients and how?
Taylor A.
- 17:15 Residual problems on the aortic arch – Percutaneous approach
Eicken A.
- 17:30 Residual problems on the aortic arch – Surgical therapies
Jacobs M.
- 17:45 Discussion

**Fr 16:30–18:00
Buckingham Suite**

Working Group Symposium – PICU: Learning from the experts

Chair: Cécile Tissot (Geneva, Switzerland), Nikolaus Haas (Bad Oeynhausen, Germany)
What cardiologists need to know about..

- 16:30 Pain and sedation
Trieschmann U.
- 16:50 Ventilation strategies for the right and the left heart
Sanchez de Toledo J.
- 17:10 Novel anticoagulants and the future of anticoagulation: are vitamin K antagonists out?
Male C.
- 17:30 Nutrition of the critically ill paediatric patient
Tissot C.
- 17:50 Discussion

Fr 16:30–18:00
Hilton Meeting Room B

Working Group Symposium – Fetal Cardiology: Puzzle the experts

Chair: Sally-Ann Clur (Amsterdam, The Netherlands), Ulrike Herberg (Bonn, Germany)
Panel of Experts – Ulrike Herberg (Bonn, Germany) & John Simpson (Leeds, UK)

- 16:30 Case study 1
Jicinska H.
- 16:45 Case study 2
Abid D.
- 17:00 Case study 3
Marantz P.M.
- 17:15 Case study 4
Bartrons J.
- 17:30 Case study 5
Clur S.A.
- 17:45 Discussion

Fr 16:30–18:00
Blenheim Suite

Abstract Session 6: IMAGING

Chair: Aphrodite Tzifa (Athens, Greece), Gregor Krings (Utrecht, The Netherlands)

- 16:30
O6-1 Liver stiffness : a new, rapid and non-invasive method of central venous pressure evaluation in patients with congenital heart disease
Jalal Z., Iriart X., Vergnot J., Foucher J., Ghillon E., De Ledinghen V., Thambo J.-B.
- 16:40
O6-2 The impact of age on right ventricular morphology and function late after repair of Tetralogy of Fallot: a cardiac magnetic resonance study
Leonardi B., Secinaro A., Valsangiacomo Buechel E.R., Chinali M., Silvestri V., Franceschini A., Albanese S.B., Carotti A., Tomà P., Pongiglione G.
- 16:50
O6-3 Right Ventricular Systolic Function in Hypoplastic Left Heart Syndrome: A comparison of Velocity-Vector-Imaging and Magnetic Resonance Imaging
Markkanen H., Bellsham-Revell H., Bell A., Pihkala J., Ojala T., Simpson S.
- 17:00
O6-4 Carotid Study: Cardiovascular risk and ventricular function evaluation in HIV-infected children and young adults
Alvarez Fuente M., Sainz Costa T., Rodriguez Lopez A., Diaz L., Medrano C., Navarro M.L., Ramos J.T., Rojo P., Gonzalez-Tome M.I., Serrano S., Mellado M.J., de Jose M.I., Maroto E., Muñoz-Fernandez M.A.
- 17:10
O6-5 Diagnostic and interventional MRI catheterisation: A 10-year single centre experience
Tzifa A., Pushparajah K., Bell A.J., Valverde I., Wong J., Charisopoulou D., Greil G., Beerbaum P., Bellsham-Revell H.R., Hussain T., Rosenthal E., Krasemann T., Miller O., Qureshi S.A., Razavi R.
- 17:20
O6-6 Isovolumic Acceleration at Rest and During Exercise in Children after Heart Transplant
Cifra B., Brun H., McCrindle B., Manhliot C., Dipchand A, Mertens L.
- 17:30
O6-7 NEO-AORTA AND AORTIC ARCH AFTER ARTERIAL SWITCH OPERATION FOR TRANSPOSITION OF GREAT VESSELS: A MORPHOMETRIC AND GEOMETRIC STUDY
Ntsinjana H., Capelli C., Biglino G., Taylor A.M., Schievano S.
- 17:40
O6-8 Visualisation of flowpatterns in the Fontan Circulation by 4-dimensional respiratory- and ECG-triggered phase contrast magnetic resonance imaging
Hart C., Gabbert D., Voges I., Jerosch-Herold M., Wegner P., Hansen T., Kramer H.-H., Rickers C.

