

IMPERIAL VALVE AND CARDIOVASCULAR COURSE

Tuesday 20th – Friday 23rd November 2018
The King's Fund - London, UK

DAY 1 – TUESDAY 20TH NOVEMBER

IVCC 2018 TRAINING DAY

08:55 **Welcome and Introduction**

Ghada Mikhail

09:00 - 11:40 - SpR Training Lectures – Burdett Lecture Theatre

Panel: Rodney Foale, Darrel Francis, Luke Howard, Ramzi Khamis, Ghada Mikhail, Nilesh Sutaria

09:00 A Fellow's Masterclass in IVUS & OCT

Ramzi Khamis

09:20 Right Heart Catheterization - interpretation quiz for valves and pulmonary hypertension

Luke Howard

09:40 Confident Echocardiographic Quantification of Aortic Stenosis

Nilesh Sutaria

10:00 Ischemia – what is it?

Darrel Francis

10:20 *Refreshments & Visit Exhibition*

10:40 **Specialist Registrar Case Presentation Session**

11:40 – 12:30 - Live MDT Case Based Discussions – Burdett Lecture Theatre

Chairs: Rodney Foale, Iqbal Malik

Panel: Jonathan Afoke, Roberto Casula, Michael Fertleman, Nick Linton, Boon Lim, Nilesh Sutaria

Case 1 - Coronary conundrum

Case 2 - Stroke prevention?

Case 3 - Narrowed Valve - what would you do with this aortic valve?

12:30 *Lunch & Visit Exhibition*

13:00 - 14:45 - TAVI Nurses Forum – Maynard Theatre B (Ground Floor)

Facilitators: Angela Frame, Daniel Crollman

13:00 **Presentation & Discussion**
TAVI In the Cath Lab 2018
Patient Preparation for TAVI

14:00 **Practical Session: Loading TAVI Valves**
Edwards Sapien 3
Medtronic Evolut R
Portico Valve

13:00 - 14:45 - Live MDT Case Based Discussions – Burdett Lecture Theatre

Chairs: Rodney Foale, Iqbal Malik

Panel: Jonathan Afoke, Roberto Casula, Michael Fertleman, Nick Linton, Boon Lim, Nilesh Sutaria

Case 1 - Leaky valve

Case 2 - Heart Failure

Case 3 - Arrhythmia

13:00 - 16:45 - Hands on Training and Breakout sessions

Simulator training on Coronary angioplasty and TAVI

10:00 - 13:00 - TAVI Nurses Forum – Maynard Theatre B (Ground Floor)

Facilitators: Angela Frame, Daniel Crollman

10:00 **Presentation & Discussion**
The Role of the TAVI Nurse
The TAVI Patient Pathway

11:40 - 16:45 - TAVI Workshop (Maynard A - Lower Ground Floor)

CT for TAVI - The Role of CT in TAVI Assessment

- Principles of CT and Data Acquisition/ Protocols
- Reconstruction

Fundamentals of Annular Assessment and Clinical Relevance

Case Review - Hands-on Annular Assessment

- Annular Diameter Perimeter and Area Measurements

Ancillary Measurements

- Aortic Valve Calcification Score
- Coronary Ostia Heights
- Catheter Angles
- Ascending Aorta

Case Review - Hands-on TAVI Measurements

Vascular Assessment

Post TAVI Findings and Complications

Summary and Conclusion

16:45 – 17:00 **IVCC Young Cardiologist of the Year Prize Presentation**

17:00 – 17:15 **Closing Remarks**



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MORNING DAY 2 – WEDNESDAY 21ST NOVEMBER

09:10 **Welcome and Introduction** *Ghada Mikhail*

PERCUTANEOUS AND SURGICAL TREATMENT OF VALVULAR HEART DISEASE

TAVI SESSION

09:15 **How to Assess the Severity of Aortic Stenosis** *Nilesh Sutaria*

09:30 **Update on TAVI Devices** *Antonio Colombo*

09:45 **TAVI cases – Filmed at Imperial College Healthcare Trust, London, UK**

Operators: *Iqbal Malik, Ghada Mikhail, Neil Ruparelia, Sayan Sen*

Panel: *Eberhard Grube, Ghada Mikhail, Vas Panoulas, Patrizia Presbitero, Bernard Prendergast, Bernhard Reimers, Corrado Tamburino*

