

# SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Friday 28 September**



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

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FRIDAY 5 OCTOBER		
07h30 – 08h15	Crossroads Education Institute Sunrise Breakfast Symposium   A 360° approach to structural heart diseases throughout life!	Seers Court 1
CHAIR:	Robert Kleinloog David Meerkin	
	<p>Welcome</p> <p>What evidence is in favor of LAA &amp; PFO closure for stroke prevention among patients at risk? – <b>Chris Zambakides</b> (14 mins)</p> <p>The use of MitraClip to improve HF + functional MR symptoms: current perspectives – <b>David Meerkin (Israel)</b> (14 mins)</p> <p>Hemodynamics matter! Tools to evaluate surgical valves performance – <b>Martin Sussman</b> (15 mins)</p> <p>Closing</p> <p><i>This event is supported with an unrestricted medical education grant from the Abbott St Jude Structural Heart division</i></p>	
07h30 – 08h15	Medtronic Sunrise Breakfast Symposium   Technological Advances in Stroke Care	Seers Court 2
	<p>Mechanical thrombectomy for AIS management – <b>Derk Krieger (Dubai)</b> (20 mins)</p> <p>Latest advances in post-stroke care and evaluation – <b>Derk Krieger (Dubai)</b> (20 mins)</p>	
PLENARY SESSION 2	<b>The Future of Medicine</b>	CHAIRS: Iftikhar Ebrahim, David Jankelow & Robert Kleinloog
VENUE	<b>KINGS BALLROOM 2</b>	
08h30 – 10h30	<p><b>Professor Bongani Mayosi Memorial Lecture:</b> Highlighting the academic achievements of Professor Bongani Mayosi – <b>Phindile Mntla</b> (20 mins) Introduced by <b>Liesl Zühlke</b> (10 mins)</p> <p>What does the future hold: What will be disruptive in Interventional Cardiology? – <b>Azeem Latib (Italy)</b> (15 mins)</p> <p>What does the future hold: What will be disruptive in Cardiothoracic Surgery? – <b>Lars Svensson (USA)</b> (15 mins)</p> <p>Cardiovascular risk estimation – a look at the future – <b>Ian Graham (Ireland)</b> (15 mins)</p> <p>Imaging in Cardiovascular Disease: What does the future hold? – <b>Alfonso Pecoraro</b> (15 mins)</p> <p>Outcomes of the MOMENTUM 3 HeartMate 3 LVAD: A paradigm shift for heart failure? – <b>Mandeep Mehra (USA)</b> (15 mins)</p>	
09h30 – 10h30	PCSSA AGM	Kings Ballroom 1
10h30 – 11h00	Refreshments – Superbowl	
10h30 – 11h00	SA Heart – ESC leadership Meeting	Monomotapa Room

