

SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Friday, 29 June**



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 (SA – Discovery Alumni) – 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	Sunrise Breakfast Symposium	Kings Ballroom 1
PLENARY SESSION 2	The Future of Medicine	CHAIRS: Iftikhar Ebrahim & David Jankelow
VENUE	KINGS BALLROOM 2	
08h30 – 10h30	<p>What does the future hold: What will be disruptive in Interventional Cardiology? – Azeem Latib (Italy) (20 mins)</p> <p>What does the future hold: What will be disruptive in Cardiothoracic Surgery? - Lars Svensson (USA) (20 mins)</p> <p>The future of coronary disease: Is elimination a reality? – Jagat Narula (USA) (20 mins)</p> <p>The future of cardiovascular medicine lies in personalised medicine and genetic screening – Bongani Mayosi (SA – Discovery Alumni) (20 mins)</p> <p>Imaging in Cardiovascular Disease: What does the future hold? – Alfonso Pecoraro (20 mins)</p> <p>Outcomes of the MOMENTUM 3 HeartMate 3 LVAD: A paradigm shift for heart failure? – Mandeep Mehra (USA) (20 mins)</p>	
09h30 – 10h30	PCSSA AGM	
10h30 – 11h00	Refreshments - Superbowl	

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FRIDAY 5 OCTOBER					
PARALLEL SESSION 1					
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN
	TAVI Live Case Broadcast	PAEDIATRICS Managing Tetralogy of Fallot in 2018	ALLIED/ STEMI STEMI Care in SA	SASCAR /HEFSSA	ABSTRACT SESSION
CHAIR	Mpiko Ntsekhe Jean Vorster Jacques Scherman	Jayneel Joshi Erich Schurmann	Keri Meyer	Jerone Bax Fausto Pinto	
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) Debate – Consensus to be reached at the end of the debate	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 Delport 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)	12 x Abstracts (7 minutes & 3 minutes questions)
	Discussion	Panel discussion (20 mins)	Discussion	Discussion	Discussion
13h00 – 14h00	SASCAR AGM				
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
	ESC SESSION	PAEDIATRICS Pulmonary valve replacement: "When do I get my valve?"	CASSA & ALLIED	ADULT CARDIOLOGY ABSTRACT SESSION	SURGICAL Cardiothoracic Surgical Collaboration
CHAIR		Stephen Brown Andre Brooks	Marclyn Govender	Andrew Sarkin Prof Ntsekhe	Robbie Kleinloog
14h00 – 15h30	<p>Latest ESC Guidelines on Hypertension – ESC delegation</p> <p>Latest clinical update and review on RDN – Michael Bohm (Germany) (15 mins)</p> <p>Non-adherence and Patient considerations in Hyper Tension Management – Martin Mpe (10 mins)</p> <p>Renal Denervation. The South African data – Iftikhar Ebrahim (10 mins)</p> <p>SPYRAL HTN: The Path forward – Michael Bohm (Germany) (10mins)</p>	<p>Imaging of the RVOT: when has the RV had enough? – Blanche Cupido (SA – Discovery Alumni) (25 mins)</p> <p>The Surgical timing – David Barron (UK) (25 mins)</p> <p>The Interventional timing (PPVI) – Marc Gewillig (Belgium) (25 mins)</p>	<p>Interpretation of ECGs at a glance - the basics – Ashley Chin</p> <p>ECG interpretation - case based presentation – Ronnie Jardine</p> <p>Pacemaker/ICD tracings - case based presentation – Andrew Thornton</p> <p>How to prepare your patient and theatre to reduce the risk of pacemaker-associated infections – Ruan Louw</p>	<p>7 minutes and 3 minutes questions</p> <p>9 x abstracts</p>	<p>Session to follow:</p> <ul style="list-style-type: none"> – Francis Smit – Robbie Kleinloog – Jacque Scherman – Ziggi Zigiriadis – Gil Bolotin (Israel)
	Discussion	Panel discussion (15 mins)	Discussion	Discussion	Discussion
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
	Adult Congenital	PAEDIATRICS The future of Fontan	SASCAR	CASSA	SURGICAL Abstract Session
CHAIR	Blanche Cupido Darshen Reddy	Hopewell Ntsinjana Viljee Jonker	Rhena Delport Neil Davies		Mogoaladi Dirk Chauke
16h00 – 17h30	<p>The pearls, challenges and caveats of cardiac imaging in GUCH – Ferande Peters (20 mins)</p> <p>What do we do with Adult PAPVD? – Erich Schurmann (20 mins)</p> <p>An approach to Ebstein anomaly in adulthood – Kenny Govendragaloo (20 mins)</p> <p>A life-cycle perspective on congenital heart disease: What happens beyond your clinic? – Philip Moons (Belgium) (20 mins)</p>	<p>Fontan pathophysiology – Antoinette Cilliers (25 mins)</p> <p>The Fontan evolution – David Barron (UK) (25 mins)</p> <p>Treatment of Fontan complications – Marc Gewillig (Belgium) (25 mins)</p>	<p>Identification of potential biomarkers for predicting the early onset of diabetic cardiomyopathy – Rabia Johnson (20 mins)</p> <p>Abstract presentations 10 mins presentation & 5 mins questions</p>	<p>How to manage an infected pacemaker – Fernando Ochoa</p> <p>Pacemaker implantation troubleshooting – Ashley Chin</p> <p>CRT implantation tips and tricks – Iftikhar Ebrahim</p> <p>Pace and ablate - when should AV node ablation be considered in the era of AF ablation? – Ruan Louw</p>	<p>9 x Abstracts (7 minutes & 3 minutes questions)</p>
	Discussion (10 mins)	Discussion (15 mins)	Discussion	Discussion	
17h30 – 19h30	SA Heart AGM				
20h00	Faculty Dinner				

