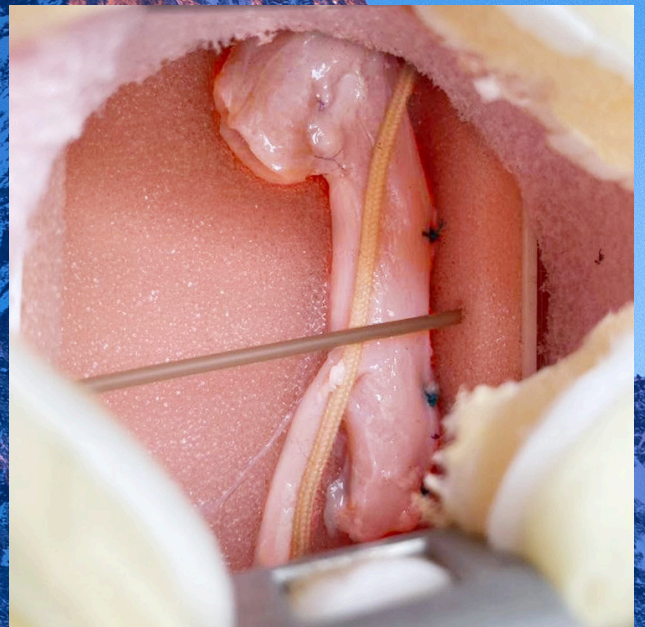


# OA TOF SIMULATION SURGERY Master Class

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Open and Thoracoscopic Models  
Expert Trainers  
Birmingham Children's Hospital  
20th March 2026





# MASTERCLASS

## OVERVIEW

### OVERVIEW

This is a 1 day hands on workshop. This course is aimed at trainees in paediatric surgery. Experience in minimally invasive surgery is essential. Senior trainees who complete the course and perform a successful repair can have PBA validated for a simulated MIS and open TOF/OA repair. Operative training will focus on:

1. Open OA TOF repair
2. Necessary Minimally Invasive Skills: sliding knots
3. Thoracoscopic oesophageal atresia repair



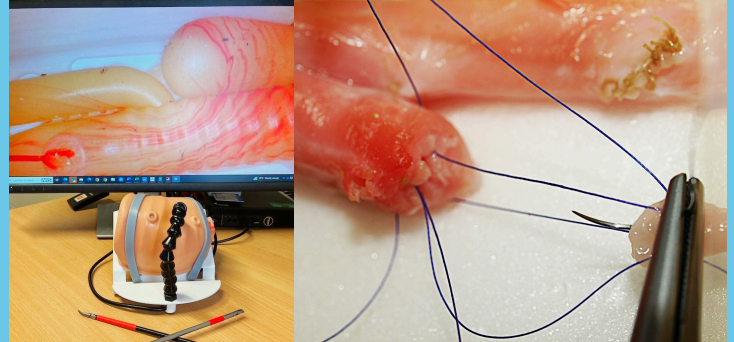
### TRAINERS

The open repair will be taught by Mr Tony Lander, who has developed an internationally renowned teaching model using animal tissue to replicate the TOF/OA. His course is well established and has been used to train paediatric surgeons both in the UK and around the world. Included this year will be teaching on the operative management and cervical approach for the H type fistula (type E) and formation of a cervical oesophagostomy.

The thoracoscopic workshop will involve 3mm instruments to perform the repair. Training will consist of 2 parts:

Firstly, practicing tying laparoscopic sliding knots on an Eosim box.

Secondly, progressing to using 3mm thoracoscopic instruments to perform a repair within the neonatal chest on a latex model of the TOF/OA (produced by Symulus of New Zealand)



**3D OA TOF model (left) developed by Professor Spencer Beasley with Symulus of New Zealand. Lander's OA TOF animal model (right).**

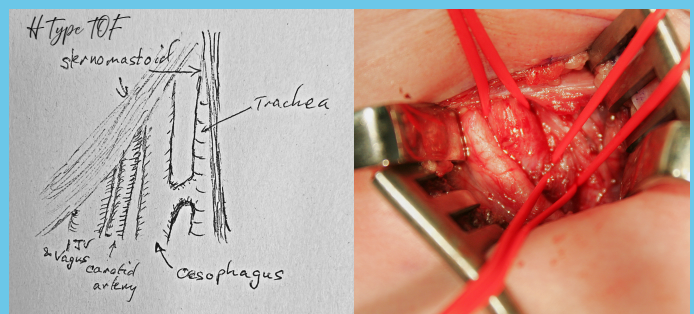


**Hands-on training by experts.**

### DISCUSSIONS

It is essential that candidates have experience of advanced minimally invasive surgery and are comfortable with laparoscopic knot tying. For this reason the course will be offered to ST 5 and above. There will be some mandatory pre-course reading. This will allow the majority of the day to be practical hands-on with a discussion of controversies at the end of the day.

1. Thoracoscopic vs open repair
2. Implementing a thoracoscopic TOF service
3. The BCH management of long gap OA using a modified Van der Zee approach?



# MASTERCLASS

## FEEDBACK

### Feedback from the 1st OA Masterclass 2025

1. The thoracoscopic model was absolutely great. I really enjoyed it and it absolutely gave me more confidence
2. Absolutely spot on! No time was wasted on unnecessary lectures- good usage of time
3. Excellent session with high number of facilitators to trainees and paired with people of similar level also worked well
4. Fantastic session. Best practical course I've been on in my training by some distance. Would happily go again towards the end of my training
5. Useful session on H-type TOF and cervical oesophagostomy that is not commonly covered
6. Really well done guys, thank you. I've told everyone about it, I think we need to encourage consultants to come too. I've never used such great surgical models
7. Really great session on open TOF repair – Mr Patel and Mr Lander were very encouraging and were happy to give lots of advice and specific pointers
8. Very friendly and helpful faculty. Very noticeable learning curve improvement towards the end of the Thoracoscopic session



**We thank our sponsors **STORZ** for providing the minimally invasive instruments and camera equipment.**



### ASSESSMENTS

Candidates that successfully complete the course can submit a ISCP simulated repair of open and thoracoscopic TOF/OA approach.

### REGISTRATION

This is just advanced notice of the course – registration for this course will be open in the New Year so please watch the BAPS website for the date. There is no waiting list so please do not e mail us in advance of the registration.



### COURSE FEES

Course fees are **£250**



<https://www.ticketsource.co.uk/birmingham-childrens-hospital/t-yzaeoqr>

### VENUE

Dept Paediatric Surgery and Urology  
Birmingham Children's Hospital  
Steelhouse Lane  
Birmingham B46NH