

**4TH ANNUAL PERIOPERATIVE CARDIOTHORACIC CONGRESS
PROVISIONAL ACADEMIC PROGRAMME**

Updated: 1 September 2015

WEDNESDAY, 11 NOVEMBER 2015	
07h15	Registration
SESSION 1	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: PHYSIOLOGY AND RHYTHM CHAIRPERSON:
08h15 - 08h30	Welcome Prof Justiaan Swanevelder, Anaesthesiology, Cape Town
08h30 - 08h50	The Pulse Dr Ashley Chin, Cardiology, Cape Town
08h50 - 09h10	Cardiorespiratory Physiology, from Equation to Bedside, Five Important Principles Dr Andre Coetzee, Anaesthesiology, Tygerberg
09h10 - 09h30	Revisit the ECG, Understanding Perioperative Arrhythmias Dr Ashley Chin, Cardiology, Cape Town
09h30 - 09h50	RV, No Longer Forgotten, But Not Yet Understood? Dr Stephanie Fischer, Anaesthesiology, Johannesburg
09h50 - 10h10	Assessing Myocardial Viability Dr Ntobeko Ntusi, Cardiology, Cape Town
10h10 - 10h30	Discussion
10h30 - 11h00	Tea and Exhibition
SESSION 2	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: VENTRICULAR FUNCTION / CONDITIONING / ISCHAEMIA / MONITORING CHAIRPERSON:
11h00 - 11h20	Management of Perioperative Ischaemia Dr Shaheen Pandie, Cardiology, Cape Town
11h20 - 11h40	Quantifying Diastolic Function: Does it Matter Intra-Operatively? Dr Stanton Shernan, Anaesthesiology, Boston, USA
11h40 - 12h00	Myocardial Conditioning for Cardioprotection: A Myth or Reality? Prof Sandrine Lecour, Basic Science / Physiology, Cape Town
12h00 - 12h20	Myocardial Conditioning and Anaesthesia: A Marriage Forever? Dr Nkanyiso Hadebe, Anaesthesiology, Cape Town
12h20 - 12h40	Cardioplegia and Myocardial Protection Dr Graeme Wilson, Anaesthesiology, Cape Town
12h40 - 13h00	Discussion
13h00 - 14h00	Lunch and Exhibition
SESSION 3	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: CONGENITAL CARDIOLOGY / CATH LAB / IMAGING CHAIRPERSON:
14h00 - 14h20	Cardiac Genetics: Any Use in Everyday Practice? Dr Rik De Decker, Cardiology, Cape Town
14h20 - 14h40	The Child with Congenital Heart Disease on the Operating Table: How Did it Get There? Dr John Lawrenson, Cardiothoracic Surgery, Cape Town
14h40 - 15h00	Assessing Grown-Up Congenital Disease with MRI Dr Ntobeko Ntusi, Cardiology, Cape Town
15h00 - 15h20	Perioperative Risk Assessment in Aortic Syndromes / Marfan's Disease Prof Karen Sliwa-Hahnle, Cardiology, Cape Town
15h20 - 16h00	Workshop and Discussion: Case Reports and Patient Management Developing World Pathologies - Rheumatic Heart Disease, TB, HIV Prof Johan Diedericks & Dr Edwin Turton, Anaesthesiology, Bloemfontein
16h00 - 16h30	Tea and Exhibition
SESSION 4	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: CONGENITAL / GROWN-UP CONGENITAL HEART DISEASE (GUCH) CHAIRPERSON:
16h30 - 16h50	Bypass Strategies and Myocardial Protection During Congenital Cardiac Surgery Dr Andre Brooks, Cardiothoracic Surgery, Cape Town
16h50 - 17h10	The Evaluation of Cerebral Oxygenation and Perfusion During Anaesthesia for Congenital Heart Disease Patients Dr Barry Kussman, Anaesthesiology, Boston, USA