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FRIDAY 5 OCTOBER						
PARALLEL SESSION 1						
VENUE	KINGS BALLROOM 2	SEERS COURT 1	KINGS BALLROOM 1	SEERS COURT 2	KRATAN	LUPATA
	<b>TAVI</b> Live Case Broadcast	<b>PAEDIATRICS</b> Managing Tetralogy of Fallot in 2018	<b>ALLIED/ STEMI</b> STEMI Care in SA	<b>SASCAR /HeFFSA</b>	<b>Abstract Session</b>	<b>Abstract Session</b>
<b>CHAIR</b>	Farrel Hellig Jacques Scherman	Jayneel Joshi Erich Schurmann	Keri Meyer Adriaan Snyders Syed Nadeem Rizvi	Martin Mpe Andrew Chapman Rhena Delport	Andrew Sarkin Pindile Mntla	Anton Doubell Phillip Moons
11h00 – 13h00	11h00 – 12h30 Live Case Topic: TAVI  12h30 – 13h00 Who to TAVR? – <b>Azeem Latib (Italy)</b> (15 mins)  Who not to TAVR? – <b>Lars Svensson (USA)</b> (15 mins)	The spectrum of Tetralogy – <b>Lindy Mitchell</b> (20 mins)  <b>Growing small Pulmonary arteries</b>  Surgical strategies – <b>David Barron (UK)</b> (20 mins)  Catheter interventions – <b>Marc Gewillig (Belgium)</b> (20 mins)  Swiss cheese VSDs in Tetralogy of Fallot – the silent assassin – <b>Erich Schurmann</b> (20 mins)  <b>Panel Discussion (20 mins)</b>	Session welcome, introduction, review of learning objectives – <b>Keri Meyer</b> (5 mins)  STEMI CARE in SA – What's the fuss about? – <b>Adriaan Snyders</b> (15 mins)  <b>15 mins talk + 5 mins case</b>  Diagnosing an MI. Key tips and tricks – <b>Ahmed Vachiat</b>  My patient has an MI. Now what? – <b>Keri Meyer</b>  Technological advances in managing MIs – <b>Rhena Delport</b>  Creating a treatment network – <b>Alfonso Pecoraro</b>  Conclusion and wrap up – <b>Adriaan Snyders</b> – <b>Keri Meyer</b> (10 mins each)	PCSK9, LDL hypercholesterolaemia and therapeutic approaches – <b>Frederick Raal</b> (20 mins)  Risk stratification in patients with Type 2 myocardial infarction or myocardial injury – <b>Andrew Chapman (UK)</b> (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 – <b>Marc Petrie (Scotland)</b> (20 mins)  New therapies in heart failure – <b>Mandeep Mehra (USA)</b> (20 mins)  Cardiac Troponin, chronic stress and cardiovascular risk – <b>Leone Malan</b> (20 mins)	<b>7 mins presentation + 3 mins questions</b>  Racial variation of QRS-duration for CRT qualification amongst systolic heart failure patients: Why is the door still closed for black patients? – <b>Dale Christopher Peterson</b>  The contribution of hypertensive disorders of pregnancy to peripartum cardiomyopathy in an African cohort – <b>Ellise Gambahaya</b>  Patterns and prevalence of cardiovascular diseases among pregnant mothers attending antenatal care at Saint Paul's Hospital Millennium Medical College, Addis Ababa – <b>Dawit Bacha</b>  Assessment of the relationship between severity of chronic heart failure and Serum Uric Acid levels – <b>Vincent Shidali</b>  Evaluating the prognostic significance of the 12-lead CG in peripartum cardiomyopathy – <b>Charle Viljoen</b>	<b>7 mins presentation + 3 mins questions</b>  Rheumatic Heart Disease in a 'low risk' community - are other risk factors at play? – <b>Luke Hunter</b>  Cardiac magnetic resonance imaging vs trans-oesophageal echocardiography to detect left atrial thrombi before percutaneous balloon mitral valvotomy for mitral stenosis – A pilot study – <b>Christiaan Kotzé</b>  7-Year experience of Transcatheter Aortic Valve Implants (TAVI) in a Western Cape private healthcare setting – <b>Jacques Liebenberg</b>  Autoimmune diseases PSMG1 gene implicated in Rheumatic Heart Disease – <b>Babu Muhamed</b>  The role of SHARE-TAVI and local registry data in a resource-constrained economy: patient selection and outcome comparison

# SA HEART CONGRESS 2018

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					<p>Acute Myocarditis – A case series from Tygerberg Hospital, Cape Town – <b>Karim Hassan</b></p> <p>Genetic susceptibility to Rheumatic Heart Disease in two African populations: Egypt and Ethiopia – <b>Helen Mesfin</b></p> <p>The prevalence of resistant hypertension: a global systematic review and meta-analysis of data from 3.2 million treated hypertensive patients – <b>Jean Jacques Noubiap</b></p> <p>The pattern of cardiovascular risk factors in patients under 40 years presented with ST-Elevation Myocardial Infarction – <b>Mahmoud Abdelnabi</b></p> <p>The association of depressive symptoms in patients with Acute Myocardial Infarction in a Regional Hospital in Durban, South Africa – <b>Naresh Ranjith</b></p> <p>Pattern of cardiovascular risk factors and fate in patients over 80 years presented with acute coronary syndromes – <b>Mahmoud Abdelnabi</b></p>	<p><b>Elizabeth Schaafsma</b></p> <p>Screening for Rheumatic Heart Disease: A common normal variant of the posterior mitral valve leaflet resembles WHF-borderline rheumatic disease – <b>Luke Hunter</b></p> <p>Hypertensive disorders of pregnancy in Africa. A systematic review and meta-analysis – <b>Ulrich Flore Nyaga</b></p>
13h00 – 13h45	CASSA AGM				Kings Ballroom 1	
13h00 – 14h00	SCTSSA AGM				Mur	
13h00 – 14h00	Lunch - Superbowl   Poster Judging – Abstract Café, Superbowl					
14h00 – 15h30	RHD Side Session and Afrostrep Meeting (By invitation only)				Mur	

