

Cardiac Disease and Anaesthesia Symposium

26–27 April 2023



Venue: Royal College of Anaesthetists, London

Clinical Content Leads: Professor Pierre Foex and Professor Helen Higam

Patients with heart disease can present on any elective list, and as emergencies. The aim of the symposium is to explore areas of clinical importance for all practising anaesthetists. The event brings together expert cardiologists, anaesthetists, and intensivists, bringing a truly multidisciplinary approach to complex problems making it easier for all of us to better understand the pathophysiology of heart disease and how to manage patients with often complex problems.

The programme will explore a wide range of topics with plenty of opportunities to question the experts, take stock and translate the most recent evidence into our clinical practice for the benefit of our patients.

Topics will include:

- Congenital heart disease
- Pulmonary hypertension
- Valvular heart disease
- Preoperative assessment of cardiac patients
- Heart disease in pregnancy
- Patients with LVADs

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Royal College of Anaesthetists

Cardiac Symposium: Day one

Wednesday 26 April 2023

09:00–09:50	Registration and Network Checks	
09:50–10:00	Welcome and introduction	Professor Pierre Foex, Oxford
Session one Preoperative assessment of the cardiac patient		
10:00–10:25	Human factors and the cardiac patient	Professor Helen Higham, Oxford
10:25–10:50	Cardiac biomarkers and the surgical patient	Professor Pierre Foex, Oxford
10:50–11:15	Non-invasive cardiac evaluation	Dr Andrew Kelion, Oxford
11:15–11:35	Q&A discussion	
11:35–12:00	Break	
Session two Pulmonary hypertension challenges		
12:00–12:25	Pathophysiology of pulmonary hypertension	Professor Sean Gaine, Dublin
12:25–12:50	Perioperative management of the patient with pulmonary hypertension	Dr Ruth Newton, Sheffield
12:50–13:05	Q&A discussion	
13:05–14:00	Lunch break	
Session three The Adult with Grown-Up Congenital Heart Disease		
14:00–14:25	Overview of GUCH	Dr Bejal Pandya, London
14:25–14:50	Anaesthesia for GUCH patients	Dr Matthew Barnard, London
14:50–15:05	Q&A discussion	
15:05–15:30	Break	
Session four The surgical patient with coronary disease		
15:30–15:55	Pathophysiology of coronary heart ischemia	Professor Raj Kharbanda, Oxford
15:55–16:20	Management of patients with known coronary disease	Dr Georgina Flood, Dublin
16:20–16:35	Q&A discussion	
16:35–17:00	Closing comments	Professor Pierre Foex, Oxford
17:00	Close	

Programme is subject to change.

Cardiac Symposium: Day two

Thursday 27 April 2023

08:00–08:55	Registration and Network Checks	
08:55–09:00	Welcome and introduction	Professor Helen Higham, Oxford
Session one The supported heart		
09:00–09:25	The patient with a left ventricular assist device	Dr Claire Scanlon, Birmingham
09:25–09:50	Anaesthesia for the patient with a transplanted heart	Dr Shane George, Cambridge
09:50–10:15	The Place of ECMO in 2023	Dr Miguel Garcia, Manchester
10:15–10:35	Q&A discussion	
10:35–11:00	Break	
Session two Valvular Heart Disease		
11:00–11:25	Pathophysiology of valvular heart disease	Professor Saul Myerson, Oxford
11:25–11:50	Anaesthesia for patients with valvular heart disease	Dr Charles Chan, Oxhord
11:50–12:10	Q&A discussion	
12:10–13:00	Lunch break	
Session three Problems and Solutions		
13:00–13:25	Heart disease in pregnancy	Dr Katherine von Klemperer, London
13:25–13:50	Heart Devices and Anaesthesia	Dr Adrian Morley Davies, Stoke on Trent
13:50–14:15	Concerns about arrhythmias	Dr Adrian Morley Davies, Stoke on Trent
14:15–14:35	Q&A discussion	
14:35–15:10	Break	
Session four Drugs and the Heart		
15:10–15:35	Cancer treatment related cardiac issues	Dr Arjun Ghosh, London
15:35–16:00	Do anaesthetics protect the heart?	Professor Gudrun Kunst, London
16:00–16:25	Post-Covid patients: risks of surgery	Professor Pierre Foex, Oxford
16:25–17:05	Q&A discussion	
17:05	Close	