

SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Monday, 30 July**



THURSDAY 4 OCTOBER	
	Registration
PLENARY SESSION 1	Opening Function & Guest Lecture CHAIR: Iftikhar Ebrahim
VENUE	KINGS BALLROOM 2
18h15 – 19h45	Opening & Welcome (10 mins each) – Professor Liesl Zühlke – President SA Heart – Professor Jeroen Bax – ESC President – Dr Iftikhar Ebrahim – SA Heart 2018 Congress Chair What does the future hold / Trends in medicine – Graeme Codrington (60 mins) Close - Iftikhar Ebrahim
20h00	Welcome & Trade Preview – Superbowl

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FRIDAY 5 OCTOBER		
07h30 – 08h15	Crossroads Sunrise Breakfast Symposium A 360° Approach to Structural Heart Diseases Throughout Life!	Seers Court 1
	Welcome What evidence is in favor of LAA & PFO closure for stroke prevention among patients at risk? (14 mins) The use of MitraClip to improve HF + functional MR symptoms: current perspectives (14 mins) Hemodynamics matter! Tools to evaluate Surgical valves performance (15 mins) Closing	
07h30 – 08h15	Sunrise Breakfast Symposium	Seers Court 2
PLENARY SESSION 2	The Future of Medicine	CHAIRS: Iftikhar Ebrahim, David Jankelow & Robbie Kleinloog
VENUE	KINGS BALLROOM 2	
08h30 – 10h30	What does the future hold: What will be disruptive in Interventional Cardiology? – Azeem Latib (Italy) (20 mins) What does the future hold: What will be disruptive in Cardiothoracic Surgery? – Lars Svensson (USA) (20 mins) Cardiovascular risk estimation- a look at the future – Ian Graham (Ireland) (20 mins) The future of cardiovascular medicine lies in personalised medicine and genetic screening – (20 mins) Imaging in Cardiovascular Disease: What does the future hold? – Alfonso Pecoraro (20 mins) Outcomes of the MOMENTUM 3 HeartMate 3 LVAD: A paradigm shift for heart failure? – Mandeep Mehra (USA) (20 mins)	
09h30 – 10h30	PCSSA AGM	Monomotapa Room
10h30 – 11h00	Refreshments - Superbowl	
10h30 – 11h00	SA Heart – ESC leadership meeting	Lupata Room

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PARALLEL SESSION 1

VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN	LUPATA
	TAVI Live Case Broadcast	PAEDIATRICS Managing Tetralogy of Fallot in 2018	ALLIED/ STEMI STEMI Care in SA	SASCAR / HEFSSA	ABSTRACT SESSION	PERFUSIONIST SESSION
CHAIR	Jean Vorster Jacques Scherman William Wijns	Jayneel Joshi Erich Schurmann	Keri Meyer Adriaan Snyders	Martin Mpe Neil Davies Andrew Chapman	Andrew Sarkin	
11h00 – 13h00	11h00 – 12h30 Live Case Topic: TAVI 12h30 – 13h00 – Who to TAVR? – Azeem Latib (Italy) (15 mins) Who not to TAVR? – Lars Svensson (USA) (15 min)	The spectrum of Tetralogy – Lindy Mitchell (20 mins) Growing small Pulmonary arteries • Surgical strategies – David Barron (UK) (20 mins) • Catheter interventions – Marc Gewillig (Belgium) (20 mins) Swiss cheese VSDs in Tetralogy of Fallot – the silent assassin – Erich Schurmann (20 mins)	Session welcome, introduction, review of learning objectives – Keri Meyer (5 mins) STEMI CARE in SA – What's the fuss about? – Adriaan Snyders (15 mins) (10 min talk + 5 min case) Diagnosing an MI: key tips and tricks – Ahmed Vachiat My patient has an MI. Now what? – Keri Meyer The role of technology in managing MIs – Rhena Delpoit Creating a treatment network – Alfonso Pecoraro Conclusion and wrap up – Adriaan Snyders & Keri Meyer (10 mins)	PCSK9, LDL hypercholesterolaemia and therapeutic approaches – Frederick Raal (20 mins) Risk stratification in patients with type 2 myocardial infarction or myocardial injury – Andrew Chapman (UK) (20 mins) What does the future hold for Lipid therapy; LDL receptor disruptors, Inclisiran – Frederick Raal (20 mins) Iron replacement therapeutic target in heart failure treatment – Marc Petrie (Scotland) (20 mins) New therapies in heart failure – Mandeep Mehra (USA) (20 mins) Cardiac Troponin, chronic stress and cardiovascular risk – Leone Malan (20 mins)		
	Discussion	Panel discussion (20 mins)				
13h00 – 14h00	SASCAR AGM				Monomotapa Room	
13h00 – 14h00	Lunch & Refreshments - Superbowl				Poster Judging – Abstract Café	

