

SA Heart Congress 2022

Provisional Scientific Programme as at 21 September 2022



FACE to FACE

THE CASE FOR HYBRID CARDIOLOGY

22nd Annual SA Heart® Congress 2022

Sandton Convention Centre
Johannesburg | South Africa

27-30
OCT



Abbreviation: (V) – Virtual

THURSDAY 27 OCTOBER	
WORKSHOP	CASSA ELECTROPHYSIOLOGY WORKSHOP
Venue	DISCOVERY FORUM, Ground Floor – Discovery Building, Sandton
09h30	Registration
Chairs	Adele Greyling, Jane Moses
10h25 – 12h30	Welcome – Adele Greyling (5 mins) Physiological pacing and Bi-Ventricular pacing – ‘thinking outside the box’ – George McDaniel (USA) (1 hour) Device Quiz – Human Nieuwenhuis and Philasande Mkoko (1 hour)
13h00 – 14h00	Lunch
14h00 – 16h30	SVTs – An update – Jane Moses (30 mins) Atrial arrhythmias in Paediatric and CHD – George McDaniel (USA) (1 hour) ECG Quiz - Ashley Chin, Rob Scott-Miller
16h30	Close

THURSDAY 27 OCTOBER	
Session 1	ECHO WORKSHOP – CISSA
07h00 – 08h30	Registration
Venue	Discovery - Auditorium 1, Ground Floor – Discovery Building, Sandton
Chair	Philip Herbst, Ruchika Meel
08h30 – 10h10	Welcome - Philip Herbst, Ruchika Meel (5 mins) How to accurately assess and report LV systolic function - Anders Barasa (Denmark) (25 mins) Echo assessment of the right ventricle - Blanche Cupido (25 mins) Echo assessment of regional wall abnormalities - Tsungai Chipamaunga (25 mins) Critical thinking to explain chamber morphologies - Philip Herbst (25 mins)
10h10 - 10h30	Refreshment Break
Session 2	
Chairs	Blanche Cupido, Ruchika Meel
10h30 – 12h35	Mitral valve regurgitation: severity assessment - Ruchika Meel (25 mins) Speckle tracking for LV function assessment in valvular heart disease – Pieter vd Bijl (25 mins) Morphologic assessment of the mitral valve for mitral valve repair – Philip Herbst (25 mins) Aortic Stenosis evaluation – Anders Barasa (Denmark) (25 mins) Tricuspid valve evaluation - Tsungai Chipamaunga (25 mins)
12h35 – 13h30	Lunch
Session 3	
Chairs	Farouk Mamdoo, Anton Doubell
13h30 – 15h10	Echo after stroke; where to look? – Farouk Mamdoo (25 mins) Assessment of severity of aortic regurgitation – tips and tricks – Ruchika Meel (25 mins) Evaluation of mitral stenosis for PMC – Anton Doubell (25 mins) Diastolic function assessment – Philip Herbst (25 mins) Q & A
15h10 – 15h40	Refreshment Break
Chairs	Blanche Cupido, Philip Herbst
15h40 – 16h55	Complex congenital heart disease – the morphological method – Blanche Cupido (25 mins) Infective endocarditis – Anton Doubell (25 mins) The use of contrast in echocardiography – Pieter vd Bijl (25 mins)
16h55	Close

THURSDAY 27 OCTOBER	
Session 1	PAEDIATRIC CARDIOLOGY WORKSHOP - - "HOW I DO IT: BASIC INTERVENTIONS FOR FELLOWS": DISCOVERY BUILDING, SANDTON
07h00 – 08h00	Registration
Venue	Discovery - Auditorium 2: DISCOVERY BUILDING, SANDTON
Chairs	Ebrahim Hoosen
08h00 – 10h00	Welcome (5 mins) Atrial septostomy – Mamaila Lebea (20 mins) PDA closure and management of PDA spasm – Rik de Decker (20 mins) ASD closure – Jayneel Joshi (20 mins) Balloon pulmonary valvuloplasty – Ebrahim Hoosen (20 mins) Balloon aortic valvuloplasty - Antoinette Cilliers (20 mins) Coarctation stenting - Jeff Harrisberg (20 mins)
10h00 – 10h30	Refreshment Break
Session 2	PREVENTING AND HANDLING COMPLICATIONS /CHALLENGING CASES
10h30 - 13h00	Preparing for trouble. Cath lab kit – Daniel Buys (20 mins) Case presentation – LPA stent - Ebrahim Hoosen (15 mins) Embolised devices – techniques for safe retrieval - Lindy Mitchell (20 mins) Case presentation : A ruptured balloon – Jeff Harrisberg (15 mins) Ruptured balloons: prevention and safe removal - Bharat Dalvi (India) (20 mins) (V) Closure of secundum ASDs – what are the limits? – Bharat Dalvi (India) (20 mins) (V) Case presentation – Managing a stab heart in the Cath lab – Jayneel Joshi (15 mins)
13h00 – 14h00	Lunch
Session 3	PUSHING THE INTERVENTIONAL ENVELOPE
14h00 – 15h30	Stent closure of sinus venosus ASD Introduction, preclinical studies and technique - Eric Rosenthal (UK) (20 mins) (V) CT vs MRI before and after stent closure – Phuoc Duong (20 mins) (V) TOE guidance during the procedure – Saleha Kabir (20 mins) (V) Stent closure of sinus venosus ASDs – technical modifications, borderline defects and world experience - Eric Rosenthal (UK) (20 mins) (V)
15h30 – 16h00	Refreshment Break
16h00 – 17h00	PDA closure in ELBW infants – starting a program - Shyam K. Sathanandam (UK) (30 mins) (V) Challenging cases: Retrieval of PDA devices in 2 patients – Vijay Mammen (15 mins) Case presentation: Embolised device - Daniel Buys

