Preview of the 2013 6th World Congress - Paediatric Cardiology & Cardiac Surgery - February 17\textsuperscript{th}-22\textsuperscript{nd} in Cape Town, South Africa

By Christopher Hugo-Hamman, MD; Susan Vosloo, MD

The 6th World Congress of Paediatric Cardiology and Cardiac Surgery will be held in Cape Town, South Africa, from 17\textsuperscript{th} – 22\textsuperscript{nd} February 2013. Cape Town is a sublime and compelling African destination with irresistible appeal. The South African Heart Association is the host and the Paediatric Cardiac Society of South Africa the organizer of the Congress. We look forward to welcoming readers of Congenital Cardiology Today to our city, to our country and to the African continent.

The 6th World Congress will build on the scientific foundations established through the five previous Congresses from Paris in 1993, through Honolulu, Toronto and Buenos Aires to Cairns in 2009. Cape Town provides the meeting place for the global coalition of doctors, nurses and health scientists who use research and technological development to provide better care for babies, children and adults with congenital and acquired heart disease. This is the major international scientific event for our global community and an opportunity to highlight and review four years of research and technological developments in basic sciences, clinical research and therapeutic interventions. The fine international faculty (now over 300) promises an exceptional scientific programme across the different disciplines from interventions, imaging, procedures and surgery to critical care. In support of heart science, over 1400 abstracts have been accepted either for oral presentation or, as E-posters in the digital “abstract café.”

The World Congress will reinforce the notion that children with heart disease everywhere ought not to be denied the benefits of medical science and our vision is to use this Congress as a platform to spread cardiac care to those children without access. It is an occasion to emphasize the glaring inadequacies in delivery of cardiac care in many countries and to use this global forum to find creative humanitarian solutions to develop new services in resource poor environments.
A perfect melody of compassionate hearts, innovative minds and skilled hands.

Transcatheter and Surgical Heart Valves
Ablation Technologies
RVOT Conduits
ICDs
Cannulae
Pacemakers
Oxygenators & Filters

See you at WCPCCS in Cape Town, South Africa
Of course the limitations to developing cardiac care in the presence of financial, managerial and human resource constraints are problems shared with colleagues from the better resourced countries. Science alone will not meet these challenges and our setting offers public policy developers, health system managers, health economists and planners a unique forum to engage with the health systems solutions necessary to initiate, develop and improve cardiac care for children and adults.

There are six “tracks” to follow at the Congress:

- Interventional cardiology (with live case transmission)
- Health systems and heart disease
- Cardiac surgery, anesthesia and intensive care
- Adult congenital heart disease and preventing adult onset disease
- Cardiology and the imaging revolution
- Nursing science

Parallel sessions mean you can switch across tracks as you please. All the scientific sessions are open to any delegate; in other words, delegates are not hostage to any of the five tracks on any day or at any time.

Numerous international societies and institutions have shared the vision that the quadrennial World Congress of Paediatric Cardiology and Cardiac Surgery is the defining international event in the lives of those of us committed to helping children with heart disease. Several have gone as far as to cancel their own meetings in 2013 in favour of the World Congress and in that regard we acknowledge the Children’s Hospital of Philadelphia (CHOP), the All Children’s Hospital, St Petersburg and the World Society for Paediatric and Congenital Heart Surgery (WSPCHS).

With Table Mountain as a backdrop, the “mother city” is instantly recognisable as a major international tourist destination. The competing “top six” tourist attractions of Robben Island, the Table Mountain National Park, the Waterfront, Kirstenbosch Botanical Gardens, the beaches and the winelands offer visitors to Cape Town a formidable choice of historical, cultural, botanical and fun destinations whilst you are here. Of course the game reserves with the vast array of African wildlife are not far off and provide delegates with the perfect reason to extend their visit.

We hope to see you in Cape Town in February!

On Behalf of the Congress Committee

Chairman
Christopher Hugo-Hamman, MD
Christiaan Barnard Memorial Hospital
87 Loop Street
Cape Town 7806
South Africa

Chairman
Susan Vosloo, MD
Christiaan Barnard Memorial Hospital
87 Loop Street
Cape Town 7806
South Africa

The Paediatric Cardiac Society of South Africa
WORLD CONGRESS 2013 SPONSORS*

*These sponsors have given in excess of R1 million.

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- Africa X-Ray Industrial & Medical, South Africa - 122
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- Allied Health Group, Australia Exhibition - 118
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- Association for European Paediatric Cardiology (AEPC) - (registration area)
- AstraZeneca, South Africa - 98 & 99
- Baroque Medical, South Africa - 159
- Bayer, South Africa Exhibition - 120
- Berlin Heart, Germany - 83 & 84
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- Boehringer Ingelheim, South Africa - 150 - 153
- Boston Scientific, South Africa Exhibition - 162 - 164
- Cardiovascular Journal of Africa - TBC
- Children's Hospital of Philadelphia - 105 & 109
- Cipla Medpro, South Africa - 68
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- Covidiem, South Africa - 87 & 88
- Disa Vascular, South Africa - 14 - 16
- Edwards Life Sciences - 60 - 62
- Evolabs (Division of Union Swiss) - 132
- Fysiologic, The Netherlands - 133
- GE Healthcare, South Africa - 94 - 96
- Gore Inc., USA - 78
- Litha Pharma, South Africa - 86 & 93
- Maquet Cardiopulmonary, Germany - 119
- Medi-Clinic, Southern Africa - 126 & 127
- Medtronic, Inc. - 114 - 117
- Merck South Africa - 154
- MSD, South Africa - 130
- Netcare, South Africa - 124 & 125
- Novartis, South Africa - 134 - 137
- Occlutech - 103
- Paragmed, South Africa - 53 & 54
- Pharma Dynamics, South Africa - 14 - 16
- Pharmaco Distribution, South Africa - 100
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- Sanofi South Africa Exhibition - 111 & 112
- Scientific Software Solutions, USA - 156 & 157
- Servier Laboratories, South Africa - 149
- Siemens Healthcare - 91 & 92
- Sorin Group, Italy - 80 & 81
- South African Heart Assoc. - 128 & 129
- Starway Medical Technology, China - 82
- Surgitech, South Africa - 131
- TDI Medical, South Africa - 123
- Teleflex Medical, South Africa - 147
- Vascular Innovations, Thailand - 75
- Vascutek, UK - 89 & 90
- Ventripoint, USA - 145
- Volcano Therapeutics, South Africa - 69
- Winthrop Pharmaceuticals, South Africa Exhibition - 110 & 113
- World Congress 2017 - (registration area)
- World Society for Pediatric and Congenital Heart Surgery (WSPCHS) - TBC

WORLD CONGRESS 2013 EXHIBITORS & BOOTH NUMBERS

- AstraZeneca, South Africa - 98 & 99
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SPONSORS - BREAKFAST & DINNER SYMPOSIA

MONDAY - Breakfast
- AstraZeneca, South Africa
- Philips Medical Systems, South Africa
- St Jude Medical

MONDAY - Dinner
- Boston Children's Hospital, USA
- Children's Hospital of Philadelphia, USA
- Medtronic Foundation, USA

TUESDAY - Breakfast
- Children's Hospital of Philadelphia, (CHOP) USA
- Children's Hospital of Wisconsin, USA
- Hospital for Sick Children, Canada
- Medtronic, Inc.
- Texas Children's Hospital, USA
- Association for European Paediatric & Congenital Cardiology
- Pediatric Cardiac Intensive Care Society (PCICS), UK

TUESDAY - Dinner
- Association for European Paediatric & Congenital Cardiology
- Pediatric Cardiac Intensive Care Society (PCICS), UK

WEDNESDAY - Breakfast
- Mayo Clinic, USA
- Medtronic, Inc.
- SASCAR, South Africa
- Sanofi, (Genzyme), South Africa

WEDNESDAY - Lunch
- Japanese Society for Paediatric Cardiology & Cardiac Surgery, Japan
- Pan Arab Congenital Heart Disease Association, Kingdom of Saudi Arabia
- Philips Medical Systems
- SASCI (South African Society of Cardiovascular Intervention), South Africa
- Stollery Children's Hospital, Canada

THURSDAY - Breakfast
- All Children's Hospital, USA
- Bayer, South Africa
- Association for European Paediatric & Congenital Cardiology (AEPC)

THURSDAY - Dinner
- All Children's Hospital, USA
- Bayer, South Africa
- SASCI (South African Society of Cardiovascular Intervention), South Africa

FRIDAY - Breakfast
Expert community of surgeons, cardiologists, anaesthetists, intensivists and other professional colleagues, enabled through state of the art technologies and facilities.

