



ST2: Essentials in Cardiothoracic Surgery Course

Venue

Nottingham City Hospital
Postgraduate Education Centre

22nd and 23rd of September 2025

Programme

Course Directors

Aiman Alzetani

Consultant Thoracic Surgeon, Southampton Hospital

Kasra Shaikhrezai

Consultant Cardiac Surgeon, Golden Jubilee National Hospital - Glasgow

Faculty List

Cardiac Surgery Faculty	
TBC	
Simon Messer	Consultant Cardiac & Transplantation Surgeon Golden Jubilee National Hospital - Glasgow
Duncan Steele	Consultant Cardiac Surgeon Liverpool Cardiothoracic Centre
TBC	
Kasra Shaikhrezai	Consultant Cardiac Surgeon Golden Jubilee National Hospital - Glasgow
Thoracic Surgery Faculty	
Alan Kirk	Consultant Thoracic Surgeon Golden Jubilee National Hospital - Glasgow
John Pilling	Consultant Thoracic surgeon Guy's and St Thomas' NHS Foundation Trust.
Vanessa Rogers	Consultant Thoracic Surgeon Birmingham Heartlands Hospital - Birmingham
Abdul Badran	Consultant Thoracic Surgeon Basildon Hospital
Aiman Alzetani	Consultant Thoracic Surgeon University Hospital Southampton – Southampton

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2025

Day 1		
08:15 – 08:30	Registration	
08:30 – 08:45	Welcome and Introduction	Aiman Alzetani / Kasra Shaikhrezai
08:45 - 13:00 (with Coffee 10:45 – 11:00)	Rotation A (4 groups: 60 min per session)	
	1. Cardiopulmonary bypass & myocardial protection	Simon Messer
	2. ITU: cardiovascular management – inotropes & Pacing	Duncan Steele
	3. Thoracic imaging – CT & PET	Vanessa Rogers / Alan Kirk
	4. Lung MDTs Fitness and case selection Thoracic surgery scenarios	Abdul Badran/ John Pilling
13:00 – 13:30	Boxed Lunch	
13:30 - 17:45 (with Coffee 15:30 – 15:45)	Rotation B (4 groups: 60 min per session)	
	Rib fixation & Trauma Scenarios	Abdul Badran/ John Pilling/Vanessa Rogers/Alan Kirk
	Saphenous vein harvesting	1 cardiac faculty
	4. Median sternotomy dissection of the heart Aortic cannulation	Simon Messer/Duncan Steele
	5. IABP insertion & management	IABP Rep/ Kasra Shaikhrezai
17:45 – 18:15	??? IMA if more cadavers	1 cardiac faculty
19:45	Course dinner	

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Day 2		
08:45 – 12:00 (with Coffee 10:15 – 10:30)	Rotation C (4 groups: 45 min per session)	
	6. ITU: respiratory management & ventilation parameters	Abdul Badran/ John Pilling
	7. Cardiothoracic trauma scenarios	Vanessa Rogers / Alan Kirk
	8. Echocardiography	Duncan Steele
	9. Coronary angiography	New cardiac faculty
12:00 – 12:30	Boxed Lunch	
12:30 – 13:00		
13:00 - 17:15 (with Coffee 15:00 – 15:15)	Rotation D (4 groups: 60 min per session)	
	10. Valve implantation	2 New Cardiac Faculty
	11. Coronary anastomosis	Simon Messer/ Duncan Steele
	12. Thoracic Access VATS Skills Thoracotomy, principles of lung dissection – Group 2	Vanessa Rogers/ Abdul Badran,
	17. Bronchoscopy & single lung ventilation/ Valves LVRS	Alan Kirk/ J Pilling