

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

Fresh Frozen Cadavers

Newcastle Surgical Training Centre

November 14th 15th 2019

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 cadaver, a number of 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

- Exanguinating haemorrhage
- Pericardial tamponade and penetrating cardiac injuries
- Damage control approach to vascular injuries
- Clamshell thoracotomy
- Damage control principles
- Trauma laparotomy and abdominal packing
- 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

Theatre staff will have the opportunity to discuss how to cope with scrubbing for multiple surgical teams at the same time

100% of participants would recommend this to a colleague

CADAVERS



Feedback: 'An excellent course'; 'High level of faculty expertise'; 'Enjoyed dissecting in the lab again'; 'Great decision making algorithms for trauma'; 'very practical'; '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 for more information (suren.arul@nhs.net) or to book places please contact the Newcastle Surgical Training Centre – Gail Russell on (0191 213 8628 or e mail the gail.russell@nuth.nhs.uk)

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