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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
	<b>Renal Denervation – What does the future hold?</b>	<b>PAEDIATRICS Pulmonary valve replacement: ‘When do I get my valve?’</b>	<b>CASSA &amp; ALLIED</b>	<b>ADULT CARDIOLOGY Abstract Session</b>	<b>Cardiothoracic Society Forum</b>	<b>STEMI SESSION</b>
<b>CHAIR</b>	Iftikhar Ebrahim Ian Graham William Wijns	Stephen Brown John Hewitson	Marclyn Govender Adele Greyling	Andrew Sarkin Jeroen Bax	Gil Bolotin Robert Kleinloog Carlos Mestres	Ralf Birkemeyer Sajidah Khan Nqoba Tsabedze
14h00 – 15h30	<p>Latest ESC guidelines on hypertension – <b>Ian Graham (Ireland)</b> (20 mins)</p> <p>Latest data on RDN. What are the clinical implications? – <b>Iftikhar Ebrahim</b> (20 mins)</p> <p>Non-adherence and patient considerations in hypertension management – <b>Martin Mpe</b> (20 mins)</p> <p>Advances in Renal Denervation procedure – <b>William Wijns (Ireland)</b> (20 mins)</p> <p><b>Discussion (10 mins)</b></p>	<p>Imaging of the RVOT: when has the RV had enough? – <b>Blanche Cupido</b> (25 mins)</p> <p>The surgical timing – <b>David Barron (UK)</b> (25 mins)</p> <p>The interventional timing (PPVI) – <b>Marc Gewillig (Belgium)</b> (25 mins)</p> <p><b>Panel Discussion (15 mins)</b></p>	<p>Prospective cohort study comparing blended learning with lecture-based training in electrocardiography – <b>Charlie Viljoen</b> (7 mins + 3 mins questions)</p> <p>Interpretation of ECGs at a glance - the basics – <b>Ashley Chin</b> (20 mins)</p> <p>ECG interpretation – case-based presentation – <b>Ronnie Jardine</b> (20 mins)</p> <p>Pacemaker/ICD tracings – case-based presentation – <b>Andrew Thornton</b> (20 mins)</p> <p>How to prepare your patient and theatre to reduce the risk of pacemaker-associated infections – <b>Ruan Louw</b> (20 mins)</p>	<p><b>7 mins presentation + 3 mins questions</b></p> <p>The RADIAL trial (Radial Artery Dilatation to improve access and lower complication rates during coronary angiography) – <b>Bradley Griffiths</b></p> <p>The real-life differences between the use of ticagrelor and clopidogrel in ST-elevation myocardial infarction – <b>Abdallah Almaghraby</b></p> <p>Delayed myocardial rupture after NSTEMI treated with PCI – <b>Leonid Goldberg</b></p> <p>Outcomes of 562 echocardiographically guided pericardiocentesis over a 10-year period in a low-to-middle income country Tertiary Referral Centre – <b>Sumanth Karamchand</b></p> <p>Percutaneous pericardioscopy in a population with a high prevalence of tuberculous pericarditis - improving the</p>	<p><b>7 mins presentation + 3 mins questions</b></p> <p>Perspectives on Lung Cancer treatment in the developing world – <b>Anthony Linegar</b></p> <p>Heart valve surgery in Central South Africa – <b>Francis Smit</b></p> <p>The surgical treatment of infective endocarditis – <b>Carlos Mestres (Switzerland)</b></p> <p>TAVR in Rheumatic Heart Disease - Where are we? – <b>Jacques Scherman</b></p> <p>Surgical treatment of aorta stenosis in the elderly – an African perspective – <b>Robert Kleinloog</b></p> <p>TAVI vs. Surgical AVR in the western world Today and in the Future – <b>Gil Bolotin (Israel)</b></p>	<p>STEMI interventions including myocardial infarction networks – <b>Ralf Birkemeyer (Germany)</b> (20 mins)</p> <p>Reducing your ischemic time in 95 million people – <b>Syed Nadeem Rizvi (Pakistan)</b> (20 mins)</p> <p>What do you need to reduce ischemic time in South Africa – <b>Adriaan Snyders</b> (20 mins)</p> <p>How to optimise STEMI treatment in public health – <b>Nqoba Tsabedze</b> (20 mins)</p> <p><b>Discussion (10 mins)</b></p>

# SA HEART CONGRESS 2018

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				<p>diagnostic yield and advancing the time to diagnosis – <b>Lloyd Joubert</b></p> <p>Assessment of aortic deformation using strain imaging in HIV-associated aortopathy – <b>Ruchika Meel</b></p> <p>Introducing a Radial Lounge based outpatient coronary service - the Tygerberg Hospital, Cape Town experience – <b>Magdalena Pearl Petersen</b></p> <p>Dilated aortic root sinuses with thrombus formation – <b>Nasrein Ahmed</b></p> <p><b>Discussion (10 mins)</b></p>	<p>Perspectives on cardiac surgery and interventions in the elderly – <b>Carlos Mestres (Switzerland)</b></p> <p>New technology to treat Diastolic Heart Failure - First in Man – <b>Gil Bolotin (Israel)</b></p> <p>The impact of science on interventions for coronary artery disease – <b>Lars Svensson (USA)</b></p>	
15h30 – 16h00	Refreshments - Superbowl					
16h00 – 17h30	RHD Side Session and Afrostrep Meeting (By invitation only)					Mur

