



# ST2.2 Phase 1: Introduction to specialty training course (ST3A)

Venue  
Ashorne Hill  
Leamington Spa  
CV33 9QW  
10<sup>th</sup> – 12<sup>th</sup> July 2023

## Programme

### Course Directors

**Aiman Alzetani**  
Consultant Thoracic Surgeon, Southampton Hospital

**Kasra Shaikhrezai**  
Consultant Cardiac Surgeon, Golden Jubilee National Hospital - Glasgow



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## Faculty List

<b>Cardiac Surgery Faculty</b>	
Rashmi Birla	Consultant Cardiac Surgeon Golden Jubilee National Hospital - Glasgow
Tony Vassalos	Consultant Cardiac Anaesthetist/ Intensivist Golden Jubilee National Hospital - Glasgow
Kasra Shaikhrezai	Consultant Cardiac Surgeon Golden Jubilee National Hospital - Glasgow
<b>Thoracic Surgery Faculty</b>	
Alan Kirk	Consultant Thoracic Surgeon Golden Jubilee National Hospital - Glasgow
Abdul Badran	Consultant Thoracic Surgeon Swansea
Vanessa Rogers	Consultant Thoracic Surgeon Birmingham Heartlands Hospital - Birmingham
Aiman Alzetani	Consultant Thoracic Surgeon University Hospital Southampton – Southampton
<b>Invited Faculty</b>	
Narain Moorjani	President SCTS Consultant Cardiac Surgeon Papworth Hospital
Tim Jones	Chair of the Specialty Advisory Committee (SAC) for Cardiothoracic Surgery Consultant Paediatric Cardiac Surgeon, Birmingham
Sridhar Rathinam	Chair of Intercollegiate Specialty Board of Examinations for Cardiothoracic Surgery Consultant Thoracic Surgeon University Hospitals of Leicester - Leicester

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## Day 1

<b>Monday 10<sup>th</sup> July 2023</b>		
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	Faculty
	2. Management of wound infections	Rashmi Birla
	3. Thoracic imaging – CT & PET	Vanessa Rogers / Alan Kirk
	4. Fitness and case selection	Abdul Badran/ Aiman Alzetani
13:00 – 13:30	Boxed Lunch	
13:30 - 17:45 (with Coffee 15:30 – 15:45)	Rotation B (4 groups: 60 min per session)	
	5. Skin Prep (Colotam/Clear PreP), Sternal & Rib Fixation	Abdul Badran/ A Alzetani BD & Eoin McCarthy (AcuMed)
	6. mini-tracheostomy insertion Stapling & Energy Devices	Vanessa Rogers Medtronic
	7. Aortic cannulation wet lab	Rashmi Birla
	8. IABP insertion & management	IABP Rep / Kasra Shaikhrezai Getinge
17:45 – 18:15	Professionalism & SCTS support	Narain Moorjani (Zoom)
18:15 – 18:45	SAC/JCST processes	Tim Jones (F2F OR Zoom)
18:45 – 19:00	Questions & Answers	All faculty
19:45	Course dinner	

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## Day 2

<b>Tuesday 11<sup>th</sup> July 2023</b>		
08:45 – 12:00 (with Coffee 10:15 – 10:30)	Rotation C (4 groups: 45 min per session)	
	9. ITU: respiratory management & ventilation parameters	Abdul Badran/Aiman Alzetani
	10. Cardiothoracic trauma scenarios	Vanessa Rogers / Alan Kirk
	11. Trans-thoracic echocardiography	Rashmi Birla
	12. Coronary angiography	
12:00 – 12:30	Boxed Lunch	
12:30 – 13:00	13. How to deal with Thoracic & Cardiac Referrals as a Cardiothoracic Trainee	Abdul Badran
13:00 - 17:15 (with Coffee 15:00 – 15:15)	Rotation D (4 groups: 60 min per session)	
	14. Valve implantation	Rashmi Birla
	15. Coronary anastomosis wet lab	Faculty
	16. Stupnik VATS Skills	Vanessa Rogers/ Abdul Badran, J&J
	17. Bronchoscopy & single lung ventilation/ Valves LVRS	Alan Kirk / Aiman Alzetani Donna Albon (Pulmonx) / Oliver Evans (Ambu)
17:15-17:45	Changes to the exam	Sridhar Rathinam
17:45 – 18:15	Human factors and non-technical skills for surgeons (NOTSS)	Vanessa Rogers
18:15-18:30	Faculty Q&A	
19:30	Course dinner	

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**Day 3**

<b>Wednesday 12<sup>th</sup> July 2023</b>		
08:45 - 12:00 (with Coffee 10:15 – 10:30)	Rotation E (4 groups: 45 min per session)	
	18.Lung MDTs	Vanessa Rogers / Alan Kirk
	19.Cardiopulmonary bypass scenarios	Faculty
	20.Pacing	Tony Vassalos
	21.Thoracic surgery scenarios	Abdul Badran / A Alzetani
12:00 – 12:30	Boxed Lunch	
12:30 – 14:45	Rotation F (3 groups: 45min per session)	
	22. Post-operative bleeding & Cardiac arrest management with chest opening	Faculty
	23. Pitfalls & trouble shooting in cardiac surgery	Kasra Shaikhrezai
	24. ITU: cardiovascular management – inotropes	Tony Vassalos
14:45 -15:00	Q&A, feedback & close	All faculty