



2023 ICCVA-CASSA CONGRESS

TOWARDS SAFE CARDIOVASCULAR AND THORACIC SURGERY OUTCOMES

Date: 30 November – 2 December 2023

Venue: Century City Conference Centre, Cape Town

Thursday, 30th November 2023

Venue		Hall A & B				
08h00 - 10h00		CT anaesthesia challenges across the world - Opening congress - The state of cardiovascular disease in Africa - Enhancing access to cardiovascular disease care - Improving outcomes - quality improvement and innovation - Implicit bias & gender diversity in cardiac anaesthesia				
10h00 - 10h30		Tea/Coffee				
Venue	Hall A	Hall B	Hall C	Workshops		
				Hall D	MR 8 + 9	MR 11
10h30 - 12h30	The African big five Tim Pennel Neusa Jesse	Vascular anaesthesia Christella Alphonsus Yianni Augoustides	Congenital heart disease (paediatric) Pablo Motta Monica Hervias Sanz	Echo decisionmaking 10h30 - 12h30	Regional techniques in cardiac 10h30 - 12h30	CPB, LVADs and ECMO - 1 10h30 - 12h30
	Hydatid disease Mmapali Mokapela	Update on cardiac risk stratification of the patient undergoing noncardiac surgery Farouk Mamdoo		Moderators: Adriaan Myburgh Faculty: Mary Beth Brady, Mias Pretorius, Nathael Weitzel	Moderators: Himani Bhatt, Jessica Brodt Faculty: Alex Mitnacht, Arindam Choudhrey, Raul Guillen, Renier Verbeek	Moderators: Martin Sussman Faculty: Ghislain Doufle, Moleboheng Mokotjo, Marlice van Dyk, Norbert Welkovich
	HIV and the heart Ntobeko Ntusi	Prehabilitation of the cardiovascular patient Mathew Patteril	Risk assessment for CHS - the African perspective Krubin Naidoo			
	Rheumatic heart disease Irina Mbanze	Frailty and aging of the cardiovascular patient Nian Chih Hwang	The single ventricle patient in developing countries - what are the options?			
	Tuberculosis and the heart Mpiko Ntsekhe	Cardiovascular outcome after non-cardiac surgery Christella Alphonsus	Total anomalous pulmonary venous return - anaesthesia considerations Ettienne Coetzee			
	Preeclampsia and the heart Motselisi Mbeki	Functional capacity and cardiovascular and perioperative outcomes Bruce Biccadd	Perioperative pulmonary hypertension in CHD Emad Mossad			
	Questions and panel discussion	Questions and panel discussion	Questions and panel discussion			



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12h30 - 13h30		Lunch Industry sponsored lectures				
13h30 - 13h50 13h50 - 14h10 14h10 - 14h30 14h30 - 14h50 14h50 - 15h10 15h10 - 15h30	Monitoring Gontse Leballo Etienne Coetzee	The aorta - ascending and descending Martin Sussman Christopher Troianos	Congenital heart disease (adults) Emad Mossad Edwin Turton	Wetlab cardiac anatomy 13h30 - 17h30	Echo - POCUS / FATE / TTE 1 13h30 - 15h30	CPB, LVADs and ECMO - 2 13h30 - 15h30
	Neuromonitoring, cerebral oximetry and beyond Barry Kussman	Aorta pathologies-surgical decisionmaking Tim Pennel	Paediatric cardiac services in Africa Gwila Taha	Moderators: Doug Shook Faculty: Charles Nyman, Stanton Sherman, Joost Van der Maaten	Moderators: Matthew Gibbs, Massimiliano Meineri Faculty: Ntombiyethu Biyase, David Canty, Bongiwe Manyathi, Adriaan Van Rensburg, Stephen Venter, Erik Sloth, Stephanie Fischer	Moderators: Krubin Naidoo Faculty: Stefaan Bouchez, Maged Salah, David Thompson, Poonam Kapoor
	Assessing macro- and micro- circulation during CPB Yunseok Jeon	Acute aortic syndromes- anaesthesia implications Yianni Augoustides	Development of a paediatric cardiac risk score using artificial intelligence Palesa Mogane			
	Monitoring challenges in developing countries Agya Prempeh	Neuro monitoring and protection during vascular procedures Hendrik Maakamedi	The failing fontan - anaesthesia considerations Richard Ing			
	EEG guided anaesthesia managment Hong Liu	TAVI - the African perspective Nontsikelelo Manithshana	The patient with CHD presenting for non-cardiac surgery Stella Chikumbanje			
	The pulmonary artery catheter and other CO monitors Andrew Levin	Challenges during aorta interventions Hossam El Ashmawi	Paediatric heart transplantation: Update on outcomes, and anaesthetic implications Annette Schure			
	Questions and panel discussion	Questions and panel discussion	Questions and panel discussion			