Helping care for the health of Humankind
The fine international faculty (now over 300) promises an exceptional scientific programme across the different disciplines from interventions, imaging, procedures and surgery to critical care.
CONGRESS COMMITTEE

The Organizing Committee is led by Senior Executives of the Paediatric Cardiac Society of South Africa (PCSSA) and South African Heart Association

- Christopher Hugo-Hamman, MD - Chairman of the Organizing Committee for 2013
- Susan Vosloo, MD - Chairman of the Organizing Committee for 2013
- Lynda Bleazard
- Andre Brooks, MD
- Stephen Brown, MD
- Jeffrey Harrisberg, MD
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- Ebrahim Hoosen, MD
- John Laerenson, MD
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- Bongani Mayosi
- Shakeel Qureshi
- Horst Sievert
- Karen Sliwe-Hahnle
- Gil Wernovsky
- Neil Wilson
- Liesl Zühlke
- Susan Vosloo

HOW TO REGISTER

Register Online for the 6th WCPCCS 2013
https://ei.eventdynamics.co.za/ei/pccs.htm

Please review the registration categories and fees, and register for the 6th World Congress of Paediatric Cardiology and Cardiac Surgery.

Congress Secretariat
Telephone: +27 (0) 21 408 9796; Fax: +27 (0) 21 408 9954

Registration Fees are in South African Rand (ZAR) and include Value Added Tax (VAT) of 14%

For Currency Converter go to - www.xe.com

CONTACT DETAILS

Contact the Congress Secretariat if you need further information

Event Dynamics
Telephone: +27 (0) 21 408 9796
Fax: +27 (0) 21 408 9954  E-mail: info@pccs2013.co.za
Website: www.pccs2013.co.za
Address: P.O. Box 6761
Roggebaai  8012  South Africa

Official Twitter feed of the 6th World Congress of Paediatric Cardiology & Cardiac Surgery
Cape Town - February 17th - 22nd 2013
@kidsheart2013
http://twitter.com/kidsheart2013
The 6th World Congress will build on the solid scientific foundations established through previous World Congresses from Paris in 1993, through Cairns 2009. Cape Town provides the meeting place for the global coalition of doctors, nurses and health scientists who use research and technological development to provide better care for babies, children and adults with heart disease.”
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**FEBRUARY 18th - MONDAY**

**CATHETER INTERVENTIONS FROM FETUS TO ADULT**

8:00-10:00 am - Introduction
- Interventional Cardiology 2020: What Will the Interventionalist Be Doing? - Shak Quereshi
- Fetal Interventions: “Did I Agree to This Mom?” - Wayne Tworetzky
- RVOT Stenting for Neonatal Tetralogy - Oliver Stumper
- Challenge the Dogma: Are Our Gradient Thresholds for Valvuloplasty of Pulmonary & Aortic Valves too High? - Jim Wilkinson
- Two Live Cases

10:30 am-12:30 pm - Working on the Right Side
- Indications for & Selection of Patients for Percutaneous Pulmonary Valves; Current Indications
- Medium-term Results & Outcomes of Percutaneous Pulmonary Valve Implantation: a Worldwide Review - Andreas Eicken
- Comparing & Contrasting the Implantation Techniques of Commercially Available Percutaneous Pulmonary Valves - Ziyad M. Hijazi
- Surgical Options to Reduce the Need for Valve Replacement & Assist Future Interventions - Renee Prêtre
- Right Ventricular Outflow Tract Reconstruction: Should We Intervene Earlier? - Marc Gewillig
- Two Live Cases

1:30-3:30 pm - Hybrid Therapies
- Hybrid Therapy for HLHS: International Outcomes - John Cheatham
- Mathematical Modeling to Compare Hybrid & Surgical Approaches to HLHS - Tan-Yen Hsia
- Other Indications for a Hybrid Approach to CHD
- Extended Hybrid Techniques: The Adult Patient in the EP Laboratory - Phil Saul
- The Hybrid Approach to Stenting in CHD - Evan Zahn
- Two Live Cases

4:00-5:30 pm - The Interratricular Septum: Opening & Closing It
- Two Live Cases
- Current & Controversial Indications for PFO Occlusion - Mike Mullen
- Devices for PFO Occlusion: Is this Industry Driven? - John Thomson
- Closing the ASD in Patients with Pulmonary Hypertension - Bharat Dalvi
- Creating & Maintaining Interratricular Communications in CHD, Including Pulmonary Hypertension - Lee Benson
- Two Live Cases

**FEBRUARY 19th - TUESDAY**

**CATHETER INTERVENTIONS FROM FETUS TO ADULT**

8:00-10:00 am-
- Two Live Cases
- Percutaneous RF Septal Ablation in Children with HOCM - Joe De Giovannis
- Radiation Protection During Intervention - John Cheatham
- Virtual Cathlab: Integrating Imaging Technology for Planning & Performing Interventions - Elchanan Bruckemeier
- Alternative Percutaneous Methods for VSD Closure - Lan Hieu Nguyen

10:30 am-12:30 pm - Masterclasses: An Expert Presents
- Walk Away Cowboy! Lesions Not to Tackle in the Catheterisation Laboratory
- Interventional Management of Takayasus Disease - George Joseph
- Interventional Management of Kawasaki’s Disease - Teiji Akagi
- Post-Stent Neointimal Proliferation in the Great Arteries: Etiology, Diagnosis & Management - Marc Gewillig
- How I Manage Complex Coarctation of the Aorta - Carlos Pedro
- Two Live Cases

1:30-3:30 pm - Mitral Valve
- Anatomy & Pathology of the Mitral Valve - Andrew Cook
- Echocardiographic Evaluation of the Rheumatic Mitral Valve
- 3D Transesophageal Echocardiography (TEE) of the Mitral Valve - Tom Gentles
- Mitral Balloon Valvuloplasty: Techniques & Patient Selection - Anton Doubell
- Mitral Valve Repair & Implantation in the Cath Lab: An Overview of Techniques & Devices - Saibal Kar
- Intervention in Congenital Mitral Valve Lesions; A Surgeon’s Perspective - Christian Brizard
- Two Live Cases

4:00 am-5:30 pm - Difficult Cases
- Percutaneous Closure of The PDA in Low Birth Weight Infants - Neil Wilson
- Management of Critical Neonatal Aortic Stenosis - Andreas Eicken
- Stenting the Duct in CHD - Mazen Alwi
- Fetal Aortic Valvuloplasty: Current Indications, Technique, Outcomes & the Future - Wayne Tworetzky
- Working in Unfamiliar Circumstances - A New Lab in an Isolated Centre in Africa - Gianfranco Butera
- Re-Establishing Vascular Patency in the Cath Lab - Henry Justino
- One Live Case (Cape Town)

**TRAVEL**

**Entry Requirements**

Visitors to South Africa are required to have a valid passport. Travelers from certain countries also require a visa. Visitors to South Africa should have a valid return or onward ticket for travel, sufficient means of support for the period and valid entry documents for the next destination.