HeFSSA CARDIO UPDATE FOR NON-CARDIOLOGIST

10h00 – 10h50	Registration
Venue	Ballroom 2
Chairs	Eric Klug
11h00 – 13h00	<p>What I want you to know about GFR/Albuminuria; the cardiovascular implications and what to do about it – Diane Campbell (20 mins)</p> <p>How I want you to treat Type II DM through a cardiovascular lens – Sundeep Ruder (20 mins)</p> <p>How I think genetic investigations are relevant in your practice in 2022 – Lyndsay Lambie (20 mins)</p> <p>How I approach calcium, Vitamin D administration - my approach to bone care while considering the cardiovascular system – Stan Lipschitz (20 mins)</p>
13h00 -14h00	Lunch - Exhibition Hall
14h00 – 16h30	<p>What medications I would like you to think of stopping/reducing prior to elective surgery – Brian Levy (20 mins)</p> <p>How I want you to care for the elderly cardiovascular patient - pitfalls in diagnosis and therapy - Brent Tipping (20 mins)</p> <p>How I think you should interrogate an ECG in your practice – Andrew Thornton (20 mins)</p> <p>How I differentiate lung from heart dyspnoea and my evidence-based approach to inhaler therapy – Gunter Schleicher (20 mins)</p> <p>How I care for my heart failure patient – Eric Klug (20 mins)</p>
16h30	Industry Preview – Exhibition Hall

FRIDAY 28 OCTOBER	
SESSION 1	PAEDIATRIC CARDIOLOGY - RHYTHM SESSION
Venue	Boardroom 6/7
Chair	Adele Greyling, George McDaniel (USA)
09h00 -12h30 3.5 hours	<p>Covid 19 and the Heart - David Cloeck (SA) (20mins)</p> <p>ABSTRACT: Impact of COVID 19 on a Paediatric cardiac service - Thomas Aldersley (10 mins)</p> <p>Screening tools for arrhythmias - George McDaniel (USA) (20 mins)</p> <p>The role of EP in the surgical planning of the CHD patient - Adele Greyling (SA) (20 mins)</p> <p>Atrial arrhythmias – George McDaniel (USA) (20 mins)</p> <p>ECG Quiz – Adele Greyling, George McDaniel (USA) (1 hour)</p>
12h30	Lunch

FRIDAY 28 OCTOBER	
SESSION 1	CARDIO-VASCULAR WOMEN'S IMBIZO: SANDTON INTERNATIONAL CONVENTION CENTRE
Venue	Boardroom 3
Chair	Blanche Cupido, Ruchika Meel, Ana Mocumbi
10h00 – 12h00	<p>Why Women should do research - Liesl Zuhlke (SA) (20 mins)</p> <p>What a biostatistician can teach a clinician – lessons from Sisonke - Tarylee Reddy (SA) (20 mins)</p> <p>Effective workplace negotiation - getting what you want, with grace - Lisa Sonn (SA) (20 mins)</p> <p>Navigating the leadership space in Cardiology - lessons learnt from influential women</p> <ul style="list-style-type: none"> - Lorrита Kabwe (Zambia) (7 mins) - Shaune Rajoo (SA) (7 mins) - Tangeni Auala (Namibia) – 7 min (V) - Melanie Stahl (SA) (7 mins) <p>General Q and A (12 mins)</p>
12h30	Lunch
Venue	Ballroom 4 – Industry Symposium
11h30 – 12h30	<p>Lilly</p> <p>Addressing matters of the heart for your Type 2 Diabetes patients - Jean Vorster</p>
Venue	Boardroom 6/ 7 - Industry Symposium
12h30 – 13h25	Medtronic