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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
	<b>Adult Congenital</b>	<b>PAEDIATRICS The future of Fontan</b>	<b>SASCAR</b>	<b>CASSA</b>	<b>Adult Cardiac Surgery</b>	<b>What does the Future hold for Chronic Total Occlusions</b>
<b>CHAIR</b>	Blanche Cupido Darshan Reddy	Hopewell Ntsinjana Viljee Jonker	Rhena Delport Frederic Michel	Pro Obel	Carlos Mestres Gil Bolotin Dirk du Plessis	Chris Zambakides Fausto Pinto Sajidah Khan
16h00 – 17h30	<p>The pearls, challenges and caveats of cardiac imaging in GUCH – <b>Ferande Peters</b> (20 mins)</p> <p>Late Cynosis after the Kawashima operation – <b>Kenny Govendrageloo</b> (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>An approach to Ebstein anomaly in adulthood – <b>Kenny Govendrageloo</b> (20 mins)</p> <p><b>Discussion (10 mins)</b></p>	<p>Fontan pathophysiology - <b>Antoinette Cilliers</b> (25 mins)</p> <p>The Fontan evolution - <b>David Barron (UK)</b> (25 mins)</p> <p>Treatment of Fontan complications - <b>Marc Gewillig (Belgium)</b> (25 mins)</p> <p><b>Discussion (15 mins)</b></p>	<p>Identification of potential biomarkers for predicting the early onset of diabetic cardiomyopathy – <b>Rabia Johnson</b> (20 mins)</p> <p><b>7 mins + 3 mins questions</b> Determinants of carotid intima media thickness (CIMT) in a Western Cape study population with and without HIV-infection – <b>Sana Charania</b></p> <p>Cardioprotective properties of Afriplex Green Rooibos extract in diet-induced obese Wistar rats – <b>Sybrand Smit</b></p> <p>Abdominal obesity and antiretroviral therapy are associated with improved endothelium-dependent vascular function in HIV-infected individuals: Results from the EndoAfrica study – <b>Hans Strijdom</b></p> <p>Retinal vasculature reactivity during flicker-light-provocation, cardiac stress and stroke risk in Africans: The SABPA Study – <b>Annemarie Wentzel</b></p>	<p>Regional heterogeneity during beta adrenergic stimulation underlie the ventricular arrhythmia triggers and substrate after myocardial infarction – <b>Matthew Amoni</b> (7 mins &amp; 3 mins questions)</p> <p>How to manage an infected pacemaker – <b>Fernando Ochoa</b> (20 mins)</p> <p>Pacemaker implantation trouble-shooting – <b>Ashley Chin</b> (20 mins)</p> <p>CRT implantation tips and tricks – <b>Iftikhar Ebrahim</b> (20 mins)</p> <p>Pace and ablate - when should AV node ablation be considered in the era of AF ablation? – <b>Ruan Louw</b> (20 mins)</p>	<p>Arch surgery with elephant trunk technique – <b>Lars Svensson (USA)</b> (20mins)</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? – <b>Kaveer Sohan</b> (20 mins)</p> <p>Aortic valve repair/root replacement – <b>Lars Svensson (USA)</b> (20 mins)</p>	<p>What does the current evidence show regarding CTO's? – <b>William Wijns (Ireland)</b> (15 mins)</p> <p>Tips and tricks – <b>Omer Gogtekin (Turkey)</b> (20 mins)</p> <p>Where a CTO saved a life – <b>Andrew Sarkin</b> (30 mins)</p> <p>A case-based approach to CTO – <b>Omer Gogtekin (Turkey)</b> (25 mins)</p>

# SA HEART CONGRESS 2018

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			<p>Increased systolic blood pressure with administration of hormone-based contraceptives in a rat model of hypertriglyceridemia – <b>Frederic Michel</b></p> <p>Sympathetic tone and modulation, cardiac stress and the dynamic nature of the retinal microvasculature: The SABPA Study – <b>Annemarie Wentzel</b></p> <p><b>Discussion (10 mins)</b></p>			
17h30 – 19h30	SA Heart AGM					Kings Ballroom 2
20h00	Faculty Dinner – By Invitation Only					



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Provisional Scientific Programme as at **Friday 28 September**