Enquiries can be directed to the South African diplomatic representatives abroad. Visitors planning to travel to South Africa’s neighboring countries are advised to apply for multiple entry visas.

Please contact the 6th WCPCCS 2013 Congress Secretariat to request a letter of invitation for visa purposes. An accurate complete registration form must be provided in order for the request to be processed. For more information about entry requirements, visit – South African Home Affairs (www.home-affairs.gov.za/)

FEBRUARY 20th - WEDNESDAY
CATHETER INTERVENTIONS FROM FETUS TO ADULT

10:00 am-12:30 pm - Abstract Sessions
1:30-3:30 pm - Taking Advantage of the Technology & Insights of the 21st Century
- Nanotechnology & Intervention
- Stent Evolution: New Stent Types & Techniques - Frank Ing
- Fetal Interventions: Future Possibilities - Simon Hoerstrup
- Biodegradable Materials for Interventional Procedures - Dietmar Schranz
- Using an ASD Occluder in a Tracheoesophageal Fistula - Carlos Pedra
- Expensive Technologies: Taking These to Low Income Countries
- Rotational Angiography: Technique & Use in CHD - Elchanan Bruckheimer
- Extending MRI Labs to Diagnostic & Interventional Catheterizations - Reza Razavi
- Discussion & Question Time

FEBRUARY 21st - THURSDAY
CATHETER INTERVENTIONS FROM FETUS TO ADULT

8:00-10:00 am -
- Two Live Cases
- The Adult PDA - John Thomson
- Occluding the Atrial Appendage: Choice of Device & Choice of Patient - Joe DeGiovan
- How To Treat Hypertension in the Cath Lab - Horst Sievert
- Do We Still Need to Occlude the Atrial Appendage if We Have Access to Better Anticoagulants? - Adie Horak

10:30 am-12:30 pm - Working on the Left Side
- How I Do It: Implanting the Transcatheter Aortic Valve - J. C. Laborde
- TAVI Valve Comparison: Which Type for Which Valve? - Horst Sievert
- What Can Go Wrong During Aortic Valve Implantation? - Farrel Hellig
- Long-Term Results of Transcatheter Aortic Valve Replacement - Mike Mullen
- TAVI for Younger Patients: Evolution of TAVI to Lower Risk Patients for Conventional Surgery - Helmur Welch
- The Aortic Valve Is Best Replaced by a Surgeon - Martin Sussman
- Two Live Cases

1:30-3:30 pm - Managing Rare & Unusual Problems in the Cath Lab
- Rehabilitation of the Pulmonary Arteries in CHD - Nigel Wilson
- Management of Coronary-cameral Fistulae - Shak Quereshi
- Interventional Rehabilitation of the Failing Fontan - Marc Gewillig
- Management of Pulmonary Atresia & Intact Septum: Tips & Tricks - Mazen Alwi
- Long-Term Results Following Catheter Valvotomy for Pulmonary Atresia & Intact Ventricular Septum - Henry Chubb
- Two Live Cases

4:00-5:30 pm - Something Old / Something New
- Debate: ASD Device Closure Is Unsafe - Richard Jonas / Neil Wilson
- Neurologist's Perspective - How to Differentiate a Pathogenic from an Incidental PFO
- Percutaneous Rehabilitation of the Tricuspid Valve - Phil Roberts
- Results of Percutaneous Repair of the Mitral Valve - Saibal Kar
- Two Live Cases

FEBRUARY 22nd - FRIDAY
CATHETER INTERVENTIONS FROM FETUS TO ADULT

10:30-11:30 am - Interventions: And Now for the Results We Have Been Waiting for
- The Need for & Results of Interventional Registries - Ziyad M. Hijazi
- The Results of Interventional VSD Closures - Mario Carminati
- Interventional Coarctation Treatment: Outcomes - Neonate to Adult - Martin Schneider
- Rehabilitation of Pulmonary Arteries: Outcomes - Frank Ing
- Q / A

11:30 am-12:30 pm - Interventions: Risky Business in the Lab
- Does a Hybrid Approach Increase Safety or Allow for Less Caution?
- Systems Endorsing Safety in the Cathlab: Checklists & What Can We Learn from our Surgical Colleagues? - Sharon Cheatham
- Rupture of a Major Vessel or Outflow Tract: Strategies for Survival - Tom Fagan
- The Documentation & Reporting of Serious Adverse Events in the Catheterization Laboratory
- Q / A

1:30-3:30 pm - Nightmare in the Cath Lab (6-8 Cases)

Numerous international societies and institutions have shared the vision that the quadrennial World Congress of Paediatric Cardiology and Cardiac Surgery is the defining international event in the lives of those of us committed to helping children with heart disease.
FEBRUARY 18th - MONDAY
HEALTH SYSTEMS & HEART DISEASE

10:30-11:30 am - Critical Elements in Establishing a Cardiac Unit
• The Cardiologist Needs to Be a Visionary - Christopher Hugo Hamman
• Nursing Is the Critical Element - Frank Molloy
• A Surgeon Cannot Stand Alone - Ankalagud Sampath Kumar
• Developing Training Programs in Developing Countries - Krishnar Kumar

11:30 am-12:30 pm - Worldwide Burden of Disease
• The Burden of Cardiovascular Disease in Developing Countries - Doraipraj Prabhakaran
• Epidemiology & Aetiology - Lessons from the BWIS & Other Collaborative Studies - Joel Brenner
• The Global Burden of CHD Is Vastly Underestimated - Julien Hoffman
• RHD: How Big Is the Iceberg Really? - Andrew Steer

1:30-3:30 pm - International Summit of Support & Advocacy Groups for Patients & Family Affected by CHD
• Corience: An Independent European Platform on Congenital Defects - Ulrike Bauer
• Adult Congenital Heart Disease Association - USA - Amy Verstappen
• Congenital Heart Information Network - USA
• There Are No Advocacy Groups in Africa: Time for a Change - Nadine Raal
• Newborn Coalition: 1 In 100 - Annamarie Saarinen
• Support Groups & Web 2.0
• Caring & Living as Neighbours: Time for a Global Cardiac Club? - Kate Armstrong
• Collaboration as the New Frontier in Cardiac Care - Bistra Zheleva

4:00-5:30 pm - Improving Access to Cardiac Surgery in the Developing World
• Social, Political & Economic Considerations - Rodolfo Neirotti
• Flying In, Then Building Up - Craig Sable / Charles Mondo
• The Future of Medical Device Innovation: Critical to Unmet Medical & Surgical Needs - George Mensah
• Teaching Surgeons Using MHealth, E-Platforms & Webinars - Kathy Jenkins
• Reducing Resources Can Improve Outcomes: Fact or Fiction? - Alan Goldman

FEBRUARY 19th - TUESDAY
HEALTH SYSTEMS & HEART DISEASE

10:30 am-12:30 pm - Health Economics: Resource Allocation & Finance
• Costs of Care of Treating CHD: Can We Solve the Crisis? - Rachel Nugent
• How Do We Deliver Paediatric Cardiac Services with Limited Resources? - Krishna Kumar
• Debate: Prioritizing Interventions & Surgery in Resource-limited Settings: Let Us Start with ASDs - John Hewitson / Lan Hieu Nguyen
• How Do We Ration Healthcare? - Jonathan Broomberg
• Leveraging the Existing Services - Joseph Mucumbitsi / Gene Bukhman
• The Canadian Model Should Be Emulated Elsewhere - Andrew Redington

1:30-3:30 pm - The International Society for Nomenclature of Pediatric & Congenital Heart Disease (ISNPCHD)
• “A Rose by any Name Smells as Sweet.” What’s in a Name & What Is the Difference? - Christo I. Tchervenkov
• Nomenclature: The International Pediatric & Congenital Cardiac Code (IPCCC) - Marie Béland
• Adding Value in Global Health: The International Classification of Diseases (ICD11) - Rodney Franklin
• Defining Terms in the Nomenclature - Steve Colan
• Why Do We Need Harmonization: Creating Value with the Nomenclature via Linking Nomenclature & Databases & Improving Outcome Analysis - Jeffrey P. Jacobs
• Open Panel Discussion - All Speakers from this Session

4:00-5:30 pm - The Real World
• Debate: Unit Closures / Service Rationalisation: A Necessity in our Day - Victor Hraaka / Duncan McCrae
• Changing How Doctors Think – Can This Change How They Work? - Lee Wallis
• Defining Country-Level Resource Needs for Cardiovascular Disease - Rachel Nugent
• Making our Business Less Risky - Alan Goldman
WE’RE OBSESSED WITH THE FUTURE.