FRIDAY 28 OCTOBER				
SESSION 1	Plenary Session			
Venue	Bill Gallagher			
Chair	Farouk Mamdoo			
13h30-14h30	<p>Welcome and Official Opening - Blanche Cupido - President SA Heart & Farouk Mamdoo - Congress Chair (7 mins)</p> <p>Keynote Speaker Introduction – Blanche Cupido (SA) (5 mins)</p> <p>Keynote: The Power of Social Networks, Social Dialogue, Organising & Leveraging Same to Thrive in the Construction of a New World - Mthunzi Mdwaba (30 mins, 10 mins Q & A)</p>			
FRIDAY 28 OCTOBER				
SESSION 2	ESC SESSION	SASCAR	ISCAP	PAEDIATRIC CARDIOLOGY
Venues	Bill Gallagher	Boardroom 3	Ballroom 4	Boardroom 6/7
Session Title	SA Heart/ ESC Joint Session	Abstract Presentation	ISCAP	Updates in Paediatric Cardiology
Chairs	Farrel Hellig/Jens Hitzeroth/Farouk Mamdoo, Anton Doubell/Sajidah Khan/ MR Essop/Rob Dyer / Tim Pennel (UCT) / Francis Smit (UFS) / Shungu Mogaladi	Barbara Huisamen		Hopewell Ntsinjane, Mamaila Lebea
14h30 – 16h00	<p>Revascularisation Guideline update and Hybrid revascularisation strategies - Julinda Mehilli (Germany) (30 mins, Q & A)</p> <p>My perspectives on HFpEF, the phenotypes, non-CV mortality impact and GDMT of the syndrome - John McMurray (20 mins) (UK)</p> <p>ABSTRACT: The role of invasive functional assessment in Coronary Artery Bypass Graft Surgery - Surendra Naidoo (5 mins)</p>	<p>ABSTRACTS</p> <p>Arterial stiffness is associated with oxidative stress and endothelial activation among persons with treated HIV in Zambia - Theresa Chikopela</p> <p>Vascular Dysfunction and Body Mass Index in African Adults with HIV - Longa Kaluba</p> <p>Vascular and cardiometabolic changes in people living with HIV: longitudinal data from the EndoAfrica study - Hans Strijdom</p>	<p>POPIA - Communicating Medical Information - Vicky Frazao (SA) (45 mins)</p> <p>Radiation-hazards, reduction techniques - Kooveshnie Govender (SA) (20 mins)</p> <p>Teamwork and communication in the Cath Lab - Don Pardechi ((SA) (20 mins)</p> <p>IVUS - image interpretation and benefits - Chris Zambakides (SA) (20 mins)</p>	<p>Update on cardiac failure management in paediatrics - John Lawrenson (SA) (30 mins)</p> <p>Update on percutaneous pulmonary valve replacement in South Africa - Daniel Buys (SA) (30 mins)</p> <p>Genetics update for the Paediatric Cardiologist - Rick de Decker (SA) (30 mins)</p>

FRIDAY 28 OCTOBER: Session 2 continued

SESSION 2	ESC SESSION	SASCAR	ISCAP	PAEDIATRIC CARDIOLOGY
	<p>ABSTRACT: Multi and Total Arterial Coronary Artery Revascularisation - an individualised approach - Surendra Naidoo (5 mins)</p> <p>Cardiovascular Management of Patients undergoing non- cardiac surgery - Julinda Mehilli (Germany) (30 mins)</p>	<p>Heterogeneous myocyte repolarization in the myocardial infarction border zone: implications for ventricular arrhythmias - Matthew Amoni</p> <p>Cardiovascular Risk in People Living With HIV: Is retinal microvascular geometric morphology a marker of effect? - Frans Everson</p> <p>Quantifying Parvo B19 viral counts in the myocardium of a South African cohort - comparing raw counts with normalized counts - Zesizwe Ngubane</p> <p>Ubiquinone (CoQ) ameliorates mitochondrial bioenergetics & apoptosis in an in vitro model of doxorubicin-induced cardiotoxicity - Sharnay Naidoo</p> <p>An evaluation of mitochondrial dynamics and mitophagy in an in vitro and in vivo model of obesity - Marguerite Blignaut</p> <p>Continued genetic analysis of a South African congenital heart disease cohort reveals further novel causes of disease - Timothy Spracklen</p> <p>7 mins & 3 mins Q & A per abstract presenter</p>		
16h00 – 16h30	Refreshment Break			

FRIDAY 28 OCTOBER: Session 2 continued

SESSION 2	ESC SESSION	SASCAR	ISCAP	PAEDIATRIC CARDIOLOGY
16h30 - 17h30	<p>Pulmonary Hypertension Guideline Update: - Marion Delcroix(V) (France) (30 mins)</p> <p>The role of pulmonary endarterectomy in pulmonary hypertension – Tim Pennel (SA) (30 mins)</p> <p>Q&A 10 mins</p>		<p>OCT - advantage and image interpretation - Jameel Moosa (20 mins)</p> <p>FFR/IFR - the value of/ interpreting results - Jameel Moosa (20 mins)</p> <p>CTO – Why? When? Antegrade vs Retrograde Collateral supply – Charles Kyriakakis ((SA) 30 mins)</p> <p>Shock wave for calcification, again with demo - Kerry Moir (SA) (20 mins)</p>	<p>A review of Congenital Heart Defects in children with Trisomy 21 over a 5-year period at Charlotte Maxeke Johannesburg Academic Hospital - Raeesa Mahomed (5 mins)</p> <p>A Prospective Study on Adherence to Secondary Prophylaxis for Rheumatic Fever using Benzathine Penicillin G in Mozambique - David Machava Moséstia (5 mins)</p> <p>Paediatric Cardiac Tumours- A Retrospective Study in a Tertiary Hospital - Delia Adzosii (5 mins)</p> <p>Outcome of the Ross /Ross-Konno procedure in low - middle income country: RCWMCH - Rodgers Manganyi (5 mins)</p> <p>Outcomes of right ventricular outflow tract stenting as a palliative procedure in tetralogy of Fallot patients - Jayneel Joshi (5 mins)</p> <p>Mid-term outcome of a decade of delayed total cavo-pulmonary connection completion strategy at Red Cross War Memorial Children's Hospital - Noel Swayi (5 mins)</p> <p>Percutaneous intervention for infantile scimitar syndrome - Ashaylan Vather (5 mins)</p>