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15h30 - 16h00		Tea/Coffee				
		Cath / EP lab Farouk Mamdoo	The lung and thoracic anaesthesia 1 Jae-Hyon Bahk Ross Hofmeyr	Paediatric cardiac ICU Andrew Nyman Stephanie Fischer	Wetlab cardiac anatomy	Echo - POCUS / FATE / TTE 2 15h30 - 17h30
	16h00 - 16h20	Left atrial appendage occluder - update Ludmil Mitrev	Protecting the lung from cancer Alessia Pedoto	Postoperative challenges in the paediatric cardiac ICU Joost van der Maaten	Moderators: Doug Shook Faculty: Charles Nyman, Stanton Shernan, Joost Van der Maaten	Moderators: Matthew Gibbs, Massimiliano Meineri Faculty: Hendrik Maakamedi, Fabio Papa, Edwin Turton, Tony Keene
	16h20 - 16h40	Electrophysiology and RF ablations Felipe Montoya	Protective lung ventilation - what's new? Randy Blank			
	16h40 - 17h00	VT ablation and anaesthesia managememt Charles Nyman	Mediastinal mass - management choices Angela Ongewe	Acute kidney injury predictors during paediatric cardiac surgery Gontse Leballo		
	17h00 - 17h20	TAVI perspective from the developing world Navneet Mehta	Complexity of pulmonary hypertension and its implication in lung resection surgery Deepak Tempe	Heart failure and mechanical support in adult patients with congenital heart disease Pablo Motta		
	17h20 - 17h40	Anaesthesia challenges for paediatric cardiac catheter interventions Adri Vorster	One-lung ventilation - choices and data Ross Hofmeyr	Temporal progression of the congenital cardiac patient Andre Brooks		
	17h40 - 18h00	Questions and panel discussion	Questions and panel discussion	Questions and panel discussion		
19h30 - 23h00		Speaker's Dinner				