AT MEDICLINIC, OUR DECISIONS ARE CALCULATED. OUR ACTIONS ARE CONSIDERED. WE SHARE EXPERT KNOWLEDGE AND COLLECTIVE SKILL FROM OUR HOSPITALS AROUND THE WORLD. WITH THIS KNOWLEDGE, WE CAN CONTRIBUTE TO A FUTURE HEALTH SYSTEM IN WHICH VERIFIABLE, COST-EFFECTIVE QUALITY HEALTHCARE WILL NOT BE COMPROMISED.
### FEBRUARY 20th - WEDNESDAY

**HEALTH SYSTEMS & HEART DISEASE**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
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<tr>
<td>10:30 am-12:30 pm</td>
<td>Essential Concepts in Clinical Research</td>
<td>- Research Priorities in Paediatric Cardiology - Daphne Hsu&lt;br&gt;- The Anatomy &amp; Physiology of Research - Jean Nechega&lt;br&gt;- Explanatory vs Pragmatic Research: Asking the Right Questions - Gil Wernovsky&lt;br&gt;- The Randomised Control Trial: Holy Grail or White Elephant - Pippa Simpson&lt;br&gt;- Statistical Analyses of Randomised Controlled Trials - Maia Lesosky&lt;br&gt;- Lessons Learnt from Large Observational Studies: Heart of Soweto, Pure - Karen Silwa&lt;br&gt;- Panel Discussion &amp; Questions&lt;br&gt;- There Are No Advocacy Groups in Africa: Time for a Change - Mark Engel&lt;br&gt;- Non-inferiority, Superiority &amp; Equivalence: The Good, the Bad, the Ugly - Landon Myer&lt;br&gt;- Research in Emerging Economies - Jonathan Carapetis&lt;br&gt;- Clinical Judgement vs Evidence-based Medicine: Time to Reconcile - Ganesan Karthikeyan&lt;br&gt;- Why Does Good Research Disappear: Knowledge Translation &amp; Incorporation - Jane Newburger&lt;br&gt;- Panel Discussion &amp; Questions</td>
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### FEBRUARY 21st - THURSDAY

**HEALTH SYSTEMS & HEART DISEASE**

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<tr>
<td>10:30 am-12:30 pm</td>
<td>Programs &amp; Perspectives</td>
<td>- La Chaine de l’Espoir - Daniel Sidi&lt;br&gt;- Borneo, Malaysia - Houng-Bang Liew&lt;br&gt;- The Pacific Islands: A Sustainable RHD Program - Samantha Colquhoun&lt;br&gt;- Save a Child’s Heart - Lior Sasson&lt;br&gt;- The Sri Lankan Experience - Duminda Samarasinghe&lt;br&gt;- Lessons from Nepal - Prakash Regmi&lt;br&gt;- Cardiology in Kyrgyzstan - Nazgul Omurzakova&lt;br&gt;- Work in Angola - Manuel Magalhaes&lt;br&gt;- Children’s Heart Link - Bistra Zheleva&lt;br&gt;- Shisong Hospital Cameroon - Allesandro Frigiola&lt;br&gt;- Perspectives - Prasanga Lokuge, Luis Sambo, Annabelle Lavielle</td>
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<tr>
<td>1:30-3:30 pm</td>
<td>Ethics &amp; Patient-Centered Care</td>
<td>- The Ethics of Cardiac Care in an Era of Competing Interests - Parvathi Iyer&lt;br&gt;- The True Meaning of Informed Consent in Paediatric Practice - Kathy Mussato&lt;br&gt;- Improving the Health of the Poor: The Role of Foundations &amp; the Private Sector - Prasanga Lokuge&lt;br&gt;- What Is Patient-Centred Care &amp; How Do We Practically Do It? - Amy Verstappen&lt;br&gt;- How Should We Experience Patient-Centred Care? A Patient Perspective - Jennifer Thomas&lt;br&gt;- Palliative Care &amp; Advanced Directives in Young Children &amp; Adolescents - Jenny Thomas</td>
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<tr>
<td>4:00-5:30 pm</td>
<td>Advocacy</td>
<td>- How To Go from Support to Advocacy to Policy? - Kristine McCormick&lt;br&gt;- Lessons from Pulsox (Pulse Oximetry Advocacy): How It Came into Law - Gene Bukhman&lt;br&gt;- National &amp; International Cooperative Research into Rare Cardiac Disease Including The Paediatric Heart Network - Alan Everett&lt;br&gt;- Addressing the Health of the Poor - Rachel Nugent&lt;br&gt;- Global Health Equity &amp; Cardiovascular Disease - Gene Bukhman&lt;br&gt;- Invisibility of Women &amp; Children: Time to Speak Up Loudly - Karen Silwa</td>
</tr>
</tbody>
</table>
SOCIAL PROGRAM

The opening ceremony will be held at 6:00 pm on Sunday, February 17th 2013 in the The Cape Town International Convention Centre (CTICC). It is open to all delegates and accompanying persons with seating on a first-come, first-serve basis.

Although there will be several speeches, the objective will be to entertain the delegates and visitors. The Congress will showcase South African talent and highlight the vibrant multicultural character of our city and our country.

The ceremony will be opened by the Minister of Health Aaron Motsoaledi, and will feature an address by the Patron of the 6th World Congress, Archbishop Emeritus Desmond Tutu.

Welcome Reception - February 17th 2013

A welcome reception will take place at the CTICC immediately after the Opening Ceremony. A variety of snacks will be served to suit all tastes and alcohol free beverages and a selection of South African wines provided.

This reception will also be accompanied by numerous musical events and other entertainment. It is hosted by the World Congress with admission open to delegates and all accompanying persons (excluding children under 18 years of age).

The welcome reception will also mark the grand opening of the Trade Exhibition, and will take place within the confines and surrounding area of the exhibition area.

Under African Skies with John Clegg - February 20th 2013

A picnic and concert will be held in the beautiful Kirstenbosch National Botanical Gardens on the eastern slopes of Table Mountain. This will commence at 6:00 pm on Wednesday, February 20th with delegates transported to the event by coach earlier in the afternoon.

Johnny Clegg is one of South Africa’s most celebrated sons. He is a singer, songwriter, dancer, anthropologist and musical activist whose infectious crossover music, a vibrant blend of Western pop and African Zulu rhythms, has exploded onto the international scene and broken through all the barriers in South Africa.

This event is not included in the registration fee, but is open to all registered delegates, exhibitors, accompanying persons, family members and of course to children. The cost is R500.00 per person, and bookings can be made upon registration. See www.sanbi.org/gardens/kirstenbosch.