SATURDAY 6 OCTOBER		
07h15 – 08h15	ESC Satellite Session - The heart of the matter: treating the high-risk cardiac patient	Seers Court 1
CHAIR:	Fausto Pinto	
	<p>Welcome and Introduction: The high-risk AF patient - recent improvements in therapy and outstanding questions – <b>Fausto Pinto (Portugal)</b> (5 mins)</p> <p>New evidence for NOACs in AF patients: What has 2017/ 2018 taught us? – <b>Riaz Dawood</b> (20 mins)</p> <p>Getting to the heart of Type 2 Diabetes management (Heart failure - an upcoming new target for diabetes management) – <b>Nash Ranjith</b> (20 mins)</p> <p><b>Panel Discussion (15 mins)</b></p>	
07h15 – 08h15	Novartis Sunrise Breakfast Symposium	Seers Court 2
	Heart Failure hospitalisation: An opportunity to reset chronic therapy with Entresto? – <b>Mark Petrie (Scotland)</b>	
PLENARY SESSION 3	Mankind's most Lethal Appendage	What does the Future hold?
CHAIR:	Ralf Birkemeyer Ian Graham	Liesl Zühlke Francis Smit William Wijns
VENUE	KINGS BALLROOM 2	KINGS BALLROOM 1
08h30 – 10h30	<p>Function of the LA Appendage – <b>Farouk Mamdoo</b> (20 mins)</p> <p>Using Left Atrial Echocardiography to predict therapy outcome – <b>Vuyisile Nkomo (USA)</b> (20 mins)</p> <p>Mass screening for atrial fibrillation: What is the future of digital health in cardiology? – <b>Ralf Birkemeyer (Germany)</b> (20 mins)</p> <p>Persistent 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><b>Discussion and Consensus (10 mins)</b></p>	<p>Why we need disruptive technologies in Medicine / Cardiology? – <b>David Jankelow</b> (20 mins)</p> <p>What can big data teach the cardiology community? – <b>William Wijns (Ireland)</b> (20 mins)</p> <p>The future of cardiology and cardiac surgery. The top 10 technologies to watch – <b>Mandeep Mehra (USA)</b> (20 mins)</p> <p>Structural heart interventions – A new paradigm – <b>Charanjit Rihal (USA)</b> (20 mins)</p> <p>Future technologies and structural heart interventions – Surgical perspective – <b>Lars Svensson (USA)</b> (20 mins)</p> <p><b>Discussion and Consensus (20 mins)</b></p>
10h30 – 11h00	Refreshments - Superbowl	

# SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Friday 28 September**



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 Borderline LV</b>	<b>Acute Cardiac Care</b>	<b>SASCI Complications</b>	<b>Cardiovascular Research; A Glimpse into the Future</b>
<b>CHAIR</b>	Charanjit Rihal Resham Baruah	Antoinette Cilliers Hendrik Mamorare Susan Vosloo	Adriaan Snyders Eric Klug	Jacques Scherman Tawanda Butau Sajdah Khan	Peter Zilla Francis Smit Carlos Mestres
11h00 – 12h30	<p>TAVR for aortic regurgitation or mitral valve in ring procedures <b>Ralf Birkemeyer (Germany)</b> (15 mins)</p> <p>Using Echo to predict optimal therapy for Mitral incompetence – <b>Vuyisile Nkomo (USA)</b> (15 mins)</p> <p>Mitral incompetence in heart failure. Medical therapy vs interventional vs surgery – <b>Sorin Pislaru (USA)</b> (15 mins)</p> <p>Differentiating physiological from pathological mitral incompetence – <b>Lars Svensson (USA)</b> (15 mins)</p> <p>What does the future hold for mitral valve interventions? – <b>Vuyisile Nkomo (USA)</b> (15 mins)</p> <p><b>Discussion (15 mins)</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> (30 mins)</p> <p>Hypoplastic Left Heart Syndrome: A journey through the history of Magic – <b>Viljee Jonker</b> (20 mins)</p> <p><b>Panel Discussion (10 mins)</b></p>	<p><b>15 mins presentation + 3 mins discussion</b></p> <p>Using diuretics wisely in cardiac care without making things worse – <b>Neils Potgieter</b></p> <p>STEMI and Cardiogenic Shock. The rules and solution – <b>Dave Kettles</b></p> <p>Echo in the ER – Why, when and what to? – <b>Farouk Mamdo</b></p> <p>LV Support and Inotrope therapy – the good and the bad – <b>Eric Klug</b></p> <p>Ventilating the patient with LV dysfunction in failure – <b>Marlice van Dyk</b></p>	<p>How to prevent, recognise and treat complications in the Cath Lab? – <b>Azeem Latib (Italy)</b> (30 mins)</p> <p>Left main / multi-vessel disease debate. Protagonist / Antagonist – <b>Farrel Hellig &amp; Martin Sussman</b> (30 mins)</p> <p>The calcified lesion. A step by step approach – <b>Ralf Birkemeyer (Germany)</b> (30 mins)</p>	<p><b>Guest Lecture:</b> Cardiovascular tissue engineering: The first 50 years – <b>Peter Zilla</b> (15 min)</p> <p><b>7 mins presentation + 3 mins question</b></p> <p>Materials: Key to cardiovascular devices – <b>Deon Bezuidenhout</b></p> <p>Tissue engineering and biological scaffolds – <b>Francis Smit</b></p> <p>Challenges in cardiovascular device engineering – <b>Braden van Breda</b></p> <p>Flow and coagulation in mechanical valves – <b>Christiaan Jordaan</b></p> <p>The impact of computational and experimental integration in heart valve design – <b>Kyle Davis</b></p> <p>The South African Regulatory Conundrum – <b>Heather Coombes</b></p> <p>Development and testing of new medical devices as a main academic work for clinicians</p>

