

Section 1. Imaging

1.1: Echocardiography, *Luigi P. Badano, Elena Surkova, Denisa Muraru, Chiara Palermo, and Patrizia Aruta*

1.2: Cardiac magnetic resonance imaging, *Jonathan Rodrigues and Benjamin Hudson*

1.3: Cardiac computed tomography, *Jonathan Rodrigues and Benjamin Hudson*

1.4: Nuclear techniques, *Nik Sabharwal and Katharine Thomas*

Section 2. Coronary Artery Disease

2.1: Acute coronary syndrome, *Mark Mariathas, Phillip Freeman, Majd Protty, and Flo Mouy*

2.2: Chronic coronary syndrome, *Gemina Doolub, Sri Raveen Kandan, Phillip Freeman, and Majd Protty*

2.3: Cardiac catheterisation, *Dan McKenzie and Paul Brady*

Section 3. Valvular Heart Disease

3.1: Valvular heart disease, *Sarah Hudson and Richard Baker*

3.2: Infective endocarditis, *Bernard Prendergast, Joanna Abramik, and James Tomlinson*

Section 4. Rhythm disorders

4.1: The electrocardiogram, *S M Afzal Sohaib, Mark Elliott, Vishal S Mehta, and Adam Graham*

4.2: Transient loss consciousness, *Boon Lim, Patricia Taraborrelli, and Dimitrios Panagopoulos*

4.3: Atrial fibrillation and flutter, *Kim Rajappan and Dan Raine*

4.4: Arrhythmias and implantable cardiac devices, *Richard Bond and Howell Williams*

Section 5. Heart Failure

5.1: Heart failure syndromes, *Andrew Clark and Abdul Hameed*

5.2: Cardiomyopathies, *Angus Nightingale, Eva Sammut, and Rhian Richardson*

5.3: Pericardial disease, *Nav Masani and Abbas Zaidi*

5.4: Cardio-oncology and cardiac tumours, *Arjun Ghosh*

Section 6. Acute Cardiovascular Care

6.1: Acute cardiovascular care, *Ben Gibbinson and Ursula McHugh*

6.2: Cardiac arrest, resuscitation and sudden cardiac death, *Richard Bond and Stewart Brown*

Section 7. Prevention, Rehabilitation and Sport

7.1: Sports cardiology, *Joyee Basu and Daniel X Augustine*

7.2: Primary prevention and dyslipidaemia, *Oliver Watkinson and David Murphy*

7.3: Arterial hypertension, *Tim Fairbairn and James Redfern*

7.4: Diabetes, *Mimi Z. Chen and Konstantinos Gkastaris*

7.5: Cardiac rehabilitation, *Dimitra Nikolettou*

Section 8. Cardiac Patients in Other Settings

8.1: Aortic disease and trauma to the aorta or heart, *David Wilson*

8.2: Peripheral artery disease, *Marcus Brooks and Mahim Qureshi*

8.3: Thromboembolic disease, *Jay Suntharalingam and James Harper*

8.4: Pulmonary hypertension, *Gerry Coghlan and Hossam Fayed*

8.5: Adult congenital heart disease, *Graham Stuart and Victoria North*

8.6: Cardiovascular disease in pregnancy, *Stephanie Curtis*

Section 9. Cardiological Consultation

9.1: The patient undergoing non-cardiac surgery, *James Rosengarten and Hiten Patel*

9.2: The patient with neurological symptoms, *James Choulerton and Helen Sims*

9.3: The patient with chronic kidney disease, *Diana Vassallo and Dimitrios Poulikakos*

9.4: The patient with pulmonary disease, *Patrick Murphy and Georgios Kaltsakas*

9.5: The patient with rheumatic disorders, *John D Pauling and Lesley-Anne Bissell*

Section 10. Genetics and Clinical Pharmacology

10.1: Genetics, *Victoria McKay and Stewart Brown*

10.2: Clinical pharmacology, *Christopher Nicholas Floyd and Alexander Carpenter*