FEBRUARY 22nd - FRIDAY
HEALTH SYSTEMS & HEART DISEASE

10:30 am-12:30 pm - Seminar on Setting Millennium Development Goals for Children with Cardiovascular Disease with the World Heart Federation
- Introduction: Time to Put Policy into Practice - Srinath Reddy
- School Health as a Means To Prevent the Growing Burden of Cardiovascular Diseases in Children - Aaron Motsoaledi
- What Are the Achievable Goals in Heart Health for Children? - Kathryn Taubert
- Improve the Lives of Women and Children Through Advocacy & Resource Mobilization - Nic Alipuli
- Transforming South–South Support to Fight Noncommunicable Diseases - Agnes Binagwaho
- Meeting the Challenge of NCDs: The Time Is Now - George Alleyne
- “Linking Global Knowledge to Local Action: Role of WHF in Prevention of CVD” - Srinath Reddy

1:30-3:30 pm - Global Collaboration & Healthier Hearts: The Way Forward
- Mapping the Activity of Non-Governmental Initiatives to Provide Cardiac Surgery Around the World - Annabelle Lavielle
- Private Sector Challenges in Advancing Partnerships for Cardiovascular Prevention - George Mensah
- From Haiti to Rwanda: Lessons Learnt - Gene Bukhman
- PCCA: an African Initiative - Rob Kingsley
- Congenital Heart Disease Public Health Consortium - Amy Verstappen
- Screening for RHD: Mozambique, Cambodia & the French Mariana Islands - Daniel Sidi

FEBRUARY 18th - MONDAY
ADULTS WITH CONGENITAL HEART DISEASE & THE PREVENTION OF ACQUIRED HEART DISEASE STARTING IN CHILDHOOD

10:30 am-12:30 pm - Healthier Lifestyles in Children Reduce Adult Onset Heart Disease
- The Facts; Atherosclerosis is a Disease of Childhood - David Celermajer
- The Shifting Target - Tobacco Control in Children - Derek Yach
- Assessing & Managing Paediatric Hypertension: The Need - Sivasankaran Sivasubramonian
- Dyslipidaemia in the Child: When Should We Treat & How? - Stephen Daniels
- Exercise in Children; How Much for Whom & How Often? - Tim Noakes
- Promoting Healthy Lifestyles: a World View - Sidney Smith

1:30-3:30 pm - A Life with CHD
- Facing the Future: the Growing Burden of Adult CHD - Ariane Marelli
- Community Based Organisations, Advocacy & Advancement - Lynda Bleazard
- Lifetime Psychosocial Issues with CHD - Adrienne Kovacs
- Native Late Presentations - CHD in the Adult - Krishna Kumar
- The Benefits of Exercise in all Patients with ACHD - Barbara Mulder

4:00-5:30 pm - Organization of Care for ACHD
- Developing a Career in ACHD – Training the Cardiologist, the Surgeon and the Electrophysiologist - Ariane Marelli
- Research in ACHD - Opportunities & Frustrations - Koichiro Niwa
- An ACHD Unit Is an Unnecessary & Unaffordable Luxury in Most of the World - Daniel Sidi
- Nurse-Led Care in Patients with ACHD - Kathy Mussatto
- Patient & Parent: Genetic Counselling in Adults with CHD - Woodrow Benson
- What Are the Limits to Post-Operative Surveillance? - Carol Warnes

FEBRUARY 19th - TUESDAY
ADULTS WITH CONGENITAL HEART DISEASE & THE PREVENTION OF ACQUIRED HEART DISEASE STARTING IN CHILDHOOD

10:30 am-12:30 pm - Exercise & the Heart
- Normal Exercise Physiology in the 21st Century - Vicki Lambert
- Exercise Testing in CHD – Utility & Applicability - Stephen Paridon
- Performance Enhancing Drugs, the Athlete & the Heart - Erik J. Meijboom
- The Limits of Human Endurance - Tim Noakes
- Safe Sports for Children with CHD: My Guidelines
- Exercise for Adults with Acquired Heart Disease - Wayne Derman

1:30-3:30 pm - Coronary Artery Disease
- Developmental Basis of Adult Cardiovascular Disease - Roger Markwald
- Congenital Coronary Anomalies & the Morphologically Normal Heart - High Risk Variants - Robert Anderson
- Congenital Coronary Anomalies & the Morphologically Normal Heart - Management - Tom Spray
- Atherosclerotic Coronary Artery Disease in the Young - Surveillance, Investigation & Management
- Does Childhood Infection Contribute to the Early Development of Atherosclerosis? - Dave Burgner
- Post-transplantation Coronary Artery Disease - Ivan Rebeykha
- Into Adulthood: The Coronary Arterial Circulation after the Arterial Switch - Craig Broberg
- Kawasaki Coronary Arteries: Management in Adulthood - Teiji Akagi

4:00-5:30 pm - Management in ACHD - Problems to All Lesions
- The Challenge of Redo Surgery - Giovanni Stellin
- Acquired Heart Disease in ACHD - Hypertension & Ischaemic Heart Disease - John Deanfield
- Heart Failure - The Pharmacological, Electrical & Surgical Challenge - Paul Kantor
- Persistent Pulmonary Hypertension after Repair - Maurice Bepetti
- Managing ACHD Arrhythmias - A Guide for the Non-electro Physiologist - Phil Saul
- Complex Arrhythmias - Management in the Era of Robotic & Magnetic Navigation Systems - Faisal Lorgat

FEBRUARY 20th - WEDNESDAY
ADULTS WITH CONGENITAL HEART DISEASE & THE PREVENTION OF ACQUIRED HEART DISEASE STARTING IN CHILDHOOD

10:30 am-12:30 pm - Abstract Sessions

1:30-3:30 pm - Sudden Athletic Death
- Sudden Athletic Death - The History of High Profile but Rare Events - Wayne Derman
- ECG Screening Can Prevent 90% of these Deaths
- Imaging the Athletes Heart Is the Best Predictor of Risk - Will Border
- Lessons on Pre-Competition Medical Assessment - The FIFA under 20 World Cup - Bongani Mayosi
- Who Carries the Risk? The Athlete with an Abnormality or the Physician? - Barry Maron
- Which Athlete Should Be Screened for Heart Disease? The Lausanne / IOC Guidelines - Erik J. Meijboom

EXHIBITION
A trade and industry exhibition will run concurrently with the 6th World Congress on Paediatric Cardiology and Cardiac Surgery 2013 in the CTICC.

The exhibition dates are February 17th to the 22nd from 9:00 am in the morning to 6:00 pm at night each day.
CALL FOR CASE REPORTS AND OTHER ORIGINAL ARTICLES

Do you have interesting research results, observations, human interest stories, reports of meetings, etc. to share?

We are often able to publish accepted manuscripts within 1-3 months of receipt.

Email your manuscript to:
Richard Koulbanis
Group Publisher & Editor-in-Chief

CONGENITAL CARDIOLOGY TODAY

RichardK@CCT.bz

www.CongenitalCardiologyToday.com
FEBRUARY 21st - THURSDAY
ADULTS WITH CONGENITAL HEART DISEASE & PREVENTING LIFESTYLE DISEASE

10:30 am-12:30 pm - Fontan: What It Really Means to Have a Single Ventricle “Solution”
- Computational Design: Progress Towards the Optimum Fontan Circuit? - Mark Fogel
- The Single Ventricle Solution: a Surgical Timetable for Safety, Success & Survival - William Brawn
- Hepatocellular Function, Predictors, Diagnosis & Management - Gruschen Veldman
- A Single Ventricle Survivorship Program - Jack Rychik
- Permissible Activity – Can She Scuba Dive & Survive on the International Space Station? - Marc Gewillig
- Planned Pregnancy & the TCPC - Toshio Nakanishi
- Worldwide Trends in Obesity - Krishna Kumar
- Weight Issues on the African Continent - Kemi Tibazwara
- Eating & Exercise: Why Do We Get Fat? - Brian McCrindle
- Adverse Consequences of Obesity - Rae-Ellen Kavey
- Treatment for the Fat Young Person: What Works? - Stephen Daniels
- Bariatric Surgery: Indications in the Young