				<p>Update on fetal interventions for congenital heart disease - Wayne Tworetzky (USA) (V) (30 mins)</p> <p>Update on childhood Hypertension (Childhood Hypertension Consortium of South Africa (CHCSA): Paediatric hypertension in South Africa: A call to action - Benedicta Nkeh-Chungag (20mins)</p> <p>Lifecourse determinants of cardiovascular risk in children and adolescents - Shane Norris (20mins)</p> <p>Challenges and priorities to improve cardiovascular health in children - Ruan Kruger (20mins)</p> <p>ABSTRACT The outcome of surgical repair of Tetralogy of Fallot in KwaZulu-Natal, South Africa - Davidzo Murigo-Shumba (5 mins)</p>
17h30	Afternoon Refreshments & Industry Preview – Exhibition Hall, Level 2			
	Networking Evening Venue: Exhibition Hall		PCSSA – AGM meeting Venue: Boardroom 3	

SATURDAY 29 OCTOBER										
Venue:	Ballroom 2 - Industry Symposium		Ballroom 4 - Industry Symposium							
Chair			Blanche Cupido							
07h30 –08h30	Servier Is there a silver bullet solution for the management of cardio-metabolic patients? - Marshall Heradien (SA)		Sanofi South Africa LDLc - How low should you go? - Anthony Dalby (SA)							
SESSION 3	JOINT SESSION – SASCI, ESC, CISSA	THE HYBRID CARDIO-ONCOLOGIST	CARDIOLOGY AND SPORTS MEDICINE	ABSTRACTS	PAEDIATRIC CARDIOLOGY					
Venue	Bill Gallagher		Ballroom 2		Boardroom 3	Ballroom 4	Boardroom 6/7			
Session Title	Interventions for Aortic Valve Disease		The Hybrid Cardio-Oncologist		Cardiology And Sports Medicine		Abstracts Presentations	Complex Cases: How do we approach them?		
Chairs	Hellmuth Weich, Jens Hitzeroth, Farrel Hellig, Jacques Scherman, Francis Smit		Y Trishun Singh Sylvia Rodrigues		John Benjamin, Lervasin Pillay		David Jankelow	Darshan Reddy, Andre Brooks, Jeff Harrisberg, John Lawrenson		
08h30 – 10h30	<p>TAVR Update – Low – Intermediate Risk - Hellmuth Weich (SA) (15 mins)</p> <p>Concepts in the development of durable bioprosthetic valves – Francis Smit (SA) (15 mins)</p> <p>Minimally invasive SAVR in the current era of aortic valve therapies - Jacques Scherman (15 mins)</p>		<p>Part 1: New 2022 ESC Cardio Oncology Guidelines - Alexander Lyon (UK) (20 mins, 5 mins Q & A) (V)</p> <p>Part 2: New 2022 ESC Cardio Oncology Guidelines - Alexander Lyon (UK) (20 min, 5 mins Q & A) (V)</p> <p>Early detection of Cancer therapy-related disease - Farouk Mookaddam (USA) (20 mins) (V) Q & A (5 mins)</p> <p>Cancer and the Heart: Shared Risk - Farouk Mookaddam (USA) (20 mins, 5 mins Q & A) (V)</p>		<p>Session 1: How to differentiate : Normal/Athletes heart; Athletes Heart and Mild HOCM; Athletes Heart/Mild DCMO (30 mins) John Benjamin (SA)</p> <p>Session 2: Athletes heart with: Arrhythmogenic right ventricular dysplasia; Ventricular non-compaction; Latest ESC competing guidelines with interesting cases (genetics and ICD) (30 mins) John Benjamin (SA)</p> <p>Session 3: A sports physicians approach to Sports Cardiology (30 mins) Lervasin Pillay (30 mins)</p>		<p>Hypertension does not influence aortic stenosis severity assessment using mean transvalvular gradient - Jacques Liebenberg</p> <p>SHARE-TAVI national registry 5-year outcomes, and the influence of malignancy and frailty on late outcomes - Elizabeth Shaafsma</p> <p>Early outcomes following Mitral and Aortic valve repair for rheumatic heart disease in Kwazulu Natal - Surendra Naidoo</p> <p>Elevated blood pressure levels in sub-Saharan Africa: a systematic review – Alexander Chen</p>		<p>Introduction to the session – Darshan Reddy (10 mins)</p> <p>Pulmonary atresia with intact ventricular septum – Panel discussion (20 mins)</p> <p>Complex interventricular shunt – Jeff Harrisberg (20 mins)</p> <p>Dilated cardiomyopathy – two interesting case presentations –Mamaila Lebea (SA) (15 mins)</p> <p>Unusual case of Kawasaki Disease - Jane Pilusa (SA) (15 mins)</p> <p>Non cardiac interventions in the Cath lab – Rik de Decker (20 mins)</p>	