17h10 - 17h30	"Shunts and Bands": What Does it Mean to the General Anaesthetist in Non-Cardiac Surgery? Prof Jenny Thomas, Anaesthesiology, Cape Town
17h30 - 17h45	Discussion

THURSDAY, 12 NOVEMBER 2015	
07h30	Registration
SESSION 5	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: BRAIN, KIDNEY AND OUTCOMES CHAIRPERSON:
08h30 - 08h50	Neurodevelopmental Outcome in Congenital Heart Disease Patients: Can We Influence That? Dr Barry Kussman, Anaesthesiology, Boston, USA
08h50 - 09h10	Transfusion Practices and Blood Management During Cardiac Surgery, Adults and Paediatrics Dr Palesa Motshabi, Anaesthesiology, Johannesburg
09h10 - 09h30	Acute Kidney Injury in the Cardiac Surgical Patient Dr Stephanie Fischer, Anaesthesiology, Johannesburg
09h30 - 09h50	Effects of Bleeding and Blood Transfusion on Renal Outcomes Dr Sean Bennett, Anaesthesiology, Jeddah, Saudi Arabia
09h50 - 10h10	The Cardiac ICU Patient and Renal Support: When to Act? Dr Jenna Piercy, Intensive Care, Cape Town
10h10 - 10h30	Discussion
10h30 - 11h00	Tea and Exhibition
SESSION 6	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: EXTRACORPEAL MECHANICAL SUPPORT OF THE CARDIOPULMONARY SYSTEM CHAIRPERSON:
11h00 - 11h20	Acute Lung Injury: Has Anything Changed? Dr Andre Coetzee, Anaesthesiology, Tygerberg
11h20 - 11h40	Common Pitfalls in Ventilating Strategies Dr Ivan Joubert, Intensive Care, Cape Town
11h40 - 12h00	The Role of Extracorporeal Life Support in Intensive Care Today: Methods, Indications and Evidence Dr Andy Roscoe, Anaesthesiology, Cambridge, UK
12h00 - 12h20	ECMO for Organ Failure in Adults: Difference Between VV and VA Dr Gerry Capotis, Intensive Care, Johannesburg
12h20 - 12h40	ECMO for Neonates and Paediatric Patients: Is it Different to Adult ECMO? Dr Barry Kussman, Anaesthesiology, Boston, USA
12h40 - 13h00	Discussion
13h00 - 14h00	Lunch and Exhibition
SESSION 7	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: THE "DELICATE" PATIENT CHAIRPERSON:
14h00 - 14h20	Cardiac Output Monitoring Dr Malcolm Miller, Intensive Care, Cape Town
14h20 - 14h40	Focussed Echocardiography in Perioperative Medicine: What is New? Dr Sean Bennett, Anaesthesiology, Jeddah, Saudi Arabia
14h40 - 15h00	Pheochromocytoma and the Heart Prof Andrew Levin, Anaesthesiology, Tygerberg
15h00 - 15h20	Hydatid Disease Dr Kotie Bester & Dr Guy Picken, Anaesthesiology, Cape Town
15h20 - 15h40	Discussion
15h40 - 16h00	Tea and Exhibition
SESSION 8	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: THORACICS CHAIRPERSON:
16h00 - 16h20	Perioperative Pulmonary Hypertension Dr Andy Roscoe, Anaesthesiology, Cambridge, UK
16h20 - 16h40	Interventional Fiberoptic Bronchoscopy Prof Keertan Dheda, Pulmonology, Cape Town
16h40 - 17h00	What is New in Thoracic Anaesthesia: Do We Still Sit on the "Three-Legged Stool"? Dr Peter Slinger, Anaesthesiology, Toronto, Canada
17h00 - 17h20	Lung Transplantation Dr Andy Roscoe, Anaesthesiology, Cambridge, UK
17h20 - 17h30	Discussion

FRIDAY, 13 NOVEMBER 2015	