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FRIDAY 5 OCTOBER						
PARALLEL SESSION 2						
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN	LUPATA
	ESC SESSION	PAEDIATRICS Pulmonary valve replacement: "When do I get my valve?"	CASSA & ALLIED	ADULT CARDIOLOGY Abstract Session	SURGICAL Cardiothoracic Surgical Society Forum	STEMI SESSION
CHAIR	Iftikhar Ebrahim Ian Graham	Stephen Brown Andre Brooks	Marclyn Govender	Andrew Sarkin	Gil Bolotin Robbie Kleinloog Carlos Mestres	Adriaan Snyders
14h00 – 15h30	Latest ESC Guidelines on Hypertension – Ian Graham (Ireland) (15 mins) Latest data on RDN. What are the clinical implications (20 mins) Non-adherence and Patient considerations in Hyper Tension Management – Martin Mpe (10 mins) Advances in Renal Denervation procedure (15 mins) Renal Denervation: What does the future hold (20mins)	Imaging of the RVOT: when has the RV had enough? – Blanche Cupido (25 mins) The Surgical timing – David Barron (UK) (25 mins) The Interventional timing (PPVI) – Marc Gewillig (Belgium) (25 mins)	Prospective cohort study comparing blended learning with lecture-based training in electrocardiography – Charle Viljoen (7 mins & 3 mins questions) Interpretation of ECGs at a glance - the basics – Ashley Chin (20 mins) ECG interpretation - case based presentation – Ronnie Jardine (20 mins) Pacemaker/ICD tracings - case based presentation – Andrew Thornton (20 mins) How to prepare your patient and theatre to reduce the risk of pacemaker-associated infections – Ruan Louw (20 mins)		7 mins presentation and 3 mins questions Perspectives on Lung Cancer treatment in the Developing World – Tony Linegar Heart Valve surgery in Central South Africa – Francis Smit The Surgical treatment of Infective endocarditis – Carlos Mestres (Switzerland) TAVR in Rheumatic Heart Disease- Where are we? – Jacques Scherman Surgical treatment of Aorta stenosis in the elderly – an African perspective – Robbie Kleinloog Emboli and Cognitive state after TAVI in the elderly – Gil Bolotin (Israel)	STEMI interventions including myocardial infarction networks (20 mins) Reducing your ischemic time in 95 million people (20 mins) What do you need to reduce ischemic time in South Africa – Adriaan Snyders (20 mins) How to optimise STEMI treatment in public health (20 mins)

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					Perspectives on Cardiac Surgery and Interventions in the elderly - Carlos Mestres (Switzerland) Reflexions on Left ventricle reconstruction or Dor procedure - Gil Bolotin (Israel) The impact of science on Interventions for coronary artery disease - Lars Svensson (USA)	
	Discussion (10 mins)	Panel discussion (15 mins)				Discussion (10 mins)
15h30 – 16h00	Refreshments					

