

2016 Techno Practicum College SCIENTIFIC PROGRAM

0700 REGISTRATION

0700 Breakfast | *Industry Exhibition Area*

Scientific Session 1 *Aortic Root & Aortic Valve Repairs* **Chairpersons | Trevor Fayers**

0755 Welcome Notes
Homayoun Jalali

0800 1.1 Imaging of the Aortic Valve, LVOT and Aortic Root in the Context of Interventions for the Aortic Root Aneurysm or LVOTO
Daryl Burstow

0820 1.2 Please don't cut out that Aortic Valve!
Duke Cameron - International Guest Presenter

0840 1.3 Aortic Valve Repair
George Matalanis

0850 1.4 Everyone can do Valve Sparing Aortic Root Replacement
Homayoun Jalali

0900 1.5 The Ross Procedure for the Dilated Root with Valves Beyond Repair
Peter Skillington

0915 1.6 HOCM the heart team at work!
Paul Bannon

0930 1.7 HOCM, The LA Approach
Fred Mohr - International Guest Presenter

0945 1.8 Case Presentation: 39 y/o Male Dilated Root Competent Valve
Daryl Burstow - Panel

1000 MORNING REFRESHMENTS | *Industry Exhibition Area*

Scientific Session 2 *Aortic Valve Replacement, the New Era* **Chairpersons | Paul Bannon & David Muller**

1030 2.1 Imaging of the Aortic Valve, LVOT and Aortic Root in the Context of TAVI and SAVR
Greg Scalia

1050 2.2 Surgical AVR Including TAVI by Surgeons 5 years from now in Germany
Fred Mohr - International Guest Presenter

1110 2.3 Surgical AVR Including TAVI by Surgeons 5 years from now in Australia
Michael Vallely

1120 2.4 TAVI Including Trans Apical by Cardiologists 5 years from now in Germany
Gerhard Schuler - International Guest Presenter

1140 2.5 TAVI Including Trans Apical by Cardiologists 5 years from now in Australia
Tony Walton

1155 2.6 Native Aortic Valve Endocarditis Caused by *Granulicatella Adiacens*
Claudia Villanueva

1200 2.7 The Trans Apical Approach. Why when and how?
Michael Wilson

1210 2.8 Valve in Valve. Redo AVR in 2020 will be mostly Transcatheter
Gerhard Schuler - International Guest Presenter

1220 2.9 Case Presentation: 68 y/o low risk AVR in 5 years from now
Greg Scalia, Darren Walters, Chris Raffel - Panel

1230 LUNCH | *Industry Exhibition Area*

1230 Lunch Symposium 1: Case Presentation & Discussion
We Can Repair Nearly Everything!
Michael Borger, Charles Bruce, Randolph Chitwood, Greg Scalia, Darryl Burstow, Jurgen Passage

Scientific Session 3

Atrial Fibrillation & Exclusion of the LAA

Chairpersons | Steve Fenton & Michael Yii

1330 3.1 The Use of Novel Oral Anticoagulant in the Perioperative Period of Cardiac Rhythm Device Insertion
Reece Davies

1335 3.2 Imaging Relevant to Interventions for AF Ablation and LAA Exclusion
Julie Humphries

1350 3.3 Current Status of Catheter Ablation for AF

1410 3.4 The Maze Procedure
James Cox - International Guest Presenter

1430 3.5 MI and Robotic Concomitant Maze
Randolph Chitwood - International Guest Presenter

1450 3.6 Transcatheter Closure of the LAA
Gerhard Schuller - International Guest Presenter

1505 3.7 Interventions for Exclusion of LAA with or without Previous Surgery
Jason Sharp

1520 3.8 Case Presentation: 50 y/o female MR and PAF
Julie Humphries - Panel

1530 AFTERNOON REFRESHMENTS | *Industry Exhibition Area*

Scientific Session 4

MI AVR & Sutureless/Rapid Deployment Valves

Chairpersons | Michael Wilson & Simon Moten

1600 4.1 Paradoxical Embolus in Transit and Extensive Surgical Pulmonary Embolectomy in a Patient with a Subdural Hemorrhage
Thilina Bandara

1605 4.2 MI Sutureless AVR
Mattia Glauber - International Guest Presenter

1620 4.3 Sutureless AVR
Randolph Chitwood - International Guest Presenter

1630 4.4 Rapid Deployment AVR
Michael Borger - International Guest Presenter

1645 4.5 Current Generation TAVI Devices
Martin Ng

1700 4.6 True Frameless Biological AVR
Shigeyuki Ozaki - International Guest Presenter

1720 4.7 The Outcomes of Rapid Deployment Aortic Valves Compared to Conventional Aortic Valves
Reece Davies

1725 4.8 Case Presentation: 74 y/o Male Pure AS, Which Access and what Valve?

1745 WELCOME RECEPTION | *Industry Exhibition Area*

- 0700 Breakfast | *Industry Exhibition Area*
- 0715 Sunrise Session 1: Safe Reoperative Sternotomy
Duke Cameron - International Guest Presenter
- Sunrise Session 2: TOE - Masterclass for the Mitral Interventionist and Their Anesthetist
Greg Scalia
- Sunrise Session 3: Professor Ozaki Masterclass
Shigeyuki Ozaki - International Guest Presenter
- Sunrise Session 4: Anesthesia, Perfusion & Myocardial Protection for MI MV Surgery and RAT AVR
Alex Cavdarski

Scientific Session 5

Mitral Valve Repair, Current State of the Art Chairpersons | *Homayoun Jalali & Greg Scalia*

- 0800 5.1 Mitral Valve Imaging pre/post Mitral Valve Repair
Charles Bruce - International Guest Presenter
- 0820 5.2 Mitral Valve Repairs which cannot be Denied to any Patient
Fred Mohr - International Guest Presenter
- 0840 5.3 Don't Leave the Tricuspid Valve Behind
Trevor Fayers
- 0850 5.4 Expert Level Mitral Valve Repairs
Randolph Chitwood - International Guest Presenter
- 0910 5.5 Right Antero-Lateral Mini-Thoracotomy – Beyond Primary Mitral Valve Surgery
Jurgen Passage
- 0920 5.6 Mitral Valve Trans-catheter Repairs
Gerhard Schuler - International Guest Presenter
- 0940 5.7 Novel Approaches to MV Repair
Michael Borger - International Guest Presenter
- 0950 5.8 Case Presentation: 48 Year old Female Barlow's and Competent Tricuspid with Dilated Annulus
Greg Scalia - Panel
- 1000 MORNING REFRESHMENTS | *Industry Exhibition Area*

Scientific Session 6

New Horizons in Interventions for the Mitral Valve Chairpersons | *Randolph Chitwood & Chris Raffel*

- 1030 6.1 Mitral Valve Imaging Pre/Post Trans-Catheter Mitral Valve Repair or Replacements
Charles Bruce - International Guest Presenter
- 1050 6.2 Trans Catheter MVR
David Muller
- 1110 6.3 Options to Treat Functional MR
Paul Jansz
- 1120 6.4 Future TAVI and TMVR Devices
- 1140 6.5 TAVR vs. TMVR - Similarities and Differences
Darren Walters
- 1200 6.6 Transcatheter Valve-in-valve Therapy for Mitral Bioprosthetic Degeneration
Fred Mohr - International Guest Presenters
- 1210 6.7 Overcoming Paravalvular Leak in TAVR and TMVR
Martin Ng
- 1220 6.8 Transcatheter Mitral Interventions 5 years from now
Charles Bruce - International Guest Presenter - Panel

1230 LUNCH | *Industry Exhibition Area*

1230 Lunch Symposium 2: Case Presentation & Discussion
TAVI and TMVI have the Surgeons lost the Battle?
Greg Scalia, Darryl Burstow, Jurgen Passage, Duke Cameron, Michael Vallely, Fred Mohr, Chris Raffel, David Muller

Scientific Session 7 *Valve Repairs in CHD*

- 1330 7.1 Infective Endarteritis in a Patient with Patent Ductus Arteriosus
Claudia Villanueva
- 1335 7.2 Imaging for MV and TV Repairs in CHD
- 1350 7.3 MV Repair in CHD
Christian Brizard
- 1410 7.4 TV Repair in CHD
Richard Chard
- 1425 7.5 Tricuspid Valve Replacement Using an Extracellular Matrix Cylinder Reconstruction
Timea Jurth
- 1430 7.6 Anesthesia for CHD in Adults
Eric James
- 1445 7.7 Transcatheter PVR
Darren Walters
- 1500 7.8 Surgical PVR, for who and what Valve?
Douglas Wall
- 1515 7.9 Aortic Valve and Aortic Root Repair in CHD
Duke Cameron - International Guest Presenter
- 1530 AFTERNOON REFRESHMENTS | *Industry Exhibition Area*

Scientific Session 8 *Evolving Boundaries of Mitral Valve Repair*

- 1600 8.1 Surgical Management of Severe Blunt Cardiac Injury Resulting in Left Ventricular Rupture
Lawrence Nair
- 1605 8.2 MI MV Repair is not only Small Incision Surgery
Fred Mohr - International Guest Presenter
- 1620 8.3 Don't let SAM Compromise your Repair
Hugh Wolfenden
- 1630 8.4 Robotics gives you no Limits
Randolph Chitwood - International Guest Presenter
- 1645 8.5 Demystifying Rings
David Bell & Manu Mathur
- 1700 8.6 Future of MV Repair / NeoChord Device
Michael Berger - International Guest Presenter
- 1710 8.7 MitraClip – Update on Local Experience
Jurgen Passage
- 1720 8.8 MI Combined MVR and AVR
Mattia Glauber - International Guest Presenter
- 1730 8.9 Massive Metastatic Intracardiac Squamous Cell Carcinoma of the Uterine Cervix
Lawrence Nair
- 1745 WINE & CHEESE RECEPTION | *Industry Exhibition Area*

- 0700 Breakfast | *Industry Exhibition Area*
- 0730 Sunrise Session 1: Aspects of Anatomy/Abnormal Physiology and Repair Procedures for the Aortic Valve
George Matalanis & Peter Skillington
- Sunrise Session 2: TOE - Masterclass for the Aortic Interventionist
Darryl Burstow & Charles Bruce

Master Class 1

*I would like to Repair more Mitral Valve than I Currently do.
I Would also like to Progress to MI at Some Stage*

0800 - 1000

- 0800 MC1.1 Can't Repair without Understanding its Dynamics
Charles Bruce - International Guest Presenter
- 0820 MC1.2 MV Repair Technics for Pathologies Which Should Always be Repairable
Michael Berger - International Guest Presenter
- 0840 MC1.3 Progress to the Point of Nearly Never Needing to Replace for Degenerative Disease
Homayoun Jalali
- 0850 MC1.4 Complex Pathologies
Trevor Fayers
- 0900 MC1.5 Ask for Help or Refer Rather than Replace
Randolph Chitwood - International Guest Presenter
- 0920 MC1.6 MI when to start and how to get there
Fred Mohr - International Guest Presenter
- 0940 MC1.7 Is this a good repair?
Darryl Burstow

Master Class 2

*I'm Still in Two minds about the Maze Procedure:
Convince me & show me how I Should do it!*

0800 - 1000

- 0800 MC2.1 Pathophysiology of AF and Impacts on Health
James Cox & Michael Yii
- 0830 MC2.2 Is AF my Problem as a Surgeon?
- 0850 MC2.3 Rationale for the Maze IV Lesion Set
James Cox - International Guest Presenter
- 0920 MC2.4 This is my Practice and here are my Results
Michael Yii
- 0940 MC2.5 This is my Practice and here are my Results
Homayoun Jalali
- 1000 MORNING REFRESHMENTS | *Industry Exhibition Area*

Master Class 3

TAVI & TMVI: I am Ready to get on Board Understanding my Strengths & Weaknesses as a Surgeon

1030 - 1230

Chairpersons | Fred Mohr & Gerhard Schuler

1030	MC3.1	TAVI and TMVI and MC: Where to start and how to Plan my Progress? Paul Jansz
1045	MC3.2	TAVI and TMVI and MC: Current Status Chris Raffel
1100	MC3.3	Can't do it until you Understand the Imaging Greg Scalia
1120	MC3.4	How to Learn Wire Skills? Martin Ng
1135	MC3.5	Anesthesia for TAVI and TMVI Sarvesh Natani
1150	MC3.6	Trans Femoral Approach Michael Vallely
1210	MC3.7	Let me Cure your Trans Apical Phobia! Michael Wilson

Master Class 4

I Would like to Offer Minimally Invasive AVR to my Patients

1030 - 1230

1030	MC4.1	Mini Sternotomy or RAT Michael Borger - International Guest Presenter
1045	MC4.2	With Sutureless and Rapid Deployment Mattia Glauber - International Guest Presenter
1100	MC4.3	With Standard Prosthesis Homayoun Jalali
1115	MC4.4	With Standard Prosthesis and CoreKnot Hugh Wolfenden
1130	MC4.5	Imaging for RAT AVR
1145	MC4.6	CP Bypass and Older Patients Duke Cameron
1200	MC4.7	Dangers & Pitfalls Trevor Fayers
1215	MC4.8	How to Minimize Heart Block
1230		CONFERENCE CLOSURE & LUNCH <i>Industry Exhibition Area</i>

Cox Maze IV

AtriCure Maze IV Accreditation Course for the Surgical Treatment of Atrial Fibrillation

1330 - 1730

Facilitators | James Cox & Michael Yii