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Friday, 1st December 2023

07h00 - 08h00		PBLDs	1) Management strategies for failing to wean off CPB Christopher Troianos, Kathy Glas, Patrick Wouters		2) Delirium after cardiac surgery Hong Liu, Hushan Ao, Mukhul Kapoor, Naman Shastri		3) Goal directed therapy in the critically ill patient Michael Sander, Fabio Guaraccino							
Venue		Hall A & B												
08h00 - 10h00		Global health and advocacy		- Artificial intelligence in healthcare: Role of anaesthesiology - Climate change and its impact on cardiovascular disease - The anaesthesiologist's perspective and experience in global congenital cardiac surgery - Innovative approaches to cardiovascular disease prevention in Africa - Burnout in anaesthesia										
10h00-10h30		Tea/Coffee												
Venue	Hall A		Hall B		Hall C		Workshops							
							Hall D		MR 8 + 9		MR 10		MR 11	
	Blood and perfusion Arno Nierich		Cardiac ICU adult Rosita Bihariesing Ghislain Doufle		Valvular heart disease - decision making Tony Keene Larry Rampini		Ultrasound guided vascular access 10h30 - 12h30		Chinese society of cardiothoracic and vascular anesthesiology Africa summit 10h30 - 18h00		Scientific poster session 10h30 - 12h30		Thoracic / Airway 10h30 - 12h30	
10h30 - 10h50	Minimizing blood loss in cardiac surgery Marcus Lance		The effect of ventilation on the delicate cardiopulmonary system Justiaan Swanevelder		Advances in aortic valve surgery Willie Koen		Moderators: Edwin Turton, David Canty Faculty: Johan Bence, Erik Sloth		CSCVTA SESSION		Moderators: Christella Alphonsus Faculty: Jake Abernathy, Yong G Peng, Mary Beth Brady, Yunseok Jeon Scientific poster (selected poster for oral presentation)		Moderators: Randy Blank, Ross Hofmeyr Faculty: Jae-Hyon Bahk, Mmapali Mokapela, Al Perrino, Wanda Popescu	
10h50 - 11h10	Transfusion thresholds - update David Mazer		Predicting atrial fibrillation after cardiac surgery Ben O'Brien		AV repair - anaesthesia perspective Christopher Troianos									
11h10 - 11h30	Iron deficiency and heart disease Nqoba Tsabedze		Sedation practices in the cardiac ICU - what's the evidence Lian Kah Ti		Challenges in mitral valve surgery Henry Skinner									
11h30 - 11h50	Perioperative patient blood management in the developing countries Matthew Gibbs		Goal directed fluid management Michael Sander		MV repair - the role of TEE Stan Shernan									
11h50 - 12h10	Cell salvage, do we have the answers? Daniel Bolliger		Vasoplegia in cardiac surgery - management choices? Priya Menon		MV repair versus replacement, the African perspective Larry Rampini									
12h10 - 12h30	Questions and panel discussion		Questions and panel discussion		Questions and panel discussion									



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12h30 - 13h30		Lunch Industry sponsored lectures				
	Challenging patients and cardiac support Priya Menon Willie Koen	Vascular anaesthesia challenges Angela Ongewe Massimiliano Meineri	Atria, RV and pulmonary hypertension Patrick Wouters Mary Beth Brady	Research workshop 13h30 - 15h30	CSCVTA SESSION	Basic TOE / TEE course 13h30 - 17h30
13h30 - 13h50	Myocardial protection Jong-Hwan Lee	The challenges of preventing DVT in a resource limited setting David Nekyon	RV - pulmonary arterial coupling - hemodynamic assessment Johan Bence	Moderators: Bruce Biccard Faculty: Christella Alphonsus, Hilary Grocott, Moses Kebalepile		Moderators: Justiaan Swanevelder Faculty: Raul Guillen, Angela Mahdi, Fabio Papa, Adriaan Van Rensburg
13h50 - 14h10	Surgical treatment for ventricular dysfunction Naman Shastri	Pulmonary endarterectomy and thromboembolism - perioperative challenges Palesa Motshabi	Imaging of the atria and the implications of strain Edwin Turton			
14h10 - 14h30	Mechanical support Stephen Bouchez	Vascular procedures - general anaesthesia vs conscious sedation Dragana Unic Stojanovic	Pulmonary hypertension and RV failure - perioperative management Muralidhar Kanchi			
14h30 - 14h50	ECMO and the patient with pulmonary hypertension Ghislaine Douffe	Cerebral protection during aortic surgery Hlamatsi Moutlana	Mechanical support for the RV Yong G Peng			
14h50 - 15h10	Coagulation management during ECMO Poonam Malhotra Kapoor	Spinal cord protection during aortic surgery Hilary Grocott	Do we really need iNO - what are our options? Andrew Nyman			
15h10 - 15h30	Questions and panel discussion	Questions and panel discussion	Questions and panel discussion			