Fr 20:00–20:30
King's Suite

Gala dinner (pre dinner drinks reception)

Fr 20:30–00:30
Monarch Suite

Gala dinner

SATURDAY 25. MAY 2013

Sa 09:00–10:30
Monarch Suite

Plenary Session: Heart Failure

Chair: Mike Burch (London, UK), Jan Janousek (Prague, Czech Republic)

- 09:00 Assessment of cardiac function
di Filippo S.
- 09:16 Medical treatment for heart failure in children
Burch M.
- 09:32 Mechanical support
Miera O.

09:48 Cardiac resynchronisation therapy
Janousek J.

10:04 Cardiac transplantation
Hasan A.

10:20 Discussion

**Sa 09:00–10:30
Hilton Meeting Room B**

Working Group Symposium – Surgery: Are the views different?

Chair: John Hess (Munich, Germany), John Mayer (Boston, USA)

Discussion Panel – Francois Godart (Lille, France), Marshall Jacobs (Philadelphia, USA)

09:00 What is the role of the cardiologist in a patient on ECMO for heart failure
Stiller B.

09:10 What is the role of the surgeon in a patient on ECMO for heart failure
Speaker to be confirmed

09:20 Discussion

09:30 Basic research from Cardiologist's view
Nakanishi, T.

09:40 Basic research from Surgeon's view
Mayer J.

09:50 Discussion

10:00 Should a surgical trainee rotate in a cardiology department: Why, when, how long?
Hess J.

10:10 Should a cardiology trainee rotate in a surgical department: Why, when, how long?
Ebels T.

10:20 Discussion

**Sa 09:00–10:30
Hilton Meeting Room A**

Abstract Session 10: GUCH

Chair: Joerg Stein (Innsbruck, Austria), Ornella Milanese (Padua, Italy)

09:00 Reduced exercise capacity in patients operated for ventricular septal defect
Heiberg J., Laustsen S., Petersen M.K., Hjortdal V.E.

O10-1 The Current and Future Profile of the Adult Single Ventricle Patient Group
Coats L., O'Connor S., Wren C., O'Sullivan J.J.

O10-2 Hypoplastic Left Heart Syndrome: an audit of clinical outcomes in patients surviving beyond the age of 10 years

O10-3 *Davidson J.R., Witter T., Fairhurst C., Gringas P., Simpson J.*

09:30 Long-term survival and functional status of adult patient with Eisenmenger Syndrome
Joly H., Soufi A., Bozio A., Sassolas F., Henaine R., Metton O., Ninet J., Di Filippo S.

O10-4 Frequency of Miscarriage, Stillbirth and Pregnancy Termination in Women with Congenital Heart Defects in Germany, Hungary and Japan

O10-5 *Körten M., Szatmári A., Nagdyman N., Niggemeyer E., Niwa K., Peters B., Pickardt T., Schneider K.T.M., Kaemmerer H., Bauer U.M.M.*

09:50 Characteristics and Survival of Adult Patients with Pulmonary Arterial Disease Associated with Congenital Heart Disease: COMPERA-CHD Registry

O10-6 *Ewert P., Kaemmerer H., Pittrow D., Ghofrani H.A., Huscher D., Delcroix M., Föhling M., Vizza C.D., Gorenflo M., Grünig E., Stähler G., Filusch A., Kähler C., D'Alto M., Scelsi L., Speich R., Vonk Noordegraaf A., Rosenkranz S., Skowasch D., Klose H., Baumgartner H., Neurohr C., Tiede H., Held M., Lange T.J., Ewert R., Germann M., Halank M., Opitz C., Hofbeck M., Claussen M., Gibbs J.S.R., Hoepfer M.M.*

10:00 Aortic flow abnormalities contribute to the aortopathy in bicuspid aortic valve disease
Bissell M.M., Hess A.T., Biasioli L., Glaze S.J., Loudon M., Pitcher A., Davis A., Markl M., Barker A.J., Neubauer S., Myerson S.G.

