

The OTS: 5 Years of Driving Change in UK Trauma Care

*Alex Trompeter; Matthew L. Costa, FRCS; Paul Dixon, FRCS (Ortho); Tim Chesser, MD
Orthopaedic Trauma Society, United Kingdom*

Purpose: The Orthopaedic Trauma Society (OTS) was launched in 2013; its primary goal is to advance standards of orthopaedic trauma care in the United Kingdom

Methods: Now 5 years old with an increasingly recognizable voice, we present the output from the OTS and the impact it has had in the UK and beyond.

Results: The National Institute for Health Research (NIHR) clinical trials day has been adopted into the annual meeting. The society is linked to some of the major recent multicenter randomized controlled trials (RCTs), eg, DRAFFT (distal radius), FIXdT (distal tibia), and WOLFF (negative pressure wound therapy). The UK now leads the way in trauma research. At our annual meeting, members can propose new research via the Dragon's Den; winning ideas are adopted by NIHR Clinical Trials Units and worked into full funding proposals. Eight projects were funded in the last 5 years. The society engages with the NIHR on trauma research prioritization. A joint OTS/NIHR workshop generated 4 commissioned calls for multicenter trials. The OTS also engages patients/public in research prioritization via the James Lind Alliance-the most powerful way to influence the research agenda for major funders. In the last 5 years, on the back of the above success, 5 clinical trials have been published in major general medical journals (JAMA, BMJ). A further 16 trials are in progress. The OTS hosts an annual meeting aimed at the trauma specialist surgeon and delivers all trauma content at the British Orthopaedic Association (BOA) annual meeting, for the generalist. International guests included Pierre Guy (Vancouver) and Mike McKee (Arizona) in 2018. The annual meeting has become a powerful forum for decision-making around the way trauma care is delivered in the UK. **Systems / Policy:** Since major trauma networks began in the UK in 2012, there has been an increase in survivorship & transformation in patient care. The OTS has become the representative voice for driving evolution of trauma care even further. Regional complex orthopaedic trauma networks are now evolving in the UK supported by the OTS & NHS England. The OTS has national representation & influence on policy at the highest level, including NHS England & NICE (National Institute for health and Care Excellence). The OTS is now the official specialist society for trauma of the BOA. Multiple standards of practice for trauma have been developed in partnership between the OTS & other specialist societies, including those for open fractures & hip fractures. These are recognised around the world & are seen as aspirational targets in many health care systems. **Representation:** In the UK, the society works with the BOA & other specialist societies focussing on trauma care & injury prevention. Internationally, the society has links with the global fragility fracture network, & has become a member of IOTA

Conclusion: In 5 years, the OTS has evolved into the leading body representing orthopaedic trauma in the UK. We are proud of what the society has achieved and are excited to see what the next 5 years bring.

The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or medical device he or she wishes to use in clinical practice.