

The Medical Innovation Theatre will be hosted on the exhibition show floor in the North Hall. Today the UK's Armed Forces have to be equipped and trained to deal with a broad spectrum of operations including; humanitarian work, disaster relief and reconstruction.

The Medical Innovation Zone features a unique medical seminar programme, addressing leading edge issues including successful rehabilitation, pre-hospital care, developments in Platinum 5 trauma care, and key innovations which have stemmed from recent military research.

Core Themes

- **Pre-Hospital Care & Damage Control** – include advances in pre-hospital care, REBOA (Retrograde Endovascular Balloon Occlusion of the Aorta), a look at blast injuries case studies, and advances in damage control surgery
- **Resuscitation** – presentations will look at CBNW and Ebola - on the ground perspective from West Africa and the global risks, an update on fluids, and a transfusion medicine update
- **Orthopaedics, Rehabilitation, Traumatic Brain Injury (TBI) & Research** – including advances in far forward orthopaedic care, acute rehabilitation, and a look at advances in the diagnosis and treatment of TBI
- **Future Operations** – examining military medical research and medical support in future conflict zones

Presentations include:

Military wound ballistics

Debra Carr, *Senior Lecturer in Impact & Armour, Centre for Defence Engineering, Cranfield University*

Mr Ian Horsfall, *Professor of Armour Systems, Centre for Defence Engineering, Cranfield University*

Medical demonstrations will be hosted across the four day programme giving our audience an unrivalled insight into the latest techniques and materials utilised by our forces today. For further information on the demonstrations please click [here](#).