

# The Imperial College COVID-19 Cardiovascular Conference



**LIVE WEBINAR**

**Stream online for free:**

<https://bit.ly/2WTXr7C>

**14:00 - 18:00 BST (UTC +1), Thursday 2 April 2020**

The aim of this webinar is to share current knowledge and key experiences of managing COVID-19 related Cardiovascular manifestations as well as key issues in team preparedness, prevention and command and control.

## **Topics covered include:**

- A Cumulative Clinical Experience of COVID-19
- The Science Behind COVID-19 and Cardiovascular Disease and Therapeutic Possibilities
- Prevention, Equipment and Information Technology
- Team Working and Adaptation

### CHECK YOUR LOCAL TIME:

**Los Angeles, CA, USA - 06:00 PDT (UTC -7)**  
**New York, NY, USA - 09:00 EDT (UTC -4)**  
**London, United Kingdom - 14:00 BST (UTC +1)**

**Cairo, Egypt - 15:00 EET (UTC +2)**  
**Delhi, India - 18:30 IST (UTC +5:30)**  
**Beijing, China - 21:00 CST (UTC +8)**

## The Imperial College COVID-19 Cardiovascular Conference

### Conference Conveners



**Dr Ramzi Khamis**

Co-head of Cardiology (COVID-19 response), Imperial College HNT  
Clinical Senior Lecturer, BHF fellow and  
Consultant Interventional Cardiologist



**Prof Jamil Mayet**

Clinical Director of Cardiac Services  
(COVID-19 response), Imperial College  
HNT  
Professor of Cardiology



**Prof Dorian Haskard**

Professor of Cardiovascular Medicine and  
Rheumatology, Imperial College London  
Convener of the Imperial College  
Network of Excellence in Vascular  
Sciences



**Dr Adam Hartley**

Wellcome Trust Clinical Research Fellow,  
Imperial College London  
Cardiology Registrar

### Faculty

Dr Rasha Al-Lamee	Clinical Senior Lecturer and Consultant Interventional Cardiologist, Imperial College London UK
Mr Jon Anderson	Cardiothoracic Head of Specialty, Imperial College HNT; Consultant Cardiothoracic Surgeon
Dr Ahran Arnold	NIHR BRC Clinical Research Fellow, Imperial College London; Cardiology Registrar
Dr Chris Baker	Consultant Cardiologist, Imperial College HNT
Dr Joseph Boyle	Clinical Reader in Molecular Vascular Pathology, National Heart & Lung Institute, Imperial College London, UK
Mr Andy Chukwuemeka	Hammersmith Hospital Associate Medical Director, Imperial College HNT; Consultant Cardiothoracic Surgeon
Dr Graham Cole	Consultant Cardiologist, Imperial College HNT
Dr Sunthar Kanaganayagam	Consultant Cardiologist, Imperial College HNT
Dr Daniel Keene	NIHR Clinical Lecturer, Imperial College London; Cardiology Registrar
Prof Ajay Kirtane	Professor of Medicine at Columbia University Irving Medical Centre and Director of the Cardiac Catheterization Laboratories at New York Presbyterian Hospital, USA
Dr David Lefroy	Consultant Cardiologist, Imperial College HNT
Dr Alfonso Ielasi	Consultant Cardiologist, Sant' Ambrogio Cardio-Thoracic Center GSD, Milan
Dr Amir Lerman	Director Cardiovascular Research Center, Department of Cardiovascular Medicine, Mayo Clinic, USA
Boon Lim	Consultant Cardiologist, Imperial College HNT
Dr Nick Linton	Consultant Cardiologist, Imperial College HNT
Dr Iqbal Malik	Consultant Cardiologist, Imperial College HNT
Prof Justin Mason	Head of the Cardiovascular Division, National Heart & Lung Institute, Imperial College London, UK
Dr Ghada Mikhail	Consultant Cardiologist, Imperial College HNT
Dr Sukh Nijjer	Consultant Cardiologist, Imperial College HNT
Prof Peter Openshaw	Professor of Experimental Medicine at Imperial College London and Consultant Physician in the Department of Respiratory Medicine
Dr Punam Pabari	Consultant Cardiologist, Imperial College HNT
Dr Ricardo Petraco	NIHR Clinical Lecturer in Interventional Cardiology; Consultant Cardiologist, Imperial College HNT
Dr Bushra Rana	Consultant Cardiologist, Imperial College HNT
Prof Simon Ray	President at the British Cardiovascular Society; Consultant Cardiologist at Manchester University NFT
Prof Richard Schilling	Deputy Clinical Director of Nightingale Hospital Excel London; Professor of Cardiology, St Bartholomew's Hospital, UK
Dr Sayan Sen	Consultant Cardiologist, Imperial College HNT
Dr Amanda Varnava	Co-head of Cardiology (COVID-19 response), Consultant Cardiologist, Imperial College HNT
Dr Taryn Youngstein	Consultant Rheumatologist, Imperial College HNT

