

Section 1. Imaging

- 1.1: Echocardiography, *Luigi P. Badano, Elena Surkova, Denisa Muraru, Chiara Palermo, and Patriza Aruta*
- 1.2: Cardiac magnetic resonance imaging, *Theo Karamitsos and Chrysovalantou Nikolaidou*
- 1.3: Cardiac computed tomography, *Jonathan Rodrigues, Benjamin Hudson, Oliver Gosling, and Kate Liang*
- 1.4: Nuclear techniques, *Nik Sabharwal and Katharine Thomas*

Section 2. Coronary Artery Disease

- 2.1: Acute coronary syndrome, *Mark Mariathas, and Flo Mouy*
- 2.2: Chronic coronary syndrome, *Phillip Freeman and Majd Protty*
- 2.3: Cardiac catheterisation, *Dan McKenzie and Paul Brady*

Section 3. Valvular Heart Disease

- 3.1: Aortic valve disease, *Sarah Hudson, Daniel X Augustine, and James Tomlinson*
- 3.2: Mitral valve disease, *Sarah Hudson, Daniel X Augustine, and James Tomlinson*
- 3.3: Tricuspid valve disease, *Sarah Hudson, Daniel X Augustine, and James Tomlinson*
- 3.4: Pulmonary valve disease, *Sarah Hudson, Daniel X Augustine, and James Tomlinson*
- 3.5: Multi-valvular disease, *Shaun Robinson and James Tomlinson*
- 3.6: Prosthetic valves, *Sarah Hudson, Daniel X Augustine, and James Tomlinson*
- 3.7: Infective endocarditis, *Bernard Prendergast, James Harrison, and James Tomlinson*

Section 4. Rhythm disorders

- 4.1: The electrocardiogram, *S M Afzal Sohaib and Mark Elliott*
- 4.2: Transient loss consciousness, *Boon Lim and Katharine Thomas*
- 4.3: Bradycardia and pacemakers, *Richard Bond and Howell Williams*
- 4.4: Supraventricular tachycardia, *Richard Bond, Howell Williams, Christopher Nicholas Floyd, and Alexander Carpenter*
- 4.5: Atrial fibrillation, *Kim Rajappan and Dan Raine*
- 4.6: Atrial flutter, *Kim Rajappan and Dan Raine*
- 4.7: Ventricular arrhythmia, *Richard Bond and Howell Williams*
- 4.8: Cardiac ion channel dysfunction, *Richard Bond, Howell Williams, Victoria McKay, and Stewart Brown*
- 4.9: Implantable cardioverter defibrillator, *Richard Bond and Howell Williams*
- 4.10: Cardiac re-synchronisation therapy and His bundle pacing, *Richard Bond and Howell Williams*

Section 5. Heart Failure

- 5.1: Heart failure syndromes, *Andrew Clark, Abdul Hameed, Christopher Nicholas Floyd, and Alexander Carpenter*
- 5.2: Cardiomyopathies, *Angus Nightingale, Eva Sammut, Victoria McKay, Stewart Brown and Rhian Richardson*
- 5.3: Pericardial disease, *Nav Masani and Abbas Zaidi*
- 5.4: Cardiac tumours, *Arjun Ghosh*

5.5: Cardio-oncology, *Arjun Ghosh*

Section 6. Acute Cardiovascular Care

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

6.2: Cardiac arrest and resuscitation, *Richard Bond and Ahmed Merghani*

6.3: Sudden cardiac death, *Richard Bond and Ahmed Merghani*

Section 7. Prevention, Rehabilitation and Sport

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

7.2: Primary prevention, *Scott Murray and David Murphy*

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

7.4: Dyslipidaemia, *Scott Murray, David Murphy, Christopher Nicholas Floyd, and Alexander Carpenter*

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

7.6: Cardiac rehabilitation, *Dimitra Nikolettou*

Section 8. Cardiac Patients in Other Settings

8.1: Aortic disease, *David Wilson*

8.2: Trauma to the aorta or heart, *David Wilson*

8.3: Peripheral artery disease, *Marcus Brooks and Fjalar Elvarsson*

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

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

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

8.7: 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, Helen Sims, Oliver Watkinson, and Laura Pannell*

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

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*

9.6: The patient with erectile dysfunction, *Greg Shaw, Piotr Pawel Swiniarski, and David Ralph*

Section 10. Genetics and Clinical Pharmacology

10.1: Genetics, *Victoria McKay and Stewart Brown*

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