SATURDAY 29 OCTOBER: Session 3 continued

SESSION 3	TITLE INTERVENTIONS FOR AORTIC VALVE DISEASE	THE HYBRID CARDIO-ONCOLOGIST	CARDIOLOGY AND SPORTS MEDICINE	ABSTRACTS	PAEDIATRIC CARDIOLOGY
Venue	Bill Gallagher	Ballroom 2	Boardroom 3	Ballroom 4	Boardroom 6/7
08h30 – 10h30	<p>SAVR Update – Tissue valves, gradients and minimally invasive techniques – An update - Jacques Sherman (15 Mins)</p> <p>TAVR in AR and bicuspid valves – ESC - Didier Tchetché (France) (20 mins) (V)</p> <p>ABSTRACT: Aortic valve replacement with aortic root enlargement should be done more frequently for future valve in valve transcatheter aortic valve implantation - Surendra Naidoo (7mins, 3 mins Q & A)</p> <p>TAVR In other valve positions – evidence and techniques – Ralf Birkemeyer (Germany) (20 mins)</p> <p>Live in a box case Multi-vessel PCI and aortic valve replacement – Ahmed Vachiat (SA) (20 mins)</p>	<p>Radiation and its effects on the cardiovascular system - Alicia Sherriff (SA) (20 mins) (V)</p>	<p>The growing threat of Hypertension in Africa - Simon Stewart (Australia) (20 mins)</p> <p>PEN Plus Partnership: An opportunity to/for Advance Heart Failure Management in Africa - Ana Mocumbi (Mozambique) (20 mins)</p> <p>Towards Rheumatic Heart Disease Eradication: An old fight with new weapons - Antoinette Cilliers (SA) (20 mins)</p>	<p>Elevated blood pressure levels among adolescents in sub-Saharan Africa: a systematic review and meta-analysis - Alexander Chen</p> <p>Pacing in rural South Africa – Mmuso Mogwera</p> <p>Assessment of Vascular Stiffness and Relation to Cardiovascular Risk Factors in Patients with SLE – Moataz Taha Mahmoud</p> <p>Subclinical Left Ventricular Dysfunction in Patients with Active Systemic Lupus Erythematosus - A Speckle Tracking Echocardiography Study with Follow-up – Moataz Taha Mahmoud</p> <p>Six-month hospitalisation rate and associated factors in stable heart failure patients at a tertiary hospital in Botswana -Vincent Ikageng Dipatane</p> <p>Diagnostic value of cardiovascular magnetic resonance in acute peripartum cardiomyopathy (PPCM) - Julian Hoevelmann</p> <p>7 mins & 3 mins Q & A per presenter</p>	<p>Ebstein’s anomaly in the neonate – Panel discussion (20 mins)</p> <p>Late presenting CHD in the developing world – Panel discussion (20 mins)</p> <p>Discussion (10 mins)</p>
10h30 – 11h00	Refreshments& Industry Preview – Exhibition Hall / EPOSTER PRESENTATIONS				