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SATURDAY 6 OCTOBER		
07h15 – 08h15	Sunrise Breakfast Symposium - ESC Satellite Session	Venue TBC
PLENARY SESSION 3	Mankind's most Lethal Chamber	What does the Future hold?
CHAIR:	Ralf Birkemeyer Andrew Thornton	Liesl Zuhlke
VENUE	KINGS BALLROOM 2	KINGS BALLROOM 1
08:30 – 10:30	<p>Function of the LA Appendage – Farouk Mamdoo (20 mins)</p> <p>Using Left Atrial Echocardiography to predict therapy outcome – Vuyisile Nkomo (USA) (20 mins)</p> <p>Mass Screening for atrial fibrillation: What is the future of digital health in cardiology? – Ralf Birkemeyer (Germany) (20 mins)</p> <p>Persistent AF ablation case – Ruan Louw (20 mins)</p> <p>To ablate or not? Debate – Farouk Mamdoo & Ruan Louw (15 mins each)</p> <p>Discussion and Consensus (10 mins)</p>	<p>Why do we need Artificial intelligence in Cardiology? – David Jankelow (20 mins)</p> <p>What can big data teach the cardiology community (20 mins)</p> <p>The future of cardiology and cardiac surgery. The top 10 technologies to watch – Mandeep Mehra (USA) (20 mins)</p> <p>Structural Heart Interventions – A new paradigm – Charanjit Rihal (USA) (20 mins)</p> <p>Future technologies and structural heart interventions – Surgical perspective – Lars Svensson (USA) (20 mins)</p> <p>Discussion and Consensus (20 mins)</p>
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
	HeFSSA Future of Device Therapy in Mitral Incompetence	PAEDIATRICS The Borderline LV	Acute Cardiac Care	SASCI Complications	Surgical research – Cardio Thoracic Research
CHAIR	Charanjit Rihal	Antoinette Cilliers Hendrik Mamorare Susan Vosloo	Adriaan Snyders Eric Klug	Jacques Scherman Tawanda Butau Mpiko Ntsekhe	
11h00 – 12h30	Using Echo to predict optimal therapy for Mitral Incompetence – Vuyisile Nkomo (USA) (20 mins) Mitral incompetence in Heart Failure. Medical Therapy vs Interventional vs Surgery – Sorin Pislaru (USA) (20 mins) Differentiating physiological from pathological mitral incompetence – Lars Svensson (USA) (20 mins) What does the future hold for Mitral Valve interventions – Azeem Latib (Italy) (20 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 – Resham Baruah (UK) 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)	
	Discussion	Panel discussion (10 mins)	Discussion	Discussion	Discussion
12h30 – 13h30	Lunch - Superbowl			Poster Judging – Abstract Café	