1:30-3:30 pm - Peripartum Management in Heart Disease
- Debate: The Mode of Delivery in a Woman with CHD Should Be Determined by the Obstetrician - Joerg Stein / Fiona Walker
- The Pregnant Woman with a Mechanical Valve - Philip Herbst
- Eisenmenger Patients & their Pregnancies - Ingram Schulze-Neick
- Peripartum Cardiomyopathy - the Basic Science - Karen Sliwa
- Looking into the SDU: Which Fetus with What Disease Requires Special Delivery? - Jack Rychik

1:30-3:30 pm - Controversial Interventions / Treatments:
- The Dilated Non-Atherosclerotic Aorta: Prophylactic Surgery - Duke Cameron
- Electrophysiological Study & Intervention: Who Needs It - John Friedman
- Revising Pathways in the Fontan Circulation - Charles Fraser
- Where Should Adults with CHD Have their Surgery? Should High Complexity Patients Be Referred to High Volume / Regional Centers? - Sara Pasquali
- Ebstein’s Anomaly: Surgical Indications & Strategies - Joe Dearani
- Repaired Coarctation - When to Reintervene - Eichanan Bruckheimer

4:00-5:30 pm - Reproductive Health: Adolescence & the Young Adult
- The Risky Business: Adolescence, Independence, Behaviour & Heart Disease - Philip Moons
- Pregnancy Planning: Contraception for those with CHD
- Pregnancy & the Patient with Cyanotic CHD - Ju-Le Tan
- Maternal Cardiovascular Events During Childbirth Among Women with CHD - Anne Marie Valente
- The Pregnant Patient in Africa with Valvular Heart Disease - Serigne Ba
- Pregnancy with Pulmonary Hypertension - Hong Gu

FEBRUARY 22nd - FRIDAY
ADULTS WITH CONGENITAL HEART DISEASE & PREVENTING LIFESTYLE DISEASE

10:30 am-12:30 pm - The Condition We Think We Understand the Best: Tetralogy
- The Unnatural History of TOF: a Lifetime with the Disease - Carole Warnes
- Imaging the Heart: CT Angiography and MRI - Shi-joon Yoo
- The Functional Assessment of the Failing Right Ventricle - Andrew Redington
- Dobutamine Stress Testing in the Assessment of the Failing Right Ventricle - Shak Quereshi
- Pulmonary Valve Replacement for a TOF Repair. When Are the Right Times? - Yiu-Fai Cheung

1:30-3:30 pm - ACHD in 2017: What Will Be Different in 4 Years' Time?
- Drugs & Pulmonary Hypertension - Affordable for All - Du Junbao
- Risk Stratification for Sudden Death - an ICD for Everyone? - Michael Ackerman
- Smaller & More Efficient VAD’s & Artificial Hearts - David Morales
- Imaging in ACHD - Farewell to the Cath Lab - Shi-joon Yoo
- A TCPC without PLE, Cirrhosis, Plastic Bronchitis - Gruschen Veldman
- Stem Cell Therapy: Growing Valves
FEBRUARY 18th - MONDAY
CARDIOLOGY & THE IMAGING REVOLUTION

10:30 am-12:30 pm - Advanced Imaging 1
- How Can We Make 3D Echo 'Switch on & See'? - Gerald Marx
- Measuring Deformation - How Much Easier or Difficult Can It Get? - Yu-Fai Cheung
- Establishing a Research Lab - a Worthwhile Goal? - Will Border
- Integrating Imaging Information for the Clinician - Leo Lopez
- Knowledge-Based Reconstruction - The Theory - Florence Sheehan
- High Frequency Ultrasound for Vessel Imaging - Luc Mertens

10:30 am-12:30 pm - Electrophysiology & CHD - 1
- Primer on The Clinical Genetics of Channelopathies & the Interpretation of Results - Michael Ackerman
- The Long QT Syndrome in 2013 - Peter Schwartz
- A Overview of the Early Repolarization Syndromes such as Short QT Syndrome - John Skinner
- Resuscitated Sudden Death - What Happens after the Presentation? - Phil Saul
- Debate - Primary ICD's In Children - No Place for their Use - Ed Walsh / Ron Kanter

10:30 am-12:30 pm - Kawasaki Disease
- Lifetime Risk Reduction - Anticoagulation & Revascularisation - Brian McCrindle
- Genetics & Genomics: Who is at Risk & for What? - Vera Aiello
- Agent X: What is the Trigger? - David Burger
- What Goes on? Unravelling the Immunological Mystery - Rae Yeung
- Acute Management: Preventing Coronary Catastrophe - Jane Newburger
- Cardiovascular Outcomes in Kawasaki Disease - Mei-Hwan Wu

1:30-3:30 pm - Drugs & The Child's Heart
- Anticoagulation & Thrombolysis in 2013 – What You Need to Know - Patti Massicotte
- Heart Failure - What I Do Differently - Paul Kantor
- Methylenidate & Related Drugs - Will It Ever Be Possible to Safely Prescribe these Medications? - Reiner Buchhorn
- Drug Therapy for Pulmonary Hypertension - A Guide to Outpatient Therapy - Ingram Schulze-Neick
- An Approach to Inotropic Therapy - Lara Shekerdemian
- Drugs for Hyperlipidaemia in the Child - An Approach to Therapy - Stephen Daniels

1:30-3:30 pm - Fetal Cardiology 1
- An Approach to the Diagnosis & Management of Fetal Cardiac Rhythm Disturbances - Edgar Jaeggi
- Fetal Myocardial Function - Jack Rychik
- Fetal Non-Compaction: the Stanford Experience - Norman Silverman
- Fetal Brain Imaging & Pathology in CHD - Adre du Plessis
- Extracardiac Abnormalities in the Fetus - What Else Am I Missing? - Simone Pedra
- Twin-twin Transfusion Syndrome: Really a Cardiovascular Disease - Anita Moon-Grady

1:30-3:30 pm - Acute Rheumatic Fever 1: Mechanisms & Pathogenesis
- Streptococci & Streptococcal Disease: New Insights - Andrew Steer
- The Cellular Mechanisms Underlying Rheumatic Fever: Do We Finally Understand the Process? - Luiza Guilherme
- Diagnosis of Acute Rheumatic Fever - Can We Avoid Underdiagnosis? - Masood Sadiq
- The Revised Jones Criteria: What Should They Say? - Nigel Wilson
- Phase 1 To Vaccine for RF - 30 Valient or More? - Jim Dale
- Pathology of the Rheumatic Valve - Vera Aiello

4:00-5:30 pm - Essential Skills for Office Cardiologists
- Office Assessment & Management of Rhythm Disorders in Children - Ed Walsh
- Does the Postural Orthostatic Tachycardia Syndrome Really Exist? - Jeff Bors
- Does an Office Cardiologist at Least Need a Treadmill? - Stephen Peridon
- The Challenge of Chest Pain In Children - David Celermajer
- MRI & CT for Office Cardiologists; Including How Safe Is That CT or Nuclear Medicine Scan? - Mark Fogel
- 3-D Echo & Newer Doppler Techniques – Applicability for the Office Cardiologist - Luc Mertens

4:00-5:30 pm - Heart Failure 1
- The Use of Biomarkers to Diagnose Cardiac Failure in Children & Young Adults - Daphne Hsu
- The Failing Systemic RV - Paul Kantor
- Managing Co-Morbidities (Anaemia, Renal Failure, Etc.) in Heart Failure - Adrienne Kovacs
- The Recognition of Depression & Altered Cognitive Function in Patients with Heart Failure - Adrienne Kovacs
- Detecting & Preventing the Onset of Heart Failure in Patients with Skeletal Muscle Disease - Frank Weidemann