07h30	Registration
SESSION 9	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: MITRAL VALVE: PATHOLOGY, REPLACEMENT, REPAIR CHAIRPERSON:
08h30 - 08h50	Rheumatic Heart Disease, An African Challenge Dr Adriaan Myburgh, Anaesthesiology, Cape Town
08h50 - 09h10	Rheumatic Mitral Valve Assessment Dr Blanche Cupido, Cardiology, Cape Town
09h10 - 09h30	Can We Repair the Rheumatic Mitral Valve? Prof Johan Brink, Cardiothoracic Surgery, Cape Town
09h30 - 09h50	Mitral Regurgitation, Repair or Replace: What does the 3D Data Say? Dr Stanton Shernan, Anaesthesiology, Boston, USA
09h50 - 10h10	TV and RV Assessment Speaker TBC
10h10 - 10h30	Discussion
10h30 - 11h00	Tea and Exhibition
SESSION 10	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: VALVULAR HEART DISEASE AND SURGICAL ADVANCES, INTRA OP DECISION MAKING CHAIRPERSON:
11h00 - 11h20	Surgical Repair of the Degenerative Mitral Valve Dr Jacques Scherman, Cardiothoracic Surgery, Cape Town
11h20 - 11h40	Anaesthesia for Minimally Invasive Cardiac Surgery: What is Different? Dr Renier Verbeek, Anaesthesiology, Cape Town
11h40 - 12h00	Residual Regurgitation After Mitral Valve Repair: How to Act? Dr Johannes van der Westhuizen, Anaesthesiology, Bloemfontein
12h00 - 12h20	Paravalvular Leaks After Valve Replacement: When is it too Much? Dr Charles Nyman, Anaesthesiology, Boston, USA
12h20 - 12h30	HIV and Tuberculosis Affecting the Cardiovascular System Prof Mpiko Ntsekhe, Cardiology, Cape Town
12h30 - 12h45	Discussion
12h45 - 13h45	Lunch and Exhibition
SESSION 11	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: VALVULAR HEART DISEASE – PATHOLOGY, REPLACEMENT, REPAIR, NEW ADVANCES CHAIRPERSON:
13h45 - 14h05	Outcomes of Aortic Valve Surgery Dr Tim Pennel, Cardiothoracic Surgery, Cape Town
14h05 - 14h25	Perioperative Prosthesis-Patient Mismatch: When is the Gradient too High? Prof Justiaan Swanevelder, Anaesthesiology, Cape Town
14h25 - 14h45	Aortic Arch and Thoracic Aorta Surgery Dr Marlise Du Preez & Dr Francois Roodt, Anaesthesiology, Cape Town
14h45 - 15h05	Valvular Heart Disease at the Interface of 1st and 3rd World - The Future Prof Peter Zilla, Cardiothoracic Surgery, Cape Town
15h05 - 15h25	Hybrid Cardiac Catheter Laboratory, Procedures and Interdisciplinary Interaction Dr Doug Shook, Anaesthesiology, Boston, USA
15h25 - 15h30	Discussion
15h30 - 16h00	Tea and Exhibition
SESSION 12	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: HYBRID / CATH LAB PROCEDURES – TAVI / MITRACLIP, MELODY, NEW ADVANCES CHAIRPERSON:
16h00 - 16h20	TAVI, Cardiology-Cardiac Surgical and Team Collaboration Dr Hellmuth Weich, Cardiology, Tygerberg
16h20 - 16h40	Echocardiography, CT and MRI for TAVI Decision Making: Anything New? Dr Doug Shook, Anaesthesiology, Boston, USA
16h40 - 17h00	Anaesthesia and Intraoperative Management of the TAVI Patient Dr Charles Nyman, Anaesthesiology, Boston, USA
17h00 - 17h20	MitraClip: Will it Work in Africa? Dr Jacques Scherman, Cardiothoracic Surgery, Cape Town
17h20 - 17h30	Discussion
SESSION 13	VENUE: SIMON'S RESTAURANT, GROOT CONSTANTIA CATEGORY: SYMPOSIUM DINNER CHAIRPERSON:
19h00	Is Wine Good for your Heart? Prof Sandrine Lecour, Basic Science / Physiology, Cape Town

SATURDAY, 14 NOVEMBER 2014	
07h30	Registration
SESSION 14	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: ETHICS CHAIRPERSON:
09h00 - 09h20	Cardiothoracic Services and Training in Africa: An Ethical Dilemma? Prof Peter Zilla, Cardiothoracic Surgery, Cape Town
09h20 - 09h40	Congenital Heart Disease – Who to Operate On and Who Not: An Ethical Dilemma? Dr John Hewitson, Cardiothoracic Surgery, Cape Town
09h40 - 10h00	High Cardiac Risk Pregnancy, Mother Versus Foetus: An Ethical Dilemma? Prof Karen Sliwa-Hahnle, Cardiology, Cape Town
10h00 - 10h20	Are Intraoperative Handovers or Leaving the Patient Under Assistant Care Associated with Harm? Dr Sylvia Heijke, Anaesthesiology, Cape Town
10h20 - 10h40	The Future of Cardiovascular Services in South Africa: Can We Still Ignore This Problem? Dr Beth Engelbrecht, Department of Health, Cape Town
10h40 - 11h15	Tea and Exhibition
SESSION 15	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: CARDIAC DISEASE AND PREGNANCY CHAIRPERSON:
11h15 - 11h35	Peripartum Cardiomyopathy and Subsequent Pregnancy Prof Karen Sliwa-Hahnle, Cardiology, Cape Town
11h35 - 11h55	New Concepts in Maternal Cardiac Disease: Evidence for a “Cardioplacental Syndrome” Prof Rob Dyer, Anaesthesiology, Cape Town
11h55 - 12h15	Management of Congenital and Acquired Heart Valve Disease in Obstetrics: Perioperative Challenges Prof Justiaan Swanevelder, Anaesthesiology, Cape Town
12h15 - 12h35	Intraoperative Transesophageal Echocardiography for Non-Cardiac Surgery Dr Stanton Shernan, Anaesthesiology, Boston, USA
12h35 - 12h50	Discussion
12h50 - 14h00	Lunch and Exhibition
SESSION 16	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: RISK ASSESSMENT CHAIRPERSON:
14h00 - 14h20	Risk Assessment: The Anaesthetic Pre-Assessment Clinic Dr Marcin Nejthardt, Anaesthesiology, Cape Town
14h20 - 14h40	Preoperative Cardiac Risk Assessment for Non-Cardiac Surgery Prof Mpiko Ntsekhe, Cardiology, Cape Town
14h40 - 15h00	The American Heart Association Algorithm: Does it Apply to Us? Prof Bruce Biccadd, Anaesthesiology, Durban
15h00 - 15h30	Perioperative Cardiac Assessment Congenital Heart Disease Undergoing Non-Cardiac Surgery Dr Barry Kussman (Scenarios), Anaesthesiology, Boston, USA
15h30 - 16h00	Tea and Exhibition
SESSION	VENUE: VINEYARD CONFERENCE CENTRE, CAMPHOR ROOM CATEGORY: THE LUNG CHAIRPERSON:
16h00 - 16h20	What is New in Thoracic Surgery - What do I Want from my Anaesthetist? Prof Tony Linegar, Cardiothoracic Surgery, Cape Town
16h20 - 17h00	Debate and Discussion: Intravenous vs. Inhalational Agent During Thoracic Surgery: Does the Anaesthetic Make a Difference to the Patient Outcome? Dr David Duthie, Anaesthesiology, Leeds, UK & Dr Peter Slinger, Anaesthesiology, Toronto, Canada
17h00	Congress Closure