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15h30 - 16h00		Tea/Coffee				
16h00 - 16h20 16h20 - 16h40 16h40 - 17h00 17h00 - 17h20 17h20 - 17h40 17h40 - 18h00	Transplant, ECMO David Thomson Elmari Neethling	The lung and thoracic anaesthesia 2 Mmapali Mokapela Wanda Popescu	Structural heart disease Edwin Turton Bozena Woltersom	Abstract presentations	CSCVTA SESSION	Basic TOE / TEE course
	Mechanical support in developing countries - what are the challenges? Martin Sussman	Regional blocks for thoracic procedures Himani Bhatt	Structural heart disease in developing countries - update Francis Smit	Abstract Moderator: Robert Dyer Abstract faculty: Hilary Grocott, Moses Kebalepile, Andrew Levin, Malcolm Miller, Hlamatsi Moutlana		Moderators: Justiaan Swanevelder Faculty: Raul Guillen, Angela Mahdi, Fabio Papa, Adriaan Van Rensburg
	Extracorporeal life support, lessons from the developing World Moleboheng Mokotjo	Lung transplantation Rosemberg Albores	Tricuspid catheter interventions Mias Pretorius			
	Awake ECMO Gianluca Paternoster	Optimal fluid management during thoracic surgery Al Perrino	Structural heart disease interventions - evolving role of the cardiac anaesthesiologist Martin Kim			
	Heart and Kidney transplantation - current practice outcomes Juan Bianco	Bronchopleural fistula, how to manage? Vojka Neskovic	General versus MAC for TAVR - what's the evidence Fabio Guarracino			
	Heart transplantation	One lung ventilation strategies in paediatric surgery Monica Hervias Sanz	Mitral valve interventions - new developments Joerg Ender			
	Questions and panel discussion	Questions and panel discussion	Questions and panel discussion			
19h00 - 22h00		Congress Dinner				

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07h00 - 08h00		PBLDs	1) Advances in endoscopic thoracic interventions Wanda Popescu, Randy Blank, Jae-Hyon Bahk		2) The effect of cardiac surgery on paediatric neurological development Yong G Peng, Barry Kussmann, Annette Schure, Monica Hervias Sanz		3) ECMO, VA vs VV Ghislain Doufle			
Venue		Hall A & B								
08h00 - 10h00		International collaboration	• My society, your society - Developments in our society and collaborations around the world • Going global - International academy of cardiac anaesthesia societies • World survey on cardiac anaesthesia practice • Uniting cardiac anaesthesia care - the future ahead • Mentorship in cardiothoracic anaesthesia							
10h00-10h30		Tea/Coffee								
Venue	Hall A		Hall B		Hall C		Workshops			
							Hall D	MR 8 + 9	MR 10	MR 11
	Cardiovascular practice advances Nontsikelelo Manithshana Henry Skinner		CPB Dean Murphin Hossam El Ashmawi		Echo Johan Bence		Ethics in cardiovascular medicine, anaesthesia and Surgery 10h30 - 15h30	Patient blood management 10h30 - 12h30	Chinese society of cardiothoracic and vascular anesthesiology Africa summit 10h30 - 15h45	Advanced TOE / TEE 10h30 - 15h30
10h30 - 10h50	Hypertension and cardiac failure in Africa Neusa Jesse		Myocardial protection - what are the evidences? Uday Gandhe		TEE training and credentialling - the US perspective Madhav Swaminathan		Moderators: David Thomson, Benido Impouma Faculty: Simukai Machawira, Angela Muhodzya	Moderators: David Mazer, Daniel Bolliger Faculty: Daniel Bainbridge, Mona Momeni, Justiaan Swanevelder	CSCVTA SESSION	Moderators: Stanton Sherman, Joerg Ender Faculty: Chiro Mukherjee, Madhav Swaminathan, Sue Wright
10h50 - 11h10	Transcatheter tricuspid valve replacement: What are the next steps Doug Shook		Vasoplegia - pharmacological choices and evidence Gianluca Paternoster		TEE training and credentialling - the global perspective Chiro Mukherjee					
11h10 - 11h30	Left ventricular - arterial coupling Fabio Guarracino		Modified ultrafiltration for congenital heart surgery - what's the evidence? Richard Ing		Perioperative POCUS guidelines and education Massimiliano Meineri					
11h30 - 11h50	Off-pump coronary artery bypass surgery - what's the evidence? Arno Nierich		Vasodilator agents in paediatric cardiac surgery Caetano Nigro Neto		TEE assessment for septal myectomy in HOCM					
11h50 - 12h10	Minimally invasive cardiac surgery Jacques Scherman		Difficulty weaning off CPB - what are the choices? Elmari Neethling		Interventional echo Mary-Beth Brady					
12h10 - 12h30	Questions and panel discussion		Questions and panel discussion		Questions and panel discussion					