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						- Gil Bolotin (Israel) (15 mins)
12h30 – 13h30	Lunch - Superbowl   Poster Judging – Abstract Café, Superbowl					
12h30 – 13h30	RHD Meeting (By invitation only)					Monomotapa Room
12h30 – 13h30	SHARE TAVI Meeting					Mur Room

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Provisional Scientific Programme as at **Friday 28 September**



SATURDAY 6 OCTOBER					
PARALLEL SESSION 5					
VENUE	WARRIORS HALL 2 & 3	SEERS COURT 1	WARRIORS HALL 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 Abstract Session
<b>CHAIR</b>	Makoali Makotoko Sajidah Khan Andrew Sarkin Ian Graham	Darshan Reddy Susan Vosloo	Farouk Mamdoo Resham Baruah	Cobus Badenhorst Farrel Hellig	Shungu Mogaladi Dirk Du Plessis Risenga Chauke
13h30 – 15h00	<p>Speaker pro intervention - <b>Azeem Latib (Italy)</b> (15 mins)</p> <p>Speaker pro medical therapy – <b>William Wijns (Ireland)</b> (15 mins)</p> <p>Consensus (5 mins)</p> <p>The Orbita Study: Implications for developing countries; Ignore at your peril – <b>Ganesan Karthikeyan (India)</b> (15 mins)</p> <p>Not generalisable, not applicable, poor science – <b>Ntobeko Ntusi</b> (15 mins)</p> <p>ESC update on Stable Angina – <b>Ian Graham (Ireland)</b> (15 mins)</p> <p><b>Discussion (10 mins)</b></p>	<p>Climbing Kiliminjaro – perfecting the Arterial Switch - <b>Erich Schurmann</b> (20 mins)</p> <p>The late Arterial Switch – <b>Hendrik Mamorare</b> (20 min)</p> <p>Discussion (10 mins)</p> <p><b>7 mins presentation + 3 mins questions</b></p> <p>Distributive justice in Paediatric Cardiac Surgery in South Africa – <b>John Hewitson</b></p> <p>Cardiac manifestations of Staphylococcus aureus infection in children: A case series – <b>Shenaaz Ghulam Hoosain</b></p> <p>Partnerships for congenital heart disease in Africa (The PROTEA Study) - The first 800 patients reveal key insights into our CHD cohort - <b>Thomas Aldersley</b></p> <p><b>Discussion (10 mins)</b></p>	<p>The future of multi-modality imaging in cardiac disease – <b>Sorin Pislaru (USA)</b> (20 mins)</p> <p>Role of cardiac CT – <b>Anupa Patel</b> (20 mins)</p> <p>Cardiac sarcoidosis: diagnostics, imaging and outcomes – <b>Resham Baruah (UK)</b> (20 mins)</p> <p>The future of MRI in CVD – <b>Richard Nethononda</b> (20 mins)</p> <p><b>Discussion (10 mins)</b></p>	<p>A bench model demonstration – <b>Dave Kettles</b> (60 mins)</p> <p>Culprit vs non-culprit lesion treatment in STEMI – <b>Ralf Birkemeyer (Germany)</b> (20 mins)</p> <p><b>Discussion (10 mins)</b></p>	<p><b>7 mins presentation + 3 mins questions</b></p> <p>Is deep hypothermic circulatory arrest necessary for total anomalous pulmonary venous connection repair? – <b>Hyla Peens-Hough</b></p> <p>Management of Atrio-ventricular septal defects in a developing country. Red Cross Children's War Memorial Hospital, Cape Town – <b>Carmen Gaffley</b></p> <p>The outcome of ECMO in patients with reversible pulmonary disease on maximum ventilatory support and still hypoxic – <b>Curnick Siyabonga Mahlangu</b></p> <p>Transapical aortic valve deployment in a sheep model; aortic root dimension determinants of success – <b>Chima Ofoegbu</b></p> <p>Developing a Cardiothoracic Anaesthesia Fellowship Programme in South Africa – <b>Angela Ongewe</b></p> <p>Risk perception of mothers and fathers of children undergoing</p>

# SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Friday 28 September**



					heart surgery: A quantitative longitudinal analysis – Hyla Peens-Hough  Discussion (30 min)
15h00 – 15h30	Refreshments - Superbowl				

# SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Friday 28 September**



SATURDAY 6 OCTOBER					
PARALLEL SESSION 6					
VENUE	WARRIORS HALL 2&3	SEERS COURT 1	WARRIORS HALL 1	SEERS COURT 2	KRATAN
	<b>The future of Rheumatic Heart Disease: What does it hold?</b>	<b>PAEDIATRICS Abstract Session</b>	<b>ISCAP Best practice: share your expertise</b>	<b>CVD IN PREGNANCY</b>	<b>SURGICAL Mechanical support and transplantation</b>
<b>CHAIR</b>	Antoinette Cilliers Jayneel Joshi	Jeff Harrisberg Kathy van der Donck	Chris Zambakides	Andrew Sarkin Blanche Cupido Karen Sliwa	Martin Sussman Mandeep Mehra Susan Vosloo Johan Brink
15h30 – 17h00	<p>What is needed for GAS vaccines to become available? – <b>Mark Engel</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 conventional valve replacement: future directions for rheumatic valve surgery – <b>Peter Zilla</b> (15 mins)</p> <p>How can the RHD research agenda support national RHD programmes? – <b>Jeremiah Mwangi</b> (15 mins)</p> <p><b>Discussion (15 mins)</b></p>	<p><b>7 mins presentation + 3 mins questions</b></p> <p>Diphtheria myocarditis in children – <b>Marelize Bosman</b></p> <p>Cardiomyopathy in children in the Western Cape – Initial findings of the Imhotep registry – <b>George Comitis</b></p> <p>Paediatric dilated cardiomyopathy caused by glue sniffing: A case report – <b>Mamaila Lebea</b></p> <p>Wolff-Parkinson-White Syndrome presenting with dilated cardiomyopathy and subsequent right accessory pathway radiofrequency ablation – <b>Zongezile Masonwabe Makrexeni</b></p> <p>Transcatheter occlusion of giant congenital coronary cameral fistulae using Amplatzer vascular plug II: Case report series – <b>Deogratias Nkya</b></p> <p>Pericardiectomy for constrictive pericarditis in paediatric patients in Durban – <b>Andiswa Nzimela</b></p>	<p>Welcome, review of learning objectives and introduction of faculty – <b>Kerry Moir</b> (15 mins)</p> <p>Red Alert! Run for cover – <b>Isabel Bender</b> – <b>Kerry Moir</b> – <b>Kaveer Singh</b> (30 mins)</p> <p>It's complicated... cover your tracks! – <b>Isabel Bender</b> – <b>Kerry Moir</b> – <b>Kaveer Singh</b> (30 mins)</p> <p>Wrap up and closing – <b>Chris Zambakides</b> (15 mins)</p>	<p>Hyperlipidemia in pregnancy – <b>Eric Klug</b> (20 mins)</p> <p>Managing Valvular Disease in pregnancy. A case-based approach – <b>Andrew Sarkin</b> (10 mins)</p> <p>Stuck prosthetic mitral valve in pregnancy – <b>Bradley Brits</b> (10 mins)</p> <p>Critical aortic stenosis in pregnancy – <b>Jerry Chen</b> (10 mins)</p> <p>Eisenmenger Syndrome in pregnancy – <b>Herman van der Laan</b> (10 mins)</p> <p>Sub-mitral aneurysm – <b>Thomas De Beenhouwer</b> (10 mins)</p> <p>Long-term prognosis, subsequent pregnancy, contraception and overall management of peripartum cardiomyopathy – <b>Karen Sliwa</b> (20 mins)</p>	<p>The role of mechanical heart in bridging and destination therapy – <b>Mandeep Mehra (USA)</b> (30 mins)</p> <p>Post cardiectomy V-A Ecmo. The Maboneng experience – <b>Erich Schurmann</b> (15 mins)</p> <p>Paediatric mechanical support and transplantation – <b>Villiers Jonker</b> (15 mins)</p> <p>Mechanical heart versus transplantation. The realities in South Africa – <b>Willie Koen</b> (20 mins)</p> <p><b>Discussion (10 mins)</b></p>

