

Paediatric Advanced Cadaveric Trauma Surgery (PACTS) Course for Theatre Staff Fresh Frozen Cadavers Newcastle Surgical Training Centre **November 23rd & 24th 2023** Theatre Practitioner course

Do you work in a Major trauma centre? Could you set up for a crash laparotomy for major traumatic haemorrhage. Would you be prepared if the surgeons had to do a clam shell thoracotomy for a stab wound in ED? Would you be confident to call for a sit-rep 20 minutes into damage control surgery? This course has been designed for children's surgeons to learn the principles of damage control surgery using adult cadavers - however, we all know our surgeons are only as effective as the theatre team they go into battle with. We have used the same principles that the British Defence Medical services used to train theatre teams prior to deployment. For each table there will be an anaesthetist, surgeons and one scrub staff - together they will learn how to deal with crash thoracotomies, laparotomies and major bleeding using scenarios to guide the operative principles..

COURSE OVERVIEW

This course is a two day hands on cadaveric operative workshop for surgeons and theatre staff likely to be involved in the operative management of major trauma in children.

The operative techniques focus on management of truncal and junctional zone injuries. The lectures, discussions and case studies explore the principles of damage control surgery in children, working in multi-specialty surgical teams and the human factors of managing under extreme pressure. Experience is shared from military and humanitarian surgeons as well as recent major incidents in the UK.

This unique course offers up to 6 theatre practitioners the opportunity to train alongside paediatric trauma surgeons. The target group would be senior practitioners working in emergency and trauma theatres

Intensive two-day course
High faculty to participant ratio
Limited places
Interactive instruction
Course dinner and all refreshments included

COURSE WILL COVER

- Damage control resuscitation & surgery
- Managing exanguinating haemorrhage
 - Traumatic cardiac arrest
 - Penetrating trauma
 - Clamshell thoracotomy
- Pericardial tamponade and penetrating cardiac injuries
- Learning to be assertive in a stressful theatre environment
- Trauma laparotomy and abdominal packing
 - Management of liver injury
 - Laparostomy
- Damage control approach to vascular injuries
 - Fasciotomies
- Paediatric major trauma case scenarios
- Human Factors lectures & decision making under pressure
- Lessons from Manchester Children's Hospital of the Ariana Grande concert bombing



Feedback: 'I loved the safe sharing of mental models of trauma care, with an emphasis on maintaining team performance - really the best course I have been on world wide for this.'

'Brilliant course with friendly, knowledgeable and approachable faculty. Filled the time well with no wasted sessions. Loved the fact that it was lots of different people with different job roles from different places.'

'As a scrub practitioner this was a very valuable opportunity to assist in very challenging situations.'

100% of participants would recommend this to a colleague



Course fees for this should be met by your Trust if you work in an MTC. Please speak to Suren Arul(suren.arul@nhs.net) or Jane Banks, (theatre practitioner faculty)(jane.banks@nhs.net) for more information. To book places please call (0191 2231 264) or e mail the Newcastle Surgical training centre ing centre (nuth.nstc.enquiries@nhs.net)

Website <http://www.nstcsurg.org/courses/paediatrics/paediatric-trauma-course.aspx>