O10-7 Causes of late death after paediatric cardiac surgery in patients with univentricular heart defects

O10-8 *Polte C., Berggren H., Sunnegårdh J.*

**Sa 10:30–11:00
King's Suite**

Coffee Break, Posters and Exhibition

**Sa 11:00–12:30
Monarch Suite**

Intervention Complications Session

Chair: Gianfranco Butera (Milan, Italy), Andreas Eicken (Munich, Germany)

Cases to be finalised by Intervention Working Group

**Sa 11:00–12:30
Hilton Meeting Room A****Joint Working Group Symposium – Prevention and Dysrhythmias: Sports and the Heart***Chair:* Eero Jokinen (Helsinki, Finland), Nico Blom (Amsterdam, The Netherlands)

- 11:00 Normal exercise reaction in children
Helbing W.
- 11:20 SCD and sports
Blom N.
- 11:40 Pre-participation screening for young athletes
Papadakis M.
- 12:00 Impact of sports on cardiovascular health in heart patients
Oberhoffer R.
- 12:20 Discussion

**Sa 11:00–12:30
Hilton Meeting Room B****Abstract Session 11: SURGERY***Chair:* Olivier Ghez (London, UK), Juan Comas (Madrid, Spain)

- 11:00
O11-1 Analysis of the aortic root in Tetralogy of Fallot patients undergoing early repair: form follows function
François K., Forsyth R., Creytens D., De Groot K., Panzer J., Vandekerckhove K., De Wilde H., De Wolf D., Bove T.
- 11:10
O11-2 Hemodynamic effects of temporary right ventricular resynchronisation in children after surgery for tetralogy of Fallot
Vojtović P., Kučera F., Selko M., Hostaša J., Krupičková S., Matejka T., Gebauer R., Tláskal T., Tomek V., Janoušek J.
- 11:20
O11-3 Therapy of low cardiac output syndrome after cardiac surgery in infants and children: a double blind randomized study comparing Dobutamine and Milrinone
Cavigelli-Brunner A., Hug M.I., Dave H., Cannizzaro V., Baenziger O., Buerki C., Balmer C.
- 11:30
O11-4 Evaluation of potential risk factors for prolonged periods of decreased cerebral tissue oxygen saturation after the Norwood procedure for Hypoplastic left heart syndrome
Hansen J.H., Schlangen J., Jung O., Scheewe J., Kramer H.-H.
- 11:40
O11-5 Reintervention Rate and Aortic Valve replacement in Critical Aortic Stenosis: Comparison of Patients who Underwent Primary Surgical or Balloon Valvuloplasty
Carr M., Iriart X., Ciliberti P., Sullivan I., Derrick G., Kostolny M., Tsang V., Bull C., Marek J.
- 11:50
O11-6 Analysis of pre-operative condition and interstage mortality in Norwood and Hybrid procedures for Hypoplastic Left Heart Syndrome using the Aristotle scoring system
Lloyd D.F.A., Cutler L., Tibby S., Vimalaswaran S., Qureshi S.A., Rosenthal E., Anderson D., Austin C., Krasemann T.
- 12:00
O11-7 Strategies for biventricular outflow tract reconstruction in complex forms of transposition (TGA) of the great arteries (TGA) with ventricular septal defect (VSD) and left ventricular outflow tract obstruction (LVOTO) – midterm results
Kramer P., Ovroutski S., Hübler M., Alexi-Meskishvili V., Hetzer R., Photiadis J., Berger F.
- 12:10
O11-8 Pulmonary artery growth and interventions after bilateral branch pulmonary arterial banding
Radtke W.A.K., Davies R., Klenk D., Pizarro C.

**Sa 12:30–13:30
Monarch Suite****Keynote Lecture: Past, present and future paediatric cardiology – Shakeel Qureshi (London, UK) & Michael Tynan (London, UK)***Chair:* Gurleen Sharland (London, UK)**WEDNESDAY, MAY 22 TO SATURDAY, MAY 25, 2013****King's Suite****Posters****Arrhythmia/electrophysiology**

- P-1 Flecainide failure and proarrhythmia in pediatric supraventricular tachycardia: effectiveness and safety of different treatments
Corzani A., Bronzetti G., D'Angelo C., Mariucci E., Bonvicini M.
- P-2 Syncope in pediatric age: psychopathological profile in children with neurocardiogenic syncope
Placidi S., Grimaldi Capitello T., Righi D., Palmieri R., Di Mambro C., Santucci L.M., Gimigliano F., Vallone R., Gentile S., Di Ciommo V.M., Drago F.