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FRIDAY 5 OCTOBER						
PARALLEL SESSION 3						
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN	LUPATA
	Adult Congenital	PAEDIATRICS The future of Fontan	SASCAR	CASSA	SURGICAL Adult Cardiac Surgery	What does the Future hold for Chronic Total Occlusions
CHAIR	Blanche Cupido Darshen Reddy	Hopewell Ntsinjana Viljee Jonker	Rhena Delport Frederic Michel	TBC	Carlos Mestres Gil Bolotin	
16h00 – 17h30	The pearls, challenges and caveats of cardiac imaging in GUCH – Ferande Peters (20 mins) What do we do with Adult PAPVD? – Erich Schurmann (20 mins) An approach to Ebstein anomaly in adulthood – Kenny Govendragaloo (20 mins) A life-cycle perspective on congenital heart disease: What happens beyond your clinic? – Philip Moons (Belgium) (20 mins)	Fontan pathophysiology – Antoinette Cilliers (25 mins) The Fontan evolution – David Barron (UK) (25 mins) Treatment of Fontan complications – Marc Gewillig (Belgium) (25 mins)	Identification of potential biomarkers for predicting the early onset of diabetic cardiomyopathy – Rabia Johnson (20 mins)	Regional heterogeneity during beta adrenergic stimulation underlie the ventricular arrhythmia triggers and substrate after myocardial infarction – Matthew Amoni (7 mins & 3 mins questions) How to manage an infected pacemaker (20 mins) Pacemaker implantation troubleshooting – Ashley Chin (20 mins) CRT implantation tips and tricks – Iftikhar Ebrahim (20 mins) Pace and ablate - when should AV node ablation be considered in the era of AF ablation? – Ruan Louw (20 mins)	Arch Surgery with elephant Trunk technique – Lars Svensson (USA) (20mins) Minimally Invasive Cardiac Surgery – Jacques Scherman (15 mins) Coronary Surgery - On vs. Off Pump – Martin Sussman (15 mins) Venous Sleeves - as good as Arterial Conduits? (20 mins) Aortic Valve Repair/Root Replacement – Lars Svensson (USA) (20 mins)	What does the current evidence show regarding CTO's? (15 mins) Tips and Tricks (20 mins) Where a CTO saved a live – Andrew Sarking (30 mins) A case-based approach to CTO (25 mins)
	Discussion (10 mins)	Discussion (15 mins)	Discussion (10 mins)	Discussion		
17h30 – 19h30	SA Heart AGM					
20h00	Faculty Dinner					

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SATURDAY 6 OCTOBER		
07h15 – 08h15	ESC Satellite Session	Seers Court 1
07h15 – 08h15	Novartis Sunrise Breakfast Symposium	Seers Court 2
	Heart Failure Hospitalisation: An opportunity to reset chronic therapy with Entresto? – Mark Petrie (Scotland)	
08h30 – 09h30	CASSA AGM	Monomotapa Room
PLENARY SESSION 3	Mankind's most Lethal Appendage	What does the Future hold?
CHAIR:	Ralf Birkemeyer Ian Graham	Liesl Zuhlke Francis Smit
VENUE	KINGS BALLROOM 2	KINGS BALLROOM 1
08:30 – 10:30	Function of the LA Appendage – Farouk Mamdoo (20 mins) Using Left Atrial Echocardiography to predict therapy outcome – Vuyisile Nkomo (USA) (20 mins) Mass Screening for atrial fibrillation: What is the future of digital health in cardiology? – Ralf Birkemeyer (Germany) (20 mins) Persistent AF ablation case – Ruan Louw (20 mins) To ablate or not? Debate – Farouk Mamdoo & Ruan Louw (15 mins each) Discussion and Consensus (10 mins)	Why do we need Artificial intelligence in Cardiology? – David Jankelow (20 mins) What can big data teach the cardiology community – William Wijns (Ireland) (20 mins) The future of cardiology and cardiac surgery. The top 10 technologies to watch – Mandeep Mehra (USA) (20 mins) Structural Heart Interventions – A new paradigm – Charanjit Rihal (USA) (20 mins) Future technologies and structural heart interventions – Surgical perspective – Lars Svensson (USA) (20 mins) Discussion and Consensus (20 mins)
10h30 – 11h00	Refreshments - Superbowl	