SATURDAY 29 OCTOBER					
SESSION 4	MITRAL AND TRICUSPID VALVE	THE HYBRID CARDIOMETABOLIC FORUM	SASCAR	THE HYBRID CARDIO-LIPIDOLOGIST	PAEDIATRIC CARDIOLOGY
Venue	Bill Gallagher	Ballroom 2	Boardroom 3	Ballroom 4	Boardroom 6/7
Session Title	Mitral and Tricuspid Valve	The Hybrid Cardiometabolic Forum	Phyto-medicine for cardiometabolic health	The Hybrid Cardio-Lipidologist	Abstract session
Chairs	Ruchika Meel, Victoria Delgado, Sajidah Khan, Jacques Scherman, Mandhir Munasur	Nqoba Tsabedze, Eric Klug, Martin Mpe, John McMurray, Tim Pennel	Neil Davies, Hans Strijd om	Derick Raal, Dirk Blom, David Marais	Andre Brooks, Lindy Mitchell
11h00 – 13h00	<p>Multi-modality imaging assessment of mitral regurgitation prior to repair or replacement – Ruchika Meel (15 min)</p> <p>Assessment and management of secondary mitral regurgitation - Victoria Delgado (Netherlands) (V) (20 mins)</p> <p>Comparison of different thrombolytic treatment for prosthetic mechanical valve thrombosis: the experience of Salam Centre for Cardiac Surgery - Franco Masini (5 mins)</p> <p>Efficacy and safety of Aspirin and Warfarin association for the prevention of thromboembolism in mechanical heart valve patients: the experience of Salam Centre for Cardiac Surgery - Franco Masini (5 mins)</p>	<p>New Heart Failure therapies – HeFSSA/ ESC joint session - John McMurray (UK) (20mins)</p> <p>Diabetes and Heart Failure – Endocrinologist perspective (Panel Discussion - John McMurray (UK)</p> <p>Do Endocrinologists and Cardiologists Differ in Approach? - Zaheer Bayat (SA) (20mins)</p> <p>Heart Failure and Renal Failure – Nephrologist (What a Cardiologist Needs to Know) - Kevin Damman(V) (Netherlands) (15 mins, 5 mins Q & A)</p> <p>Mechanical circulatory support and transplantation (Panel Discussion) Barriers and opportunities in South Africa - Tim Pennel (SA), Martin Sussman (SA) (20mins)</p> <p>When to Use Novel Second line heart failure therapy: (review of the evidence) - Ntobeko Ntusi (SA) (20mins)</p> <p>Heart Failure with Preserved Ejection Fraction – Future Perspectives - John McMurray (UK) (20mins)</p>	<p>Buchu (Agathosma) in Health and disease – Barbara Huisamen (30 mins)</p> <p>Potential of Natural Products to improve Cardiovascular Health: Evidence and Mechanisms - Valérie Schini-Kerth (France)(30 mins (V)</p> <p>Rooibos flavonoid consumption and benefits to cardiometabolic health - Jeanine Marnewick (SA) (30 mins) (V)</p>	<p>Opening – David Marais, Derick Raal, Dirk Blom (SA) (5 mins each)</p> <p>Hyper TG and remnants and newer therapies - Dirk Blom (SA) (15 mins)</p> <p>Lipoprotein electrophoresis in clinical practice – David Marais (SA) (15 mins)</p> <p>Keto and Banting Diets – David Marais (SA) (15 mins)</p> <p>Novel agents and therapeutic problems - Derick Raal (SA) (15 mins)</p> <p>Q&A and Close (10 mins)</p>	

SATURDAY 29 OCTOBER: Session 4 Continued					
SESSION 4	MITRAL AND TRICUSPID VALVE	THE HYBRID CARDIOMETABOLIC FORUM	SASCAR	THE HYBRID CARDIO-LIPIDOLOGIST	PAEDIATRIC
11h00 – 13h00	<p>Surgical approach to functional mitral regurgitation - Jacques Scherman (15mins)</p> <p>TMVR – Novel Therapy techniques – interventional - Ralf Stephan Von Bardeleben (Germany) (15 mins) (V)</p> <p>ABSTRACT: Percutaneous balloon mitral valvuloplasty BMV in 'unsuitable' mitral valves - lessons learnt in pregnant patients - Tsungai Chipamaunga (5 mins)</p> <p>MV Stenosis - Repairing Rheumatic mitral valves - Suren Naidoo (15 mins)</p> <p>Imaging the Tricuspid Valve – Alfonso Pecoraro (15 mins)</p> <p>Underlying Rheumatic Disease: An Important Determinant of Outcome in Tricuspid Valve Repair – Mandhir Munasur (SA) (15mins)</p>	<p>Cardiovascular Risk Differs by Abnormal Glucose Tolerance Etiology: β-cell Failure or Insulin Resistance - Insights from the Africans in America Study – Annemarie Wentzel</p>			
13h00 – 14h00	Lunch – Exhibition Hall				