- P-3 Successful Catheter Ablation of a Concealed Superior-paraseptal Accessory Pathway along the Tricuspid Valve in a Fontan patient with extra-cardiac Conduit after Creation of a Trans-Catheter Communication
Kerst G., Schranz D., Buttgereit K., Tuzcu
- P-4 Course of the Defibrillation Threshold After ICD-Implantation Using the Extracardiac Technique: Midterm Follow-up
Kriebel T., Ruschewski W., Müller M., Krause U., Sigler M., Schneider H., Paul T.
- P-5 Preparticipation Screening in Europe in Competitive Athletes
Fritsch P., Filinkoessl A., Koestenberger M., Heinzl B., Rehak T., Nagel B., Gamillscheg A.
- P-6 Junctional Ectopic Tachycardia after Pediatric Cardiac Surgery: Single-Center Experience from Turkey
Kiplapinar N., Odemis E., Ergul Y., Ozyilmaz I., Tanidir I.C., Ozturk E., Tosun O, Bakir I.
- P-7 Left Posterior Fascicular Ventricular Tachycardia Unresponsive To Verapamil
Usta Altunyuva S., Cevik Saylan B., Cetiner N, Akalin F, Celiker A
- P-8 A family with Myotonic Dystrophy (DM1) associated with Sudden Death, Long QT and a Brugada-like ECG pattern in different affected relatives
Ashcroft K., Brown E., Willcoxson F., Slack J., Cowan C., Thomson J.
- P-9 Implantable Cardioverter-Defibrillator therapy in children: a single-centre 10 year experience
Saffe S., Huxstep K., Mead-Regan S., Tome-Esteban M.T., Lowe M.D., Kaski J.P.
- P-10 ECG monitoring of treatment response in the rat pulmonary arterial hypertension model
Citirik D., Hallioglu O, Buyukakilli B., Gurgul S., Tasdelen B.
- P-11 Left atrial inexcitability in pediatric patients with congenital lupus induced complete atrioventricular block
Abadir S., Vobecky S.J., Rohlicek C., Fournier A.
- P-12 10 Years Experience of Interventional Treatment of Tachyarrhythmias in Newborns and Infants
Trunina I.I., Revishvili A.Sh., Tumanyan M.R., Rzaev F.G.
- P-13 Corrected QT interval in children with congenital deafness from high consanguinity population
Asleh N., Baransy S.
- P-14 Resynchronisation pacing in patients with a congenital heart disease
Zartner P., Toussaint-Goetz N., Kallenberg R., Christians C., Schneider M.
- P-15 Percutaneous RF ablation procedures in children with Ebstein's anomaly
Bieganowska K., Miszczak-Knecht M., Brzezinska-Paszke M., Kaszuba A., Rękawek J., Posadowska M., Kępski R., Szumowski Ł.
- P-16 The effect of Metoprolol treatment for ventricular arrhythmias in Andersen-Tawil Syndrom
Miszczak-Knecht M., Bieganowska K., Rękawek J., Brzezinska-Paszke M., Posadowska M., Pregowska K.

Basic science

- P-17 Accurate, highly time resolved flow rate and volume quantification with multiview 3D Colour Doppler echo
Gomez A., Pushparajah K., Simpson J.M., Schaeffter T., Penney G.P.
- P-18 To fenestrate or not: a computational model as decision support for Fontan palliation
Koeken Y., Lumens J., Arts T., Delhaas T.
- P-19 Changes of potassium channel gene expressions after human umbilical cord blood derived mesenchymal stem cells transfusion in pulmonary hypertension rat models
Hong Y.M., Lee H.R., Kim K.C., Yang Y.S., Oh W.I., Choi S.J.
- P-20 The increased serum levels of Interleukin-21 in Kawasaki disease
Lee H.-Y.

