

Damage Control Orthopaedic Trauma Surgery (DCOTS)

Sample Programme

Course Co-Directors

Professor Ian Pallister

Consultant Trauma and Orthopaedic Surgeon
Morrison Hospital, Swansea

Colonel Paul Parker

Consultant Trauma and Orthopaedic Surgeon
Queen Elizabeth Hospital, Birmingham

© Royal College of Surgeons of England 2015. All rights reserved.

Programme timings are for illustration purposes only and are subject to change. Full terms and conditions: www.rcseng.ac.uk/courses/course-faqs

Course Programme

Day One			
<i>Time</i>	<i>Content</i>	<i>Faculty</i>	<i>Room</i>
0800-0830	Registration and Refreshments		ECR/4FRA
0830-0840	Introduction	Prof Ian Pallister	DSR
0840-0910	Lessons from War	Mr Paul Parker	DSR
0910-0940	Damage Control Concepts	Dr Kate Prior	DSR
0940- 0955	Introduction to Wolfson Surgical Skills Centre	Prof Ian Pallister	WSSC
0955-1030	DCR/DCO Simulation- Teamwork	Prof Ian Pallister	WSSC
1030-1100	Refreshments		4FRA
1100-1200	PRACTICAL Open Right tibia – principles of debridement Primary haemorrhage - tourniquet Excise, extend, explore- clock face system to create a tunnel not a funnel Application of tibial external fixator to RIGHT TIBIA Perform 4 compartment fasciotomy	Mr Ken Graham Miss Loz Harry Prof I Pallister	WSSC
1200-1315	PRACTICAL Open distal LEFT femoral with vascular impairment/bleeding Emphasise different approach to arterial bleeding vs arterial insufficiency Haemorrhage control options – tourniquet of limited use Demonstration of vascular anatomy Spanning Exfix to knee Discuss priorities e.g. control vessel, fasciotomy, shunt exfix definitive repair Temporary vascular shunt to SFA (demo)	Colonel Paul Parker Wg Cdr Wayne Sapsford	WSSC
1315-1400	Lunch		4FRA
1400-1500	PRACTICAL FEMORAL DIAMOND FRAME EXTERNAL FIXATION PRACTICAL Fasciotomy of thigh	Prof Ian Pallister	WSSC
1500-1530	Refreshments		4FRA
1530-1700	PRACTICAL Pelvic bleeding uncontrolled with binder Extraperitoneal pelvic packing Exposure and control of iliac vessels (demo) Pelvic Exfix application –implications for later reconstruction	Mr Jon Matthews Wg Cdr Wayne Sapsford	WSSC
1700- 1730	When things go bang Bullet and blast injuries	Colonel Paul Parker	DSR
1730-1745	Resumé of day and close	Prof Ian Pallister	DSR
1745	Finish		

Day Two			
<i>Time</i>	<i>Content</i>	<i>Faculty</i>	<i>Room</i>
0800-0830	Registration and Refreshments / Faculty Meeting		4FRA
0830-0835	Introduction to day 2	Prof Ian Pallister	DSR
0835-0855	Damage Control Concepts	Prof Ian Pallister	DSR
0855-0935	Interactive lecture Decision making: Integrating Damage Control & Definitive Fracture Surgery	Colonel Paul Parker	DSR
0935-1105	PRACTICAL Severe Distal Humerus Fracture With Brachial Artery Injury And Compartment Syndrome Discuss management priorities in the compromised patient including use of tourniquet Review forearm compartment anatomy Two incision fasciotomy of forearm and inspection of deep compartment. Brachial artery exploration. Discuss ligation vs. reconstruction of vascular injury emphasising importance of ulnar artery Spanning Exfix LEFT Elbow	Mr Chris Hand Wg Cdr Wayne Sapsford	WSSC
1105-1130	Refreshments		4FRA
1130-1300	Junctional Haemorrhage Control: Control of bleeding at the shoulder girdle. Finger thoracostomies, the Clam-shell thoracotomy	Mr Sean Hughes Wg Cdr Wayne Sapsford	WSSC
1