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SATURDAY 6 OCTOBER

PARALLEL SESSION 4

VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN	LUPATA
	HeFSSA Future of Device Therapy in Mitral Incompetence	PAEDIATRICS The Borderline LV	Acute Cardiac Care	SASCI Complications	Surgical Cardio Thoracic Research	PERFUSIONIST SESSION
CHAIR	Charanjit Rihal Resham Baruah	Antoinette Cilliers Hendrik Mamorare Susan Vosloo	Adriaan Snyders Eric Klug	Jacques Scherman Tawanda Butau	Peter Zilla Francis Smit Carlos Mestres	
11h00 – 12h30	Using Echo to predict optimal therapy for Mitral Incompetence – Vuyisile Nkomo (USA) (15 mins) Mitral incompetence in Heart Failure. Medical Therapy vs Interventional vs Surgery – Sorin Pislaru (USA) (15 mins) Differentiating physiological from pathological mitral incompetence – Lars Svensson (USA) (15 mins) What does the future hold for Mitral Valve interventions – Vuyisile Nkomo (USA) (15 mins) TAVR for aortic regurgitation or mitral valve in ring procedures Ralf Birkemeyer (Germany) (15 mins)	Assessing the small LV – Marc Gewillig (Belgium) (30 mins) My plan for the small LV: Norwood – the Birmingham experience – David Barron (UK) (30 mins) Norwood the Maboneng experience – Viljee Jonker (20 mins)	(15 mins presentation & 3 mins discussion) Using diuretics wisely in cardiac Care without making things worse – Neils Potgieter STEMI and Cardiogenic Shock. The rules and solution – Dave Kettles Echo in the ER – Why when and what to – Farouk Mamdoo LV Support and Inotrope therapy – the good and the bad – Eric Klug Ventilating the patient with LV dysfunction in failure – Marlice van Dyk	How to prevent, recognise and treat complications in the cath lab? – Azeem Latib (Italy) (30 mins) Left main / multi-vessel disease debate. Protagonist / Antagonist – Farrel Hellig & Martin Sussman (30 mins) The Calcified Lesion. A step by step approach – Ralf Birkemeyer (Germany) (30 mins)	Topic TBC - Gil Bolotin Topic TBC - Carlos Mestres	
	Discussion (15 mins)	Panel discussion (10 mins)	Discussion	Discussion	Discussion	
12h30 – 13h30	Lunch - Superbowl					Poster Judging – Abstract Café
12h30 – 13h30	RHD Meeting					Monomotapa Room
12h30 – 13h30	SHARE Tavi Meeting					Lupata Room

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SATURDAY 6 OCTOBER						
PARALLEL SESSION 5						
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN	LUPATA
	ESC Stable Angina – The Great Debate	PAEDIATRICS Switching It Around	Imaging Session Advanced Diagnostic Imaging	SASCI How to treat Bifurcation	SURGICAL Abstract Session	Abstract Session
CHAIR	Andrew Sarkin Ian Graham	Darshan Reddy Susan Vosloo	Farouk Mamdoo Resham Baruah		Dirk Du Plessis	Martin Mpe Rhena Delpont
14h00 – 15h30	Speaker pro intervention - Azeem Latib (Italy) (15 mins) Speaker pro medical therapy (15 mins) Consensus The Orbita study: implications for developing countries Ignore at your peril (15 mins) Not generalizable, not applicable, poor science (15 mins) ESC update on Stable Angina – Ian Graham (Ireland) (15 mins)	Climbing Kiliminjaro – perfecting the Arterial Switch - Erich Schurmann (25 mins) The late Arterial Switch - Hendrik Mamorare (25 min) Discussion (10 mins)	The future of multi-modality imaging in cardiac disease - Sorin Pislaru (USA) (20 mins) Role of Cardiac CT - Anupa Patel (20 mins) Cardiac sarcoidosis: diagnostics, imaging and outcomes - Dr Resham Baruah (UK) (20 mins) The future of MRI in CVD - Richard Nethononda (20 mins)	A bench model demonstration - Dave Kettles (60 mins) Culprit vs non-culprit lesion treatment in STEMI (20 mins)		
	Discussion	Discussion	Discussion (10 mins)	Discussion		
15h30 – 16h00	Refreshments - Superbowl					