End-stage heart and lung disease

- P-21 Safety and early outcomes using a different induction therapy protocol in low and high-risk recipients in paediatric hearts transplantation
Albert D.C., Gran F., Paris N., Betrian P., Sanchez de Toledo J., Miro L., Fernandez-Doblas J., Blasco A., Abella R.
- P-22 Effect of bosentan therapy on ventricular and atrial function in adults with congenital heart disease and Eisenmenger syndrome. A prospective, multi-center study using conventional and Speckle tracking echocardiography
Abd El Rahman M., Rentzsch A., Scherber P., Mebus S., Miera O., Balling G., Böttler P., Dubowy K.O., Farahwaschy B., Hager A., Kreuder J., Peters B., Berger F., Schulze-Neick I., Abdul-Khaliq H.

- P-23 Infections in Children with Left Ventricular Assist Device (LVAD): The Experience of Ege University Hospital
Sen S., Sahbudak Z., Vardar F., Ulger Z., Engin C., Ozbaran M.
- P-24 Cardiomyopathy in a pediatric population: Key results from 10 years
Marcos-Alonso S., Vázquez-García L., Fernández Santamarina I., López Abel B., Martínez Soto S., Rey García S., Fontenla García J., Hurtado Díaz J., Herrero Hermida J., Luaces González J., Fuentes Carballal J., Rueda Núñez F.
- P-25 Genetic Origin Cardiomyopathies in a Pediatric Cohort
Vázquez-Álvarez M.C., Medrano-López C., Blanco-Soto P., Gil-Villanueva N., Rodríguez-Caro R., Centeno-Jiménez M., Camino-López M., Monserrat-Iglesias L., Orera-Clemente M., Maroto-Álvaro E. [The MyEstela Study Group]
- P-26 Arterial stiffness determination by oscillometric method in children treated with anthracyclines for malignant disease
Herceg-Cavrak V., Ahel V., Roganovic J.
- P-27 Endocardial fibroelastosis in the current era: associated congenital heart disease and outcome
Weber R., Oxenius A., Valsangiacomo Buechel E.R., Kretschmar O., Greutmann M., Seifert B., Attenhofer Jost C.H.

Fetal cardiology

- P-28 Assessment of Fetal Cardiac Function in Fetuses of Pre-eclamptic Mothers
Ballı S., Kibar A.E., Ece İ., Ofaz M.B., Yilmaz O.
- P-29 Agenesis of ductus venosus: what's the real clinical relevance?
Ferrer Q., Gonzalez F., Gran F., Albert DC., Arevalo S., Prats P., Comas C., Casaldaliga J., Carreras E.,
- P-30 Antenatal diagnostic spectrum and early postnatal outcome of conjoined twins
Mota C.C., Capuruco C.A.B., Brum A.P., Valadares L.C., Lana A.M.A.
- P-31 Atrioventricular block (AVB): antenatal diagnosis and late postnatal follow-up
Mota C.C., Valadares L.C., Brum A.P., Capuruco C.A.B.
- P-32 Prediction of neonatal surgery or catheter based therapy in fetuses with congenital heart defects: Fetal Echocardiographic Score
Grinenco S., Marantz P., Pestchanker F., Izbizky G.
- P-33 Prenatal diagnosis of coarctation of the aorta
Marantz P., Grinenco S., Saenz Tejeira M., García Guevara C., Nicoloso L.H., Zielinsky P.
- P-34 Vascular Rings: prenatal diagnosis and implication on postnatal treatment
Tuo G., Sacco O., Ribera E., Marasini M.
- P-35 Impact of antenatal diagnosis on outcomes of neonates with Hypoplastic Left Heart Syndrome
Veyrier M., Joly H., Pangaud N., Bozio A., Sassolas F., Henaine R., Metton O., Ninet J., Di Filippo S.
- P-36 Prenatal cardiac tumors: spectrum and outcome
Tomek V., Škovránek J., Gili'k J., Krupičková S., Petrák B., Janoušek J.
- P-37 Electrophysiologic features of fetal ventricular aneurysms and diverticula
Peters C., Wacker-Gussmann A., Strasburger J.F., Cuneo B., Gotteiner N., Wakai R.T.
- P-38 Interrupted inferior vena cava in fetuses with omphalocele. Case series and review of the literature
Mlczoch E., Carvalho J.S.
- P-39 Impact of team preparation and procedure technique on outcome of the foetal balloon aortic valvuloplasty
Koles'nik A., Dębska M., Dębski R., Szymkiewicz-Dangel J.
- P-40 Antenatal and postnatal right isomerism of the atrial appendages in a 20-year single institution experience
Weber R., Balmer C., Attenhofer Jost C.H., Oxenius A., Cavigelli A., Valsangiacomo Buechel E.R.