4:00-5:30 pm - Acute Rheumatic Fever 2: Unanswered Questions
- Genetic Susceptibility Underlying RHD: What Do We Know? - Guillaume Pare
- The Diagnosis of Acute Rheumatic Fever: Echo Pointers & Pitfalls - Balekundri Vijayalakshmi
- Acute Rheumatic Fever: Treatment Controversies - Antoinette Cilliers
- Sydenham's Chorea - A Much Broader Disease than Previously Thought - Kathie Walker
- The Phenotypic Variability in RHD: the Conundrum Continues - Ganesan Karthikeyan
- Secondary Prophylaxis - Is It Really the Best Defence? - Jonathan Carapetis

Please visit http://wcpccs2013.co.za for up-to-date program changes.
10:30 am-12:30 pm - The Assessment of Chamber Size & Function
- Systolic / Diastolic Ratio as an Indicator of Heart Failure - Norman Silverman
- Picturing the Right Ventricle Using Echocardiographic Imaging - Jon Skinner
- The Right Ventricle - Evaluation Using 3D Echocardiography - Girash Shirali
- The Assessment of Right Ventricular Function Using Tissue Doppler & Deformation Imaging - S. Vijayalakshmi
- The MRL for Evaluation of the RV - Shi-Joon Yoo
- The Use of Integrated Multimodality Imaging to Image the RV - Luc Mertens

10:30 am-12:30 pm - Sudden Death: a Summit of Support Groups
- How to Decide When to Do a Balloon Mitral Valvotomy - Anton Doubell
- Functional Echo - What the Neonatologist Wants to Know from You - John Skinner
- A Review of Transitional Physiology in the Premature Neonate - Erik Michelfelder
- The Surgical Management of the Premature Infant with Complex CHD - Frank Hanley
- Pulmonary Vascular Disease in the Infant with Bronchopulmonary Dysplasia - Ian Adatia
- Screening for CHD in the Newborn - Balu Vaidyanathan
- Management of Neonatal Pulmonary Hypertension - Anita Moon-Grady

1:30-3:30 pm - Cardiac Muscle Disease - Congenital
- Cardiac Metabolism in Neonatal, Child & Adult Hearts - A Primer - Jeff Towbin
- The Heart in Friedreich Ataxia - Lessons from a Rare Disease - Frank Waldermann
- The Lifetime Management of Patients with Muscular Dystrophy - Woodrow Benson
- Cardiomyopathies - Current Investigation & Management - Michael Burch
- HCM: Present & Future Risk Factors for Sudden Death - Leo Lopez
- The Need for Multicentre Trials of Therapeutics for Pulmonary Hypertension - Maurice Beghetti

4:00-5:30 pm - Pulmonary Hypertension
- The Basic Science of Pulmonary Hypertension - Junbao Du
- The Echo Assessment of Disease Severity - Will Border
- Can We Avoid a Catheterisation? - Ian Adatia
- Fractal Dimension Calculation in Pulmonary Hypertension - Andrew Taylor
- Pulmonary Hypertension as a Biventricular Disease - Tammo Delhaas
- The Need for Multicentre Trials of Therapeutics for Pulmonary Hypertension - Maurice Beghetti

4:00-5:30 pm - Contemporary Issues in Infective Endocarditis in Adults and Children
- Have The Changes in Endocarditis Prophylaxis Guidelines Made a Difference? - Sara Pasquali
- Endocarditis Prophylaxis in a Developing Country - Andrew Parrish
- Advanced Microbiological Techniques for Diagnosis of Bacterial Endocarditis - Andrew Whitelaw
- Surgery in Endocarditis - Too Early or Too Late? - Ad Bogers
- Endocarditis in a Developing Country - Anita Saxena
- Endocarditis after Interventions: A Literature Review - Phil Roberts

4:00-5:30 pm - New Insights into RHD 1
- The WHF Screening Criteria - How We Got There - Bo Remenyi
- Echocardiographic Screening: The Role of Abbreviated Protocols - Ana Mocumbi
- Task Shifting In Echo Screening: Nurses, Techs & Medical Officers - Sam Coleghoun
- Point of Care INR Testing: Where Are We? - Mary Bauman

4:00-5:30 pm - New Insights into RHD 2
- Penicillin: Is There Anything Else? - Andrew Steer
- How Do We Improve Primary Prevention? - Diana Lennon
- New Surgical Techniques: What Should I Know about? - Bill Brawn
- Should Preventative Cardiology Become Part of MY Practice? - David Celemajer
- Optimum Utilization of the Skills of a Practice Nurse - Kathy Mussato
FEBRUARY 21st - THURSDAY  
CARDIOLOGY & THE IMAGING REVOLUTION

10:30 am-12:30 pm - Heart Failure 2
- How Can We Help the Failing RV? - Andrew Redington
- Future Targets for Heart Failure Therapy - Karen Silwa
- The 'Heart Failure' Echocardiographic Study - Steve Colan
- Implantable Telemetric Monitoring of Haemodynamic Parameters - Kevin Maher
- Ventricular - Vascular Coupling in Post-Operative Failure - Dan Penny
- Resynchronization Therapy in CHD - Tammo Delhaas

10:30 am-12:30 pm - ECHO Screening for RHD
- Medium Term Results of Echocardiographic Screening - Masood Sadiq
- Follow-up Strategies for Echocardiographic Screening Programs - Nigel Wilson
- Application of WHF Criteria: Lessons from SA & Ethiopia - Lisei Zuhike
- The Comprehensive Clinical & Echo Evaluation of the RHD Patient - Anita Saxena
- The RHD Echo & Different Cadres of Medical Practitioners - Gene Bukhtman
- RHD as a Model of Chronic Disease - Bongani Mayosi

10:30 am-12:30 pm - Fetal Cardiology 2 - The Need for Full Disclosure
- Why Bother with Screening at All? - Surleen Shantland
- Regional & Cultural Differences in Approach to Counseling - Balu Vaidyanathan
- Prenatal Complete Heart Block: Fetal Treatment Controversies & Overall Outcomes - Edgar Jaeggi
- Prenatal Counseling for Repairable Major CHD (TOF / IAA / TGA / etc.): Full Disclosure about What Might Lay Ahead - Paulo Zielinsky
- Prenatal Counseling for Single Ventricle CHD (Future Fontan Candidate) - Wayne Tworetzy
- First & Early 2nd Trimester U/S for CHD (Trans-Abdominal & Trans-Vaginal): Is the Technology Ahead of General Applications - Lisa Hornberger

1:30-3:30 pm - Electrophysiology & CHD 2
- The Embryology of the Conduction System - What’s Hot off the Press? - Antoon Moorman
- The Best Way to ‘Image’ an Arrhythmia in a Patient with CHD - Edward Walsh
- Modern Techniques of Catheter Ablation for Young People - Ron Kanter
- How I Do It - Ablating an Incisinal Tachycardia - (Case-in-a-Box) - Phil Saul
- Epicardial Ablation in the Cath Lab - Norman Silverman
- Nanotechnological Methods to Ablate Arrhythmias - Kevin Maher

1:30-3:30 pm - Tertiary Prevention & Management of Chronic RHD
- Rheumatic Mitral Disease: Overview, Surgeon’s Perspective - Peter Zilla
- Can We Use Tissue Valves & Ross Procedure in These Patients? - Arkalgud Sampath Kumar
- Prosthetic Valve Thrombosis: Prevention & Management - Jeff Towbin
- Echo Features of Thrombosis / Mismatch / Pannus & Other Difficult Echo Diagnoses - Phil Herbst
- Medical Management: Optimisation & Evidence-based Care - Nigel Wilson