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	ERAS Alex Mitnacht Muralidhar Kanchi	Obstetric patient with cardiac disease Mtselisi Mbeki Robert Dyer	Diversity and inclusion Kathy Glas Palesa Motshabi	Ethics in cardiovascular medicine, anaesthesia and Surgery	Thoracic one - lung 13h30 - 15h30	Advanced TOE / TEE
13h30 - 13h50	Intraoperative ventilation in cardiac surgery Mukul Kapoor	Cardiac disease in advanced maternal age in the developing world Edwin Lugazia	Barriers to career advancement in anaesthesia Idit Matot	Moderators: David Thomson, Benido Impouma Faculty: Simukai Machawira, Angela Muhodzya	Moderators: Ross Hofmeyr, Alessia Pedoto Faculty: Monica Hervias, Mmapali Mokapela, Vojka Neskovic	CSCVTA SESSION Moderators: Stanton Sherman, Joerg Ender Faculty: Chiro Mukherjee, Madhav Swaminathan, Sue Wright
13h50 - 14h10	Opioid reduction "pro" Renier Verbeek	Managing valve disease in pregnancy Blanche Cupido	Women in CV medicine Poonam Malhostra Kapoor			
14h10 - 14h30	Thoracic ERAS Wanda Popescu	Congenital heart disease in the pregnant patient Ernesto Teran				
14h30 - 14h50	Adult cardiac ERAS Dean Murphie	Heart failure in pregnancy Karen Sliwa	The aging anaesthesiologist and professional responsibilities Bozena Woltersom			
14h50 - 15h10	Paeds cardiac ERAS Carol Bodlani	Pulmonary hypertension in pregnancy Aysha Osman	Teaching cardiac anaesthesia in the millennial era and beyond Raul Guillen			
15h10 - 15h30	Questions and panel discussion	Questions and panel discussion	Questions and panel discussion			



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	Cardiac surgery outcomes Renier Verbeek	Common sense session - The art vs science of cardiac anaesthesia Deepak Tempe Justiaan Swanevelder	Transfusion / coagulopathy Idit Matot Carol Bodlani	
16h00 - 16h20	Deep sternal wound infection: Diagnosis, treatment and prevention Nian Chih Hwang	Simulation in cardiac anaesthesia Sue Wright	Postsurgery anticoagulation in developing countries Isaac Adembesa	
16h20 - 16h40	Cardiac surgery and anaesthesia in China Hushan Ao	Five cardiovascular diagnoses you should not miss as an anaesthetist Fawzia Aboul Fetouh	Novel oral anticoagulants (NOACs) and antiplatelet drugs - implications for surgery Anthony Beeton	
16h40 - 17h00	African outcomes and risk scores in cardiac surgery Andrew Duncan	Myths, dogma and facts in cardiac anaesthesia Stephanie Fischer	Postoperative coagulopathy Daniel Bainbridge	
17h00 - 17h20	Steroids in cardiac surgery - what's the evidence? Arno Nierich	Human error and teamwork in the cardiac operating theater Jake Abernathy	Point of care blood and coagulation monitoring Mona Momeni	
17h20 - 17h40	Acute kidney injury after cardiac surgery - update Andy Shaw	Using human factor engineering to improve operating room safety Scott Reeves	Antifibrinolytics - evidence and dosing David Mazer	
17h40 - 18h00	Questions and panel discussion	Questions and panel discussion	Questions and panel discussion	
18h00 - 18h30		Closing remarks - adjournment		

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