General paediatric cardiology

- P-41 Different hemodynamic patterns in head-up tilt test in 400 pediatric cases with unexplained syncope
Yozgat Y., Doksoz O., Ozdemir R., Karaarslan U., Oner T., Guven B., Karadeniz C., Mese T.
- P-42 Short-Term Efficacy of Oral Rehydration Salts and Propranolol Treatment in Pediatric Patients Showing Orthostatic Intolerance Symptoms During Head Up Tilt Test
Yozgat Y., Karaarslan U., Doksoz O., Ozdemir R., Guven B., Karadeniz C., Mese T.

- P-43 Evaluation of Myocardial Functions in Children Receiving Anthracyclines
Yozgat Y., Okutan V., Atay A.A., Kurekci A.E., Lenk M.K., Karaarslan U., Ozcan O.
- P-44 The Aortic Valve Index as a predictor of a reoperation after Interrupted Aortic Arch (IAA) and Ventricular Septal Defect (VSD) one-stage surgery
Okrasa K., Sysa-Dedecjus A., Dryzek P., Ostrowska K., Moll J.
- P-45 Rhizomelic chondrodysplasia punctata and cardiac pathology
Huffnagel I.C., Clur S.A.B., Bams-Mengerink A.M., Blom N.A., Wanders R.J.A., Waterham H.R., Poll-The B.T.
- P-46 Evaluation of 316 Children with Acute Rheumatic Fever; A Single Center Study From Turkey
Ekici F., Şenkon O.G., Çetin İ.İ., Kocabaş A., Eminoğlu S., Arı M.E., Arhan E.P.
- P-47 High Anxiety and Depression Scores in School-aged Children Defining Syncope Together with Cardiac Symptoms
Soydan E., Çetin İ.İ., Öztürk Ö., Ekici F., Kocabaş A., Eminoğlu S., Arı M.E., Şaylı T.R.
- P-48 Cardiovascular Dysfunction and Pulmonary Edema in Children with Scorpion Envenomation: A Report of 5 Patients
Sahin M., Sahin A.S.
- P-49 Assessment of cardiac functions in patient with Trisomy 21
Ballı S., Oflaz M.B., Ece I., Kibar A.E., Dalkiran E.S.
- P-50 Assessment of Arterial Stiffness Influence on Aortic Root Dilation in Children with Repaired Tetralogy of Fallot
Bostan O.M., Melek H., Semizel E., Uysal F., Cil E.
- P-51 Five years of cardiologic follow-up of children with acute Chagas disease infected by the oral route in Venezuela
Bolivar M., Elías M., Marques J., Mendoza I., Machado I., Ruiz-Guevara R., Díaz-Bello Z., Espinosa R., Noya O., Alarcón de Noya B.
- P-52 Prognostic Factors In Pulmonary Atresia With Ventricular Septal Defect
Araújo A.R., Fortunato F., Francisco A., Mendes I., Martins D., Santos M., Abecasis M., Neves J., Martins F.M., Anjos R.
- P-53 The importance of cardiac biomarkers and echocardiography in the evaluation of heart failure children younger than 3 years
Butnariu A., Iacob D., Samasca G., Leucuta D.
- P-54 Early echocardiographic improvements and ROC analysis to detect cut-off levels of laboratory and echocardiographic values in patients with rheumatic carditis
Yilmazer M.M., Aydınalp A., Demir F., Bilici M., Güneş A.
- P-55 Spontaneous closure of a symptomatic coronary artery fistula just within a few days of newborn period
Yilmazer M.M., Demir F., Yolbas İ., Bilici M.
- P-56 Congenitally Corrected Transposition of the Great Arteries: Single Center Experience
Gokalp S., Eroglu A.G., Oztunc F., Saltik L., Koca B.
- P-57 Kawasaki disease in Germany: A nationwide survey of 202 children
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