SATURDAY 29 OCTOBER

SESSION 5	SASCI/DEBATES/ESC JOINT SESSION	THE HYBRID CARDIO-INTENSIVIST	DIGITAL CARDIOLOGY	CASSA/ESC JOINT SESSION	PAEDIATRIC CARDIOLOGY
Venue	Bill Gallagher	Ballroom 2	Boardroom 3	Ballroom 4	Boardroom 6/7
Session Title	SASCI/DEBATES/ESC JOINT SESSION	THE HYBRID CARDIO-INTENSIVIST	Artificial intelligence - the next frontier	CASSA/ESC JOINT SESSION	Transposition of the great arteries (TGA)
Chair	Jens Hitzeroth, Hellmuth Weich, Sajidah Khan, Martin Sussman	Fathima Paruk (SA), Zaid Moosa	Alan Fraser (V), David Jankelow, Tshilidzi Marwala, M Rath	Adele Greyling, Jane Moses	Darshan Reddy, Ebrahim Hoosen
14h00 – 15h30	<p>CABG vs PCI debate for left main and multi-vessel disease - Julinda Mehilli (Germany) (20 mins)</p> <p>CABG vs PCI: A surgeon's perspective – Tim Pennel (SA) (20 mins)</p> <p>ABSTRACT: No-touch saphenous vein harvesting - Advancing the workhorse - Surendra Naidoo (7mins, 3 mins Q & A)</p> <p>CABG and PCI – Hybrid approaches: - Julinda Mehilli (Germany) (20 mins)</p> <p>Calcium Cracking – What's the technique and evidence? – Ralf Birkemeyer (Germany) (20 mins)</p>	<p>Focused approach to shock – Shahed Omar (SA) (20 mins)</p> <p>Arrhythmias and vasopressors in the cardiac unit – Ruan Louw (SA) (20mins)</p> <p>Surgical Sepsis – New paradigms - Fathima Paruk (SA) (20 mins)</p> <p>Focused echo for the non-cardiac critically ill – Francois Botha (SA) (20 mins)</p> <p>Fluid stewardship with extracorporeal circuits – - Sooraj Motilall (SA) (20mins)</p>	<p>What is AI? Tshilidzi Marwala (20 mins)</p> <p>Will AI change the way we practice cardiology? – Alan Fraser (20 mins) (V)</p> <p>ABSTRACT: Predicting in-hospital all-cause mortality in heart failure patients in Johannesburg using machine learning - Dineo Mpanya (7mins, 3 mins Q & A)</p> <p>AI for the ECG - Zachia Attia (USA) (15 mins)</p> <p>AI for Echo and Nuclear Cardiology - Theodore Abraham (USA) (V) (15 mins)</p> <p>Can confidentiality and data ownership be kept in the AI/digital era? – Ami Bhatt (USA) (V) (15 mins)</p>	<p>Welcome Adele Greyling (SA) (5 mins)</p> <p>Atrial Fibrillation Guidelines- -Gerard Hindriks (Germany) (25 mins) (V)</p> <p>Patient selection for Atrial Fibrillation treatment strategies – Andrew Thornton (SA) (30 mins)</p> <p>ICDs in non-ischaemic cardiomyopathy - John McMurray (UK) (30 mins)</p>	<p>Introduction to the session – Darshan Reddy (SA) (5 mins)</p> <p>The anatomy and morphology of TGA – Diane Spicer (USA) (20 mins)</p> <p>Foetal imaging for the cardiac surgeon in TGA - Joanna Dangel (Poland) (20 mins) (V)</p> <p>Pre-operative imaging in TGA – Kuberan Pushparajah (UK) (20 mins) (V)</p> <p>Pre-operative physiology: How the blood flows in TGA – Gil Wernovsky (USA) (20 mins) (V)</p>
15h30 – 16h00	Refreshment Break				

SATURDAY 29 OCTOBER: Session 5 Continued

SESSION 5	SASCI/DEBATES/ESC JOINT SESSION	THE HYBRID CARDIO-INTENSIVIST	DIGITAL CARDIOLOGY	CASSA/ESC JOINT SESSION	PAEDIATRIC CARDIOLOGY
Venue	Bill Gallagher	Ballroom 2	Boardroom 3	Ballroom 4	Boardroom 6/7
16h00 – 17h00	<p>CTO's – Who, How, When Why? - ESC: Carlo Di Mario (Italy)(20 mins) (V))</p> <p>Lesion assessment – OCT and IVUS. Tools and evidence – Ralf Birkemeyer (Germany) (20 mins)</p> <p>ABSTRACT: The incidence and outcomes of high-risk acute coronary syndromes in the Western Cape Province of South Africa: a prospective cohort study - Jacob Daniel Cilliers (7mins, 3 mins Q & A)</p> <p>STEMI SA – Update - Ahmed Vachiat (SA) (20 mins)</p> <p>Q & A (20 mins)</p>	<p>Bridging the gap with Telemedicine – Charite experience of Tele-ICU – Bjorn Weiss (20 mins) (V)</p> <p>TAVI -guidelines/procedure - Carmen November (SA) (15 mins)</p> <p>PACEMAKER - Single chamber, dual, Bi-ventricular? Why and how to choose - Human Nieuwenhuis (SA) 15 mins)</p> <p>AGM MEETING FOR ISCAP & ALLIEDS</p>	<p>A glimpse into the journey of our cardiac patient in 2025. The best is yet to come – Paul Friedman (USA) (V) (20 mins)</p> <p>16h30: Live Panel Discussion</p>	<p>Sub-clinical / device detection Atrial Fibrillation – ESC Speaker TBC (30 mins) (V)</p> <p>LAA occlusion at the time of cardiac surgery, indications and techniques – Larry Rampini (20 mins)</p> <p>Q&A (10 mins)</p>	<p>The neonatal arterial switch – keeping it simple – Darshan Reddy (20 mins)</p> <p>Post operative care of the arterial switch – Gil Wernovsky (USA) (20 mins) (V)</p> <p>Delayed presentation of TGA in South Africa – Erich Schurmann (SA) (20 mins)</p> <p>A surgical strategy for TGA-VSD-LVOTO – Andre Brooks (SA) (20 mins)</p> <p>Discussion (15 mins)</p>
17h00	Refreshments & Industry Preview – Exhibition Hall				
17h15 – 18h30	SA Heart AGM Venue: Bill Gallagher Room				
	Faculty Dinner				