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SATURDAY 6 OCTOBER

PARALLEL SESSION 6

VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN
	The future of Rheumatic Heart Disease: what does it hold?	PAEDIATRICS Abstract Session	ISCAP Best practice: share your expertise	CVD IN PREGNANCY	SURGICAL Mechanical support and transplantation
CHAIR	Antoinette Cilliers Liesl Zühlke Jayneel Joshi	Jeff Harrisberg Kathy van der Donck	Chris Zambakides	Andrew Sarkin Blanche Cupido Karen Sliwa	Martin Sussman Mandeep Mehra Susan Vosloo Johan Brink
16h00 – 17h30	What is needed for GAS vaccines to become available? - Mark Engel (15 mins) The pathogenesis of ARF and RHD: current challenges in understanding and future directions - Jeremiah Mwangi (15 mins) Key questions and proposed solutions for screening in asymptomatic populations - Liesl Zühlke (15 mins) How will we or should we treat the RHD patient in the future - Ganesan Karthikeyan (India) (15 mins) Beyond conventional valve replacement: future directions for rheumatic valve surgery - Peter Zilla (15 mins) Eradication, elimination, control and resolutions- the future of RHD activism (15 mins)		Welcome, review of learning objectives and introduction of faculty (15 mins) Red Alert! Run for cover - Isabel Bender - Kerry Moir - Kaveer Singh (30 mins) Case 2 - Isabel Bender - Kerry Moir - Kaveer Singh (30 mins) Wrap up and closing (15 mins)	Hyperlipidemia in pregnancy – Eric Klug (20 mins) Managing Valvular disease in pregnancy. A case-based approach - Andrew Sarkin (10 mins) Stuck prosthetic Mitral Valve in pregnancy (10 mins) Critical aortic stenosis in pregnancy (10 mins) Eisenmenger syndrome in pregnancy (10 mins) Sub-mitral aneurism (10 mins) Long-term prognosis, subsequent pregnancy, contraception and overall management of peripartum cardiomyopathy - Karen Sliwa (20 mins)	The role of mechanical heart in bridging and destination therapy – Mandeep Mehra (USA) (30 min) Rescue ECMO – the role of the heart team - Erich Schurmann (15 min) Update on mechanical heart (15 min) Paediatric mechanical support and transplantation - Villiers Jonker (15 min) Mechanical Heart versus transplantation. The realities in South Africa - Robbie Kleinloog (15 min)
	Discussion	Discussion	Discussion	Discussion	
19h30	Celebration Dinner – Kings Ballroom				

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SUNDAY 7 OCTOBER		
07h45 – 08h30	Nova Nordisk Sunrise Breakfast Symposium	Seers Court 1
	Cardiovascular outcomes and safety in the management of a T2DM patient – Professor Ntobeko Ntusi	
07h45 – 08h30	GE Healthcare Sunrise Breakfast Symposium Topic: Dr Petronio (Pisa) on TAVI & Dr Garot (Massy) on Valve ASSIST 2 for LAAC	Seers Court 2
PLENARY SESSION 4	Ethics	Critical information to give our patients
CHAIR:		
VENUE	KINGS BALLROOM 2	KINGS BALLROOM 1
09:00 – 11:00	Intervention in a resource limited environment (Ethics) – Andrew Sarkin 4 Cases (2 Adults & 2 Paeds) Paediatrics: 1. Device closure boxed case – Jayneel Joshi (30 min) 2. Tracheal Stenting – Lindy Mitchell (15 min) Discussion (15 mins) Adult case 1. Adult case 1 2. Adult case 2	Low carbohydrate diets for reducing weight and cardiovascular Risk: A systematic review and meta-Analysis – Jimmy Volminck (20 mins) Ketogenic Diet pro's and con's: Which Patients Benefit? – Frederick Raal (20 mins) SURF- a simple international audit of risk factor management. Relevance to South Africa? – Ian Graham (Ireland) (20 mins) How do E-cigarettes affect the heart (30 mins) Marijuana and your cardiovascular health – Tawanda Butau (20 mins)
11h00 – 11h30	Refreshments - Superbowl	

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SUNDAY 7 OCTOBER		
PARALLEL SESSION 7	The Best of the Last Year of Publishing	ICU Care
CHAIR:	Liesl Zühlke David Jankelow Hopewell Ntsinjana	Lindy Mitchell Jayneel Joshi
VENUE	KINGS BALLROOM 2	KINGS BALLROOM 1
11h30 – 13h00	SA Heart Journal – Anton Doubell (15 mins) CVJA – Pat Commerford (15 mins) EHJ (15 mins) Heart Asia – Ganesan Karthikeyan (India) (15 mins) JACC-Imaging (15 mins) Heart, Lung and Transplantation – Mandeep Mehra (USA) (15 mins) Closing	Fast-tracking to ICU – Krishnee Naidoo (20 mins) Sedation and NIRS: from theatre to ICU – Andrew Tresling (20 mins) Inotropes: from theatre to ICU – Krishnee Naidoo (20 mins) ICU care of the Shunt – Erich Schurmann (15 mins) Thanks and Closing (15 mins)
13h00	Congress Close	