# SA HEART CONGRESS 2018

## Provisional Scientific Programme as at **Friday 28 September**



		<p>Tetralogy of Fallot with an anomalous left pulmonary artery arising from the ascending aorta: A case report – <b>Jane Hloogelo Pilusa</b></p> <p>Pulmonary Artery Banding: A retrospective review and 10-year experience at a large South African Tertiary Care Centre – <b>Phophi Raphulu</b></p> <p>Coarctation of the aorta, managements challenges and complications: A case report – <b>Mamokgethi Rangaka</b></p>			
19h30	Celebration Dinner – Kings Ballroom 2				

# SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Friday 28 September**



SUNDAY 7 OCTOBER		
07h45 – 08h30	<b>Novo Nordisk Sunrise Breakfast Symposium</b>	<b>Seers Court 1</b>
	Cardiovascular safety in the management of Type 2 diabetes: A perspective from cardiology – <b>Ntobeko Ntusi</b>	
07h45 – 08h30	<b>GE Healthcare Sunrise Breakfast Symposium</b>	<b>Seers Court 2</b>
	A modern Interventional Cardiologist needs a modern Interventional Suite - <b>Hazem Warda (Egypt)</b>	
<b>PLENARY SESSION 4</b>	<b>Ethics</b>	<b>Critical Information to Give Our Patients</b>
<b>CHAIR:</b>	Phindile Mntla Sajidah Khan	Eric Klug Martin Mpe
<b>VENUE</b>	<b>KINGS BALLROOM 2</b>	<b>KINGS BALLROOM 1</b>
09:00 – 11:00	<p>The ethics of treating complex Adult Cardiology patients in a resource limited environment – <b>Andrew Sarkin</b> (60 mins)</p> <p>Paediatrics:</p> <ol style="list-style-type: none"> <li>1. Device closure boxed case – <b>Jayneel Joshi</b> (30 min)</li> <li>2. Tracheal Stenting – <b>Lindy Mitchell</b> (15 min)</li> </ol> <p><b>Discussion (15 mins)</b></p>	<p>Low carbohydrate diets for reducing weight and cardiovascular risk: A systematic review and meta-analysis – <b>Jimmy Volmink</b> (20 mins)</p> <p>Ketogenic Diet pros and cons: Which patients benefit? – <b>Frederick Raal</b> (20 mins)</p> <p>SURF- a simple international audit of risk factor management. Relevance to South Africa? – <b>Ian Graham (Ireland)</b> (20 mins)</p> <p>How do E-cigarettes affect the heart – <b>Richard van Zyl-Smit</b> (20 mins)</p> <p>Marijuana and your cardiovascular health – <b>Tawanda Butau</b> (20 mins)</p> <p><b>Discussion (20 mins)</b></p>
11h00 – 11h30	<b>Refreshments - Superbowl</b>	



# SA HEART CONGRESS 2018

Provisional Scientific Programme as at **Friday 28 September**



SUNDAY 7 OCTOBER		
PARALLEL SESSION 7	The Best of the Last Year of Publishing	ICU Care
<b>CHAIR:</b>	Liesl Zühlke David Jankelow Hopewell Ntsinjana	Lindy Mitchell Jayneel Joshi
<b>VENUE</b>	<b>KINGS BALLROOM 2</b>	<b>KINGS BALLROOM 1</b>
<b>11h30 – 13h00</b>	SA Heart Journal – <b>Ntobeko Ntusi</b> (20 mins)  Cardiovascular Journal of Africa – <b>Pat Commerford</b> (20 mins)  European Heart Journal – <b>William Wijns (Ireland)</b> (20 mins)  Heart, Lung and Transplantation – <b>Mandeep Mehra (USA)</b> (20 mins)  Thanks and Closing (10 mins)  Current Congress Scientific Chair 2018 (Iftikhar Ebrahim) introducing in-coming 2019 Congress Scientific Chair (Rob Dyer)	Fast-tracking to ICU – <b>Krishnee Naidoo</b> (20 mins)  Sedation and NIRS: from theatre to ICU – <b>Andrew Tresling</b> (20 mins)  Inotropes: from theatre to ICU – <b>Krishnee Naidoo</b> (20 mins)  ICU care of the Shunt – <b>Erich Schurmann</b> (15 mins)  <b>Thanks and Closing (15 mins)</b>
<b>13h00</b>	<b>Congress Close</b>	