1:30-3:30 pm - Advanced Imaging 2 - How to See Everything
- How I Would Perform Imaging Studies on a Post-Op Glenn - Gerald Marx
- How I Would Perform Imaging Studies before Cardiac Resynchronization Therapy - Jan Janousek
- How & When I Would Perform Imaging Studies in a Patient Post-Arterial Switch - Will Border
- How I Would Perform Imaging Studies on a Newborn Patient with Heterotaxy - Norman Silverman
- What I Need to Know from the Imaging Before I Perforate a Pulmonary Valve in PAIVS - Mazen Alwi
- How I Image the Patient with Complex Double Outlet Right Ventricle - Reza Razavi

4:00-5:30 pm - Electrophysiology & CHD 3
- Resuscitation - The Science Behind the CPR - Konrad Brockmeier
- An Up-to-Date Approach to Resuscitation - Andrew Argent
- Prophylactic Pathway Ablation During Surgery for Complex Heart Disease - Joseph Dearani
- Cardioverter Defibrillators in Children & Young Adults - Reza Razavi
- Ventricular Arrhythmias in Young Children - Reza Razavi
- Debate Endocardial Pacing in Small Children Is Good Practice - Jan Janousek / John Triedman

4:00-5:30 pm - The Spercre of Non-Communicable Disease in Children
- Tobacco Use: Growing in Children in Developing Countries: What To Do - Jan Janousek
- Early Stroke: Causes & Concerns - Alan Bryer
- Physical Activity in Children - David Celermejeur
- Go Red for Girls & Young Women as well as Older Women - Ana Mocumbi
- Population Based Approaches to Preventing Obesity in Children & Adolescents
- Tracking of Serum Lipid Levels, Blood Pressure & Body Mass Index from Childhood to Adulthood: the Cardiovascular Risk in Young Finns Study

FEBRUARY 21st - THURSDAY  
CARDIOLOGY & THE IMAGING REVOLUTION

4:00-5:30 pm - Debating Corner
- Debate: Idiopathic Pulmonary Hypertension is an Untreatable Condition - Ian Adatia / Ana Mocumbi
- Debate: Every Practice Needs a 3D Echo Machine - Gerald Marx / Luc Martens
- Debate: Neurological Imaging Is Essential for Every New Born with Complex CHD - Adre du Plessis / Gil Wernovsky

FEBRUARY 22nd - FRIDAY  
CARDIOLOGY & THE IMAGING REVOLUTION

10:30 am-12:30 pm - Computational Methodologies & Better Care
- An Introduction to Computational Simulation Including Computational Flow Dynamics - Tain-Yen Hsia
- Tailored Assessment of Individual Patients Using Computation Simulation – Planning Surgery & the Need for Intervention - Andrew Taylor
- Cardiovascular Modeling as an Adjunct to Teaching & Research - Leo Lopez

10:30 am-12:30 pm - Acquired Heart Disease: Old & New
- Anthracycline Induced Cardiomyopathy - Luc Mertens
- Chagas Disease – Pathogenesis Understood but Poorly Treated - Jose Ramirez
- Endomyocardial Fibrosis: A Review - Ana Olga Mocumbi
- HIV & the Heart – Long-Term Cardiovascular Health - Mahmoud Sani
- HIV & the Heart – Impact of HAART on Cardiac Disease - Mpiko Ntsheko
- Cardiovascular Effects of HAART in Infants & Children of HIV-Infected Mothers - Steve Colan

1:30-3:30 pm - Where to Next in Cardiology?
- Defining Best Practice in Paediatric Cardiology - Robert Campbell
- Rewriting Cardiac Embryology - Antoon Moorman
- A Genetic Cure for Cardiomyopathy? - Jeff Towbin
- 2D Echo Will No Longer Be of Use in 2020 - Gerald Marx
- Preventative Cardiology Will Put Adult Cardiologists Out of Business - John Deanfield
- A World Society for Cardiac Practitioners Who Care for the Young - Chris Hugo Hamman
No Separate Monday & Friday Nursing Sessions. They have been included in Other Tracks.
Watch Live Case Videos, Industry Workshops and Presentations from Major Medical Meetings at www.CHDVideo.com
Performed by World-Renowned Physicians at International Centers

- Transseptal Access Workshop from Cook Medical
- Workshop: Past Present and Future of Pediatric Interventions Cardiology - St. Jude & AGA Medical
- Symposium on Prevention of Stroke Clinical Trials at the Heart of the Matter - WL Gore Medical
- Imaging in Congenital & Structural Cardiovascular Interventional Therapies
- Morphology of The Atrial Septum
- Morphology of The Ventricular Septum
- Pre-Selection of Patients of Pulmonic Valve Implantation and Post-Procedural Follow-up
- Echo Paravalvular Leakage (PVL)
- ICE vs TEE ASD Closure in Children - PRO & CON ICE
- 3D Rotational Angiography - Why Every Cath Lab Should Have This Modality
- PICS Doorway to the Past - Gateway to the Future
- Follow-up From PICS Live Cases 2010 Presentation
- Intended Intervention - Transcatheter TV Implantation - Live Case
- Intended Intervention - LAA Closure Using Amplatzer Cardiac Plug Under GA & Real Time 3D
- Provided Intervention - LPA Stenting / Implantation of a Sapien Valve
- Intended Intervention - PV Implantation
- Intended Intervention - COA Stent Using Atrium Advanta V12 Covered Stent - Live Case
- Intended Intervention - ASD Closure - Live Case
- Intended Intervention - Transcatheter VSD Device Closure - Live Case Intended Intervention - COA Stenting Using Premounted Advanta V12 Covered Sten - Live Case
- Stunning Revelation - The Medical System is Changing - What Can You Do To Show Patients That Your Practice Does It Right? Patient Perspective
- Percutaneous Paravalvular Leak Closure Outcomes
- Intensive Management of Critically Ill Infants Undergoing Catheterization
- Off Label Device Usage - Careful!
- Evolving Hybrid Programs Communications is the Key
- Anti-Coagulation in Pediatric Interventions - Evidence Please! Are we Flying Blind?
- Shaping Your Structural Heart Interventional Career: How Do I Get the Necessary Training and Start a Program?
- Closure of Post-Infarct VSDs Limitations & Solutions
- Percutaneous Interventions During Pregnancy
- Percutaneous PVL Closure Techniques & Outcomes
- Percutaneous Therapy for MR
- Update on Percutaneous Aortic Valve Replacement: Time to Open the Flood Gates?
- 2011 PICS/AICS Achievement Achievement Award Presented To Horst Sievert, MD
- The Cases I Learn The Most From
- If I was Starting Now I Would... Contemplating the Question.
- 10 Tips for the Trainee
- The Perfect CV
- Why I Left The Cath Lab
- Intended Intervention Occlude Right High Flow Superior Segment PAVM
- Intended Intervention Edwards Sapien XT Transcatheter Heart Valve - 3D Guidance - Live Case
- Closure of the Silent PDA - Indicated or Not
- Transcatheter Tricuspid Valve Replacement
- Recommendations For Device Closure of MVSDs
- Intended Intervention Diagnostic Angio / First Intervention Occlude Left Lower Lobe - Live Case
- Intended Intervention PFO Closure using Gore Helex Septal Occluder Under GA and TEE Guidance - Live Case
- Pulmonary Valvuloplasty - Pulmonary Oedema Presentation
- Intended Intervention LAA Closure Using the Amplatzer Cardiac Plug - Live Case
- Transcatheter Alternatives in Sick Neonates With Coartation of the Aorta; Balloon Angioplasty vs Surgery for Native Coartation of the Aorta in Newborns
- and many more....

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- Catheter interventions from fetus to adult
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- Adults with congenital and acquired heart disease
- Cardiology and the imaging revolution

Congress Secretariat
Contact the congress secretariat or visit www.pccs2013.co.za
P.O Box 6761, Roggebaai, 8012, South Africa
Telephone: +27(0) 21 408 9796 Fax: +27(0) 21 408 9954
E-mail: info@pccs2013.co.za

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