Commentator: *Antonio Colombo*

10:45 **TAVI Tips and Tricks – ‘when things go wrong’ Case Review Dession** *Eberhard Grube*

11:00 Refreshments & visit Exhibition

11:20 **TAVI cases – Filmed at Imperial College Healthcare Trust, London, UK**

Operators: *Iqbal Malik, Ghada Mikhail, Neil Ruparelia, Sayan Sen*

Panel: *Antonio Colombo, Gajen Kanaganyagam, Iqbal Malik, Georg Nickenig, Bernard Prendergast, Bernhard Reimers, Neil Ruparelia*

Commentator: *Eberhard Grube*

12:20 **TAVI cases – Filmed at San Raffaele Hospital, Milan, Italy**

Operator: *Antonio Colombo*

Panel: *Eberhard Grube, Iqbal Malik, Philip MacCarthy, Ghada Mikhail, Gennaro Sardella, Sayan Sen, Emmanouil Vavouranakis*

Commentator: *Antonio Colombo*

13:20 Refreshments & visit Exhibition

AFTERNOON DAY 2 – WEDNESDAY 21ST NOVEMBER

MITRAL AND TRICUSPID VALVE SESSION

Panel: *Christopher Baker, Michael Bellamy, Antonio Colombo, Iqbal Malik, Ghada Mikhail, Petros Nihoyannopoulos, Corrado Tamburino*

14:00 **Percutaneous Technologies for Mitral Valve Intervention** *Olaf Franzen*

14:20 **Percutaneous Technologies for Tricuspid Valve Intervention** *Georg Nickenig*

14:40 **Update on Percutaneous Valve Procedures in the UK** *Peter Ludman*

INDUSTRY SESSION

Panel: *Christopher Baker, Michael Bellamy, Antonio Colombo, Eberhard Grube, Iqbal Malik, Ghada Mikhail, Corrado Tamburino*

14:50 **Industry Session I - Abbott Vascular**

Title TBC

TBC

14:05 **Industry Session II – Edwards Lifesciences**

Title TBC

Javed Osman

15:20 Refreshments & visit Exhibition

15:40 **Aortic Valve Surgical Case – Filmed at Imperial College Healthcare Trust, London, UK**

Operator: *Andrew Chukwuemeka*

Panel: *George Asimakopoulos, Kamran Baig, Andrew Chukwuemeka, Ulrich Rosendahl, Nilesh Sutaria*

Commentator: *Andrew Chukwuemeka*

16:20 **Update on Surgical Techniques for Mitral Valve Surgery** *Mattia Glauber*

16:35 **Mitral Valve Surgical Case – Filmed at Imperial College Healthcare Trust, London, UK**

Operator: *Roberto Casula*

Panel: *Kamran Baig, Roberto Casula, Petros Nihoyannopoulos, Nilesh Sutaria*

Commentator: *Mattia Glauber*

17:15 **Closing Remarks**

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MORNING DAY 3 – THURSDAY 22ND NOVEMBER

08:55 Introduction to the day *Christopher Baker*

LMS ANGIOPLASTY

09:00 Techniques for LMS Angioplasty *Eberhard Grube*

09:15 **PCI Cases – Filmed at Imperial College Healthcare Trust, London, UK**

Operators: Ghada Mikhail, Sukh Nijjer

Panel: Christopher Baker, Adrian Banning, Rodney Foale, Eberhard Grube, Ghada Mikhail, Sukh Nijjer, Patrizia Presbitero

Commentator: Antonio Colombo

BIFURCATION LESIONS

10:00 Techniques for Treating Bifurcation Lesions *Corrado Tamburino*

10:15 **PCI Cases – Filmed at Imperial College Healthcare Trust, London, UK**

Operators: Ghada Mikhail, Punit Ramrakha

Panel: Iqbal Malik, Philip MacCarthy, Carlo Di Mario, Georg Nickenig, Sukh Nijjer, Punit Ramrakha, Corrado Tamburino

Commentator: Carlo Di Mario

11:00 Refreshments & visit Exhibition

CALCIFIED LESIONS

11:15 Techniques for Treating Calcified Lesions *Antonio Colombo*

11:30 **PCI Cases – Filmed at Imperial College Healthcare Trust, London, UK**

Operators: Christopher Baker, Ramzi Khamis

Panel: Christopher Baker, Adrian Banning, Michael Bellamy, Carlo Di Mario, Ghada Mikhail, Patrizia Presbitero, Punit Ramrakha