SUNDAY 30 OCTOBER				
Venue	Boardroom 3 - Industry Symposium			
07h30 – 08h30	Boehringer-Ingelheim Topic: Heart Failure Continuum: Empagliflozin in the Acute HF Setting - Jens Hitzeroth, Martin Mpe			
SESSION 6	INFECTIOUS DISEASE AND THE HEART	THE HYBRID CARDIO-HAEMATOLOGIST	THE BUSINESS OF MEDICINE	CARDIOLOGY FELLOWS WORKSHOP HOD AND FELLOWS
Venue	Bill Gallagher	Ballroom 2	Boardroom 3	Ballroom 4
Chairs	Ruchika Meel, Mandhir Munasur, Ntobeko Ntusi	Riaz Dawood	David Jankelow	Mpiko Ntsekhe, Sajidah Khan
08h30 – 10h30	<p>Infectious Disease and the Heart – Infective endocarditis of native valves: Current trends - Alfonso Pecoraro (SA) (20mins)</p> <p>ABSTRACT: Characteristics and outcomes of infective endocarditis in South Africa: A retrospective cohort study - Simon Poerstamper (5 mins)</p> <p>ABSTRACT: The modified Duke/European Society of Cardiology 2015 clinical criteria for infective endocarditis: Time for an update? - Alfonso Pecoraro (5 mins)</p> <p>Infective endocarditis in people who use intravenous drugs: Diagnostic and management challenges - Ruchika Meel (SA) (20 mins)</p> <p>Myocardial infarcts and heart failure in people living with HIV - Markella V. Zanni (USA) (V) (20 mins)</p>	<p>Getting sticky with it – guidelines for anticoagulation in challenging scenarios –Thomas Lüscher (UK) (20 mins) (V)</p> <p>High bleeding risk - ESC Davide Capodanno (Italy) (V) (30 mins)</p> <p>Anticoagulation and PCI in patients with atrial fibrillation – Thomas Lüscher (UK) (20 mins) (V)</p> <p>Dual pathway inhibition in cardiovascular disease – The Atlas, The Compass and The Voyager - Riaz Dawood (SA) (30 mins)</p> <p>The high bleeding risk patient – Should we modify the stent or the anti-thrombotic regime? What the future holds. Azfar Zaman (20 mins) (V)</p> <p>Factor XI Inhibitors – New kids on the block with a bunch of hits – Speaker TBC (USA) (V)</p>	<p>Common coding for cardiologists and the rules around these – David Jankelow</p> <p>Headwinds and tailwinds in SA healthcare: Are you practicing recklessly or maximizing your opportunities? – Maurice Goodman</p> <p>Practical advice to clinicians from the Discovery audit division - Marius Smit</p> <p>Practice in a box: legal & ethical considerations - Elsabie Klinck</p> <p>Have been approached re a talk “future proof your practice” - Speaker TBC</p> <p>Q&A</p>	<p>Rapid Fire - haemodynamic assessments in the Cath Lab – Speaker TBC (15 mins)</p> <p>Rapid fire – ECGS – Speaker TBC (15 mins)</p> <p>Rapid fire – Echocardiograms – Speaker TBC (15 mins)</p> <p>Managing Cath lab complications – Oops, I can’t do it again! – Speaker TBC (15 mins)</p> <p>Case Presentations: Clinical conundrums – Speaker TBC (15 mins)</p> <p>Congenital and GUCH Quiz - Paediatric – John Lawrenson (SA) (45 mins)</p> <p>Used 2 hours (2 hour session)</p>

SUNDAY 30 OCTOBER: Session 6 Continued				
SESSION 6	INFECTIOUS DISEASE AND THE HEART	THE HYBRID CARDIO-HAEMATOLOGIST	PRIVATE PRACTICE	CARDIOLOGY FELLOWS WORKSHOP – HOD AND FELLOWS
08h30 – 10h30	<p>ABSTRACT: Altered cardiac structure and function in newly diagnosed persons living with HIV: A prospective cardiovascular magnetic resonance study after ART initiation -Pieter-Paul Robbertse (5 mins)</p> <p>ABSTRACT: Evolution of myocardial oedema and fibrosis in HIV infected persons after the initiation of antiretroviral therapy: A prospective cardiovascular magnetic resonance study - Pieter-Paul Robbertse (5 mins)</p> <p>Infectious Disease and the Heart – TB Pericarditis - Ebrahim Variava (SA) (20 mins)</p> <p>Acute Rheumatic fever: On fire, smouldering or dead? - Antoinette Cilliers (SA) (20 mins)</p> <p>Used 2 hours (2-hour session)</p>			
10h30 – 11h00	Refreshment – Exhibition Hall			

SUNDAY 30 OCTOBER	
Session 7	ETHICS
Venue	Bill Gallagher
Chairs	Farouk Mamdoo, Blanche Cupido, Trevor Carmichael
11h00 – 12h00	<p>Futility – Trevor Carmichael (20 mins)</p> <p>POPI Act – Robyn Hey (20 mins) (V)</p> <p>Negligence vs Culpability – Joseph Shaw (SA) (20 mins)</p>
12h00	Awards, close and thanks

