

Paediatric Advanced Cadaveric Trauma Surgery (PACTS) Course for Theatre Staff

Fresh Frozen Cadavers

Newcastle Surgical Training Centre

18-19 November 2021

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 one anaesthetist, 3 surgeons and one scrub practitioner - 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 anaesthetists likely to be involved in the operative management of major trauma in children.

Joint case management is practiced in the dissection room for anaesthetists and surgeons. 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 and anaesthetists as well as recent major incidents in the UK.

It is aimed at consultants and ST8 and above in paediatric anaesthesia or for adult trauma anaesthetists with an interest in children.

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

COURSE WILL COVER

- Preparing for major trauma
- Damage control resuscitation & surgery
- Management of massive haemorrhage
- Traumatic cardiac arrest
- Clamshell thoracotomy
- Pericardial tamponade and penetrating cardiac injuries
- Trauma laparotomy and abdominal packing
- Management of liver injury
- 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

100% of participants would recommend this to a colleague



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.'

'Fascinating ! Really good to have a mixed course and faculty.'

'Focused on the practical aspects of operative trauma surgery in children'

'I wouldn't have gone on this course if it hadn't been specifically aimed at paediatrics but now I am so glad I did!'

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 (jane.banks6@nhs.net) for more information. To book places email louise.sore@nhs.net