

# SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Monday, 15 May**



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

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	What does the future hold: What will be disrupted in Interventional Cardiology? (20 mins)  What does the future hold: What will be disruptive in Cardiothoracic Surgery? (20 mins)  The future of coronary disease: Is elimination a reality? (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? (20 mins)  Outcomes of the MOMENTUM 3 HeartMate 3 LVAD: A paradigm shift for heart failure? (20 mins)	
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
	<b>TAVI Live Case Broadcast</b>	<b>PAEDIATRICS Managing Tetralogy of Fallot in 2018</b>	<b>ALLIED/ STEMI STEMI Care in SA</b>	<b>SASCAR / HEFSSA</b>
<b>CHAIR</b>		Jayneel Joshi Viljee Jonker		
11h00 – 13h00	TAVI Live Case (90 mins)  Who to TAVR? (15 mins)  Who not to TAVR? (15 mins)	The spectrum of Tetralogy - <b>Lindy Mitchell</b> (30 mins)  Growing small Pulmonary arteries • Surgical strategies - <b>David Barron (UK)</b> (30 mins)  • Catheter interventions - <b>Marc Gewillig (Belgium)</b> (30 mins)  Swiss cheese VSDs in Tetralogy of Fallot – the silent assassin - <b>Erich Schurmann</b> (30 mins)	Session welcome, introduction, review of learning objectives (5 mins)  STEMI CARE in SA – What’s the fuss about? – <b>Adriaan Snyders</b> (15 mins)  (10 min talk + 5 min case)  Diagnosing an MI: key tips and tricks  My patient has an MI! Now what?  The role of technology in managing MIs  Creating a treatment network  Conclusion and wrap up (10 mins)	PCSK9, LDL hypercholesterolaemia and therapeutic approaches - <b>Frederick Raal</b> (20 mins)  Role of high-sensitivity cardiac troponin for the assessment and management of heart failure (20 mins)  What does the future hold for Lipid therapy; LDL receptor disruptors, Inclisiran – <b>Frederick Raal</b> (20 mins)  Iron replacement therapeutic target in heart failure treatment (20 mins)  New therapies in heart failure (20 mins)  Cardiac Troponin, chronic stress and cardiovascular risk - <b>Leone Malan</b> (20 mins)
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
	<b>ESC SESSION</b>	<b>PAEDIATRICS Pulmonary valve replacement: "When do I get my valve?"</b>	<b>CASSA &amp; ALLIED</b>	<b>SURGICAL</b>
<b>CHAIR</b>		Stephen Brown Andre Brooks		
14h00 – 15h30	Hypertension Basic Science  Basic Guidelines  Renal denervation – What does the latest data show?  New hypertension guidelines	Imaging of the RVOT: when has the RV had enough? (30 mins)  The Surgical timing - <b>David Barron (UK)</b> (30 mins)  The Interventional timing (PPVI) - <b>Marc Gewillig (Belgium)</b> (30 mins)	Interpretation of ECG's – How does it apply to Africa?  CASSA ECG (contact SpecNet ) – App to interpret ECG's  ECG and pacemaker interpretation session – using technology to assess data  Interrogation of pacemakers/ ICDs – Case based	Robotic Surgery (30 mins)  Venous sleeves vs arterial grafts (30 mins)  Endoscopic vein harvest, cosmetic or future? (30 mins)
<b>15h30 – 16h00</b>	<b>Refreshments - Superbowl</b>			

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FRIDAY 5 OCTOBER				
PARALLEL SESSION 3				
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2
	<b>Adult Congenital</b>	<b>PAEDIATRICS Abstract Session</b>	<b>SASCAR</b>	<b>CASSA</b>
<b>CHAIR</b>		John Lawrenson Kathy van der Donck		
16h00 – 17h30	<p>The pearls, challenges and caveats of cardiac imaging in GUCH – <b>Ferande Peters</b> (20 mins)</p> <p>What do we do with Adult PAPVD? (20 mins)</p> <p>An approach to Ebstein anomaly in adulthood (20 mins)</p> <p>A life-cycle perspective on congenital heart disease: What happens beyond your clinic? – <b>Philip Moons (Belgium)</b> (20 mins)</p> <p>Discussion (10 mins)</p>	<b>Abstract Session</b>	<p>Biomarkers for early diagnosis of diabetic cardiomyopathy (20 mins)</p> <p><b>Abstracts</b></p>	<p>A – Z of ICD &amp; Pacemaker implantation – <b>Ruan Louw</b> – <b>Iftikhar Ebrahim</b></p>
<b>17h30 – 19h30</b>	<b>SA Heart AGM</b>			
<b>20h00</b>	<b>Faculty Dinner</b>			

