

## Surgical Firefighting skills

*This course is for surgeons (paediatric, general, cardiothoracic, vascular), anaesthetists, ODPs, scrub staff and Trauma Team Leaders.*

This course is designed to give a practical and knowledge-based skill-set for the holistic management of trauma patient, including blast injuries and children. Everyone will learn about the acute resuscitation of trauma victims, including fluid strategies and coagulopathy of trauma, the management of traumatic cardiac arrest, complex polytrauma, human factors relevant to the resuscitation scenario and management of a mass casualty situation. The management of blast is also included.

Surgeons will learn to instigate the surgical management of most life or limb-threatening injuries until specialist input can be obtained: the sort of skills that would be required in a large mass-casualty event. They will perform the full spectrum of thoracoabdominal and peripheral vascular damage control surgery.

Anaesthetists will rehearse practical skills such as surgical airway, thoracostomy, subclavian line insertion and thoracotomy.

**Day 1:** includes simulation training, exercises and short lectures on the management of major trauma. There will be plenty of discussion around real-life scenarios. Held in University of Salford.

**Days 2 & 3:** cadaveric-based training in the Manchester Surgical Skills and Simulation Centre in the Stopford Building, University of Manchester. There will be breakout sessions for anaesthetists on the second day. Professorial demonstrations of unfamiliar anatomy will also be provided.

**Eligibility:** General, vascular, paediatric, cardiothoracic surgeons from Greater Manchester (ST7-8 or Consultant). Anaesthetists involved in the management of major trauma (Consultants or final year trainees). Trauma Team leaders (EM Consultants or final year trainees (post-exam). ODPs and scrub staff.

Leave and travel costs should be claimed through your usual institutional processes.

**Surgeons:** must attend all 3 days

**Anaesthetists:** must attend days 1 and 2

**ODPs:** only attend day 1

**Scrub staff:** attend days 1 and 2

**TTLs:** attend only day 1

**Cost: FREE.** The course is charitably funded and we expect participants to respect the donations that have been made and commit to the course appropriately.

Please contact [trauma.course@mft.nhs.uk](mailto:trauma.course@mft.nhs.uk) to reserve a place or if you have any queries. Places will largely be given on a first-come, first-served basis however an attempt will be made to balance the numbers of participants from each institution if a large number of requests are received.