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SATURDAY 6 OCTOBER

PARALLEL SESSION 5

VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN
	ESC Stable Angina – The Great Debate	PAEDIATRICS Switching It Around	Imaging Session Advanced Diagnostic Imaging	SASCI How to treat Bifurcation	SURGICAL Adult Cardiac Surgery
CHAIR	Mpiko Nsekhe Makoali Makotoko	Darshan Reddy Susan Vosloo	Farouk Mamdoo Resham Baruah		
14h00 – 15h30	<p>Speaker pro intervention - Azeem Latib (Italy) (15 mins)</p> <p>Speaker pro medical therapy - ESC delegation (15 mins)</p> <p>Consensus</p> <p>Consensus (voting and questions- can be done via app or sli.do Recorded Cases (times where we should have intervened or not)</p> <p>The Orbita study: implications for developing countries Ignore at your peril - Ganesan Karthikeyan (India) (15 mins)</p> <p>Not generalizable, not applicable, poor science - Ntobeko Ntusi (SA – Discovery Alumni)</p>	<p>Climbing Kiliminjaro – perfecting the Arterial Switch - Erich Schurmann (25 mins)</p> <p>The late Arterial Switch - Hendrik Mamorare (25 min)</p> <p>Discussion (10 mins)</p> <p>Abstracts (30 min) 3 x 10 min</p>	<p>Role of Cardiac CT - Anupa Patel (20 mins)</p> <p>The future of MRI in CVD - Richard Nethononda (20 mins)</p> <p>Cardiac sarcoidosis: diagnostics, imaging and outcomes - Dr Resham Baruah (UK) (20 mins)</p> <p>The future of multi-modality imaging in cardiac disease - Jagat Narula (USA) (20 mins)</p>	<p>A bench model demonstration - Dave Kettles (60 mins)</p> <p>Culprit vs non-culprit lesion treatment in STEMI</p> <p>Selected abstracts</p>	<p>Arch Surgery with elephant Trunk technique - Lars Svensson (USA) (20mins)</p> <p>Minimally Invasive Cardiac Surgery - Jacques Scherman (15 mins)</p> <p>Coronary Surgery - On vs. Off Pump - Martin Sussman (15 mins)</p> <p>Venous Sleeves - as good as Arterial Conduits? (20 mins)</p> <p>Aortic Valve Repair/Root Replacement - Lars Svensson (USA) (20 mins)</p>
	Discussion	Discussion	Discussion	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	Karen Sliwa Antoinette Cilliers	Jeff Harrisberg Kathy van der Donck	Chris Zambakides	Andrew Sarkin Blanche Cupido	Martin Sussman Mandeep Mehra Susan Vosloo
16h00 – 17h30	<p>What is needed for GAS vaccines to become available? - Mark Engel (15 mins)</p> <p>The pathogenesis of ARF and RHD: current challenges in understanding and future directions - Jagat Narula (USA) (15 mins)</p> <p>Key questions and proposed solutions for screening in asymptomatic populations - Liesl Zühlke (SA – Discovery Alumni) (15 mins)</p> <p>How will we or should we treat the RHD patient in the future - Ganesan Karthikeyan (India) (15 mins)</p> <p>Beyond conventional valve replacement: future directions for rheumatic valve surgery - Peter Zilla (15 mins)</p> <p>Eradication, elimination, control and resolutions- the future of RHD activism - Bongani Mayosi (SA – Discovery Alumni) (15 mins)</p>	9 X 10 MIN ABSTRACTS	<p>Welcome, review of learning objectives and introduction of faculty (15 mins)</p> <p>Red Alert! Run for cover - Isabel Bender - Kerry Moir - Kaveer Singh (30 mins)</p> <p>Case 2 - Isabel Bender - Kerry Moir - Kaveer Singh (30 mins)</p> <p>Wrap up and closing (15 mins)</p>	<p>Hyperlipidemia in pregnancy - Eric Klug</p> <p>Managing Hypertension in pregnancy - Andrew Sarkin</p> <p>Valvular Disease - Blanche Cupido</p> <p>Long-term prognosis, subsequent pregnancy, contraception and overall management of peripartum cardiomyopathy - Karen Sliwa</p> <p>2 x Abstracts</p>	<p>The role of mechanical heart in bridging and destination therapy - Mandeep Mehra (USA) (30 min)</p> <p>Rescue ECMO – the role of the heart team - Erich Schurmann (15 min)</p> <p>Update on mechanical heart – Willie Koen (15 min)</p> <p>Paediatric mechanical support and transplantation - Villiers Jonker (15 min)</p> <p>Mechanical Heart versus transplantation. The realities in South Africa - Robbie Kleinloog (15 min)</p>
	Discussion	Discussion	Discussion	Discussion	

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19h30	Celebration Dinner – Kings Ballroom
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SUNDAY 7 OCTOBER		
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 (60 mins) 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	
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 – ESC delegation (15 mins) Heart Asia – Ganesan Karthikeyan (India) (15 mins) JACC-Imaging – Jagat Narula (USA) (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	