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### Programme

14:00 Welcome and Introduction Ramzi Khamis

#### SESSION 1: A CUMULATIVE CLINICAL EXPERIENCE OF COVID-19

Chairs: Jamil Mayet, Ramzi Khamis

14:03 Session Introduction Ramzi Khamis

14:08 Experience from Italy Alfonso Ielasi

14:15 Experience from New York, USA Ajay Kirtane

14:22 Establishing an Emergency Field Hospital (Nightingale Excel) Richard Schilling

14:29 Q&A

#### SESSION 2: THE SCIENCE BEHIND COVID-19 AND CARDIOVASCULAR DISEASE AND THERAPEUTIC POSSIBILITIES

Chairs: Justin Mason, Adam Hartley

14:33 Session Introduction Justin Mason

14:35 Immunopathogenesis of COVID-19 Peter Openshaw

14:42 Risk of Vascular Complications in COVID-19 Joe Boyle

14:49 COVID-19 Myocarditis? Graham Cole

14:55 Hydroxychloroquine Justin Mason

15:00 Colchicine Dorian Haskard

15:05 Anti-IL-6 Therapy Taryn Youngstein

15:11 Novel Technologies for Investigating COVID-19 and the Cardiovascular System Amir Lerman

15:18 Q&A

#### SESSION 3: PREVENTION, EQUIPMENT AND INFORMATION TECHNOLOGY

Chairs: Simon Ray, Amanda Varnava

15:22 Session Introduction Amanda Varnava

15:27 UK Guidelines for Safe Working in Cardiology Simon Ray

15:34 Prevention in the Cardiac Catheter Laboratory Ricardo Petraco and Sayan Sen

15:41 Prevention in the Echo Department Bushra Rana

15:48 IT Measures to Reduce COVID-19 Infection Sukh Nijjer and Ahran Arnold

15:55 Classification of Elective Case Admissions Sayan Sen and Boon Lim

16:02 Q&A

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#### SESSION 4: TEAM WORKING AND ADAPTATION

Chairs: Jamil Mayet, Andy Chukwuemeka

16:06	Session Introduction	Jamil Mayet
16:11	Adaptation to Acute Coronary Syndrome Pathways	Ricardo Petraco
16:18	Adaptation to Ward Arrangements	Nick Linton
16:25	Adaptation to Ambulance Services	Chris Baker
16:32	Adaptation to Clinical Networks and Inter-Hospital Working	Iqbal Malik
16:39	Special Considerations in the Cardiac Catheter Laboratory	Ghada Mikhail
16:46	Staffing Special Considerations	David Lefroy and Daniel Keene
16:53	Maintaining Staff Welfare during the Outbreak	Punam Pabari
17:00	Influencing Public Policy and Fundraising	Rasha Al-Lamee
17:07	Adapting Outpatient and Imaging Services in the Midst of COVID-19	Amanda Varnava
17:14	Adapting Cardiothoracic Surgery Services with COVID-19	Jon Anderson
17:21	Making Difficult Clinical Decisions during the Outbreak	Sunthar Kanaganayagam
17:28	Q&A	
<b>17:32</b>	<b>Conclusion and Wrap Up</b>	