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<b>SATURDAY 6 OCTOBER</b>	
<b>07h15 – 08h15</b>	<b>Sunrise Breakfast Symposium - ESC Satellite Session</b> <span style="float: right;"><b>Kings Ballroom 1</b></span>
<b>PLENARY SESSION 3</b>	<b>Mankind's most Lethal Chamber</b> <span style="float: right;"><b>CHAIR:</b></span>
<b>VENUE</b>	<b>KINGS BALLROOM 2</b>
08h30 – 10h30	<p>Function of the LA Appendage – <b>Farouk Mamdoo</b> (20 min)</p> <p>Using Left Atrial Echocardiography to predict therapy outcome (20 mins)</p> <p>LAA Closure vs NOACS (20 mins)</p> <p>AF Ablation Case – <b>Ruan Louw</b> (20 mins)</p> <p>To ablate or not? Debate – <b>Farouk Mamdoo &amp; Ruan Louw</b> (15 mins each)</p> <p>Discussion and Consensus (10 mins)</p>
<b>10h30 – 11h00</b>	<b>Refreshments - Superbowl</b>

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## SATURDAY 6 OCTOBER

### PARALLEL SESSION 4

VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN
	<b>HeFSSA Future of Device Therapy in Mitral Incompetence</b>	<b>PAEDIATRICS The Small Left Heart</b>	<b>Acute Cardiac Care</b>	<b>SASCI COMPLICATIONS</b>	<b>SURGICAL Adult Cardiac Surgery</b>
<b>CHAIR</b>		Antoinette Cilliers Susan Vosloo			
11h00 – 12h30	<p>Using Echo to predict optimal therapy for Mitral Incompetence (20 mins)</p> <p>Mitral incompetence in Heart Failure. Medical Therapy vs Interventional vs Surgery (20 mins)</p> <p>Differentiating physiological from pathological mitral incompetence – <b>Ferande Peters</b> (20 mins)</p> <p>What does the future hold for Mitral Valve interventions (20 mins)</p>	<p><b>The Borderline LV</b></p> <p>Assessing the small LV – <b>Marc Gewillig (Belgium)</b> (30 mins)</p> <p>My plan for the small LV: Norwood – the Birmingham experience – <b>David Barron (UK)</b> (40 mins)</p> <p>Norwood the Maboneng experience – <b>Viljee Jonker</b> (20 mins)</p> <p>Discussion (10 mins)</p>	<p>LV dysfunction and dialysis</p> <p>LV support and inotropes – good or bad?</p> <p>Should we be using digoxin for treating heart failure in 2018?</p> <p>STEMI and cardiogenic shock</p> <p>Role of hand-held echo for cardiologists</p>	<p>How to prevent, recognise and treat complications in the cath lab? – <b>Azeem Latib (Italy)</b> (45 mins)</p> <p>Left main / multi-vessel disease debate. Protagonist / Antagonist – <b>Farrel Hellig &amp; Martin Sussman</b> (45 mins)</p>	<p>Arch Surgery with elephant Trunk technique – <b>Lars Svensson (USA)</b> (20mins)</p> <p>Aortic Valve Repair/Root Replacement – <b>Lars Svensson (USA)</b> (20 mins)</p> <p>Minimally Invasive Cardiac Surgery – <b>Jacques Scherman</b> (15 mins)</p> <p>Coronary Surgery - On vs. Off Pump – <b>Martin Sussman</b> (15 mins)</p> <p>Venous Sleeves - as good as Arterial Conduits? (20 mins)</p>
12h30 – 13h30	<b>Lunch - Superbowl</b>			<b>Poster Judging – Abstract Café</b>	

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PARALLEL SESSION 5					
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN
	<b>ESC Stable Angina – The Great Debate</b>	<b>PAEDIATRICS The future of Fontan</b>	<b>Imaging Session Advanced Diagnostic Imaging</b>	<b>SASCI How to treat bifurcation</b>	<b>SURGICAL Whats new in Mechanical Support</b>
<b>CHAIR</b>		Hopewell Ntsinjana Erich Schurmann			
14h00 – 15h30	<p>Speaker pro intervention (15 mins)</p> <p>Speaker pro medical therapy (15 mins)</p> <p>Consensus</p> <p>Recorded Cases (times where we should have intervened or not)</p> <p>The Orbita study: implications for developing countries Ignore at your peril (15 mins)</p> <p>Not generalizable, not applicable, poor science</p>	<p>Fontan pathophysiology - <b>Antoinette Cilliers</b> (30 mins)</p> <p>The Fontan evolution - <b>David Barron (UK)</b> (30 mins)</p> <p>Treatment of Fontan complications - <b>Marc Gewillig (Belgium)</b> (30 mins)</p>	<p>Role of Cardiac CT – <b>Anupa Patel</b></p> <p>The future of MRI in CVD</p> <p>Cardiac sarcoidosis: diagnostics, imaging and outcomes</p> <p>The future of multi-modality imaging in cardiac disease</p>	<p>A bench model demonstration – <b>Dave Kettles</b> (60 mins)</p> <p>Culprit vs non-culprit lesion treatment in STEMI</p>	<p>ECMO – the role of the heart team and the mechanical heart</p> <p>Update on mechanical heart</p> <p>The role of mechanical heart in bridging and destination therapy</p>
<b>15h30 – 16h00</b>	<b>Refreshments - Superbowl</b>				

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SATURDAY 6 OCTOBER					
PARALLEL SESSION 6					
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN
	<b>The future of Rheumatic Heart Disease: what does it hold?</b>	<b>PAEDIATRICS Switching It Around</b>	<b>ISCAP</b>	<b>CVD IN PREGNANCY</b>	<b>SURGICAL</b>
<b>CHAIR</b>	Karen Sliwa Ferande Peters Antoinette Cilliers	Lungile Pepeta Krubin Naidoo			
16h00 – 17h30	<p>What is needed for GAS vaccines to become available? - <b>Mark Engel</b> (15 mins)</p> <p>The pathogenesis of ARF and RHD: current challenges in understanding and future directions - <b>Jagat Narula (USA)</b> (15 mins)</p> <p>Key questions and proposed solutions for screening in asymptomatic populations - <b>Liesl Zühlke</b> (15 mins)</p> <p>How will we or should we treat the RHD patient in the future - <b>Ganesan Karthikeyan (India)</b> (15 mins)</p> <p>Beyond valve replacement- future directions for valve surgery - <b>Peter Zilla</b> (15 mins)</p> <p>Eradication, elimination, control and resolutions- the future of RHD activism - <b>Bongani Mayosi</b> (15 mins)</p>	<p>Climbing Kiliminjaro – perfecting the Arterial Switch - <b>Erich Schurmann</b> (30 mins)</p> <p>The late Arterial Switch – <b>Hendrik Mamorare</b> (30 min)</p> <p><b>Abstracts</b></p>		<p>Hyperlipidemia</p> <p>Managing Hypertension</p> <p>Valvular Disease</p>	<p>Research in the South African Context - <b>Peter Zilla</b> (20 mins)</p> <p><b>Abstracts</b></p>
<b>17h30</b>		<b>PCSSA AGM</b>			
<b>19h30</b>	<b>Celebration Dinner – Kings Ballroom</b>				



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SUNDAY 7 OCTOBER		
<b>PLENARY SESSION 4</b>	<b>Ethics in a resource poor environment</b>	<b>PAEDIATRICS ICU Care</b>
<b>CHAIR:</b>		Hendrik Mamorare Paul Adams
<b>VENUE</b>	<b>KINGS BALLROOM 2</b>	<b>KINGS BALLROOM 1</b>
09:00 – 11:00	Intervention in a resource limited environment (Ethics) – <b>Andrew Sarkin</b> (60 mins) 4 Cases (2 Adults & 2 Paeds) Paediatrics: 1. Device closure boxed case (20 - 30 min) 2. Tracheal Stenting – <b>SBAH</b> (10 min)  Data Protection in the era of Medical Big Data – (Ethics)	Fast-tracking to ICU – <b>Krishni Naidoo</b> (20 mins)  Inotropes: from theatre to ICU (20 mins)  Sedation and NIRS: from theatre to ICU – <b>Andrew Tresling</b> (20 mins)  ICU care of the Shunt – <b>Erich Schurmann</b> (15 mins)
<b>11h00 – 11h30</b>	<b>Refreshments - Superbowl</b>	

SUNDAY 7 OCTOBER		
<b>PARALLEL SESSION 7</b>	<b>Great Lipid Debate</b>	<b>The best of the last year of publishing</b>
<b>CHAIR:</b>		Liesl Zühlke David Jankelow Hopewell Ntsinjana
<b>VENUE</b>	<b>KINGS BALLROOM 2</b>	<b>KINGS BALLROOM 1</b>
<b>11h30 – 13h00</b>	Debate: High Fat – High Protein  Are we on the Right Track?  Where is the Evidence?  Ketogenic Diet pro’s and con’s: Which Patients Benefit? – <b>Frederick Raal</b>	SA Heart Journal – <b>Anton Doubell</b> (15 mins)  CVJA – <b>Pat Commerford</b> (15 mins)  EHJ (15 mins)  Heart Asia – <b>Ganesan Karthikeyan (India)</b> (15 mins)  JACC-Imaging – <b>Jagat Narula (USA)</b> (15 mins)  Heart, Lung and Transplantation – <b>Mandeep Mehra (USA)</b> (15 mins)  Closing
<b>13h00</b>	<b>Congress Close</b>	

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