Commentator: Eberhard Grube

12:15 **PCI cases: Filmed at San Raffaele Hospital, Milan, Italy**

Operator: Antonio Colombo

Panel: Christopher Baker, Rodney Foale, Eberhard Grube, Ramzi Khamis, Ghada Mikhail, Iqbal Malik

Commentator: Antonio Colombo

13:00 Lunch & visit Exhibition

AFTERNOON DAY 3 – THURSDAY 22ND NOVEMBER

ATHEROSCLEROSIS AND TRANSLATIONAL RESEARCH

Panel: Justin Davies, Rodney Foale, Jamil Mayet

13:30 **Novel Strategies in the Diagnosis and Treatment of Coronary Artery Disease - from Targeting the Immune System to the Molecular Targeting of Plaque** *Ramzi Khamis*

13:45 **Exploring Targets in Atherosclerosis - could old agents play new tricks** *Dorian Haskard*

14:00 **From EuroIntervention – Highlights of Translational and Practice Changing Research** *Ramzi Khamis*

CORONARY PHYSIOLOGY

14:15 **An Update on Syntax II** *Adrian Banning*

14:30 **The ORBITA Trial – why the controversy?** *Darrel Francis*

14:45 **Use of IFR for Assessing Lesion Severity** *Justin Davies*

15:00 **PCI Cases: Filmed at Imperial College Healthcare Trust, London, UK**

Operators: Justin Davies, Sayan Sen

Panel: Adrian Banning, Darrel Francis, Rasha Al Lamee, Sukh Nijjer, Jamil Mayet, Patricia Presbitero, Sayan Sen

Commentator: Justin Davies

15:45 Refreshments & visit Exhibition

CHRONIC TOTAL OCCLUSION

16:00 **Step by Step Approach to Treating CTO lesions** *Sunao Nakamura*

16:15 **PCI Cases: Filmed at Imperial College Healthcare NHS Trust, London, UK**

Operators: Christopher Baker, Elliot Smith

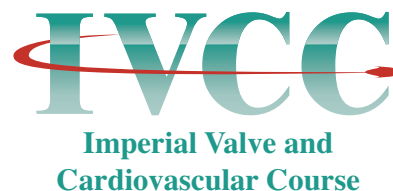
Panel: Christopher Baker, Raffi Kaprielian, Carlo Di Mario, James Spratt, Elliott Smith

Commentator: Sunao Nakamura

17:00 Closing Remarks

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MORNING DAY 4 – FRIDAY 23RD NOVEMBER

08:55 Introduction to the day

Iqbal Malik

STRUCTURAL HEART DISEASE SESSION

PFO/ASD CLOSURE

09:00 Indications for PFO Closure for Stroke Prevention

Iqbal Malik

09:15 An Overview of PFO/ASD Closures

Bushra Rana

09:30 ASD Closure – Filmed at Imperial College Healthcare Trust, London, UK

Operator: *Iqbal Malik*

Panel: *Christopher Baker, Eberhard Grube, Iqbal Malik, Nilesh Sutaria, Punit Ramrakha, Horst Sievert*

Commentator: *Shakeel Qureshi*

10:00 SpR Structural Case Presentation Session

10:50 Refreshments & visit Exhibition

PARAVALVULAR LEAK CLOSURE

11:05 An Overview of Paravalvular Leak Closure

Nilesh Sutaria

11:20 Paravalvular Leak Closure – Filmed at Imperial College Healthcare Trust, London, UK

Operator: *Iqbal Malik*

Panel: *Iqbal Malik, Ghada Mikhail, Patrizia Presbitero, Shakeel Qureshi,*

Nilesh Sutaria

Commentator: *Horst Sievert*

LAA CLOSURE

11:55 An Overview of LAA Closure Techniques

Georg Nickenig

12:20 Imaging for LAA Closure

Bushra Rana

CORONARY FISTULAE

Panel: *Christopher Baker, Iqbal Malik, Ghada Mikhail, Horst Sievert*

12:35 A Twenty Year Experience of Closing Coronary Fistulae

Shakeel Qureshi

13:00 IVCC Young Cardiologist of The Year Prize for Structural Case Presentation

Shakeel Qureshi

13:15 Closing Remarks

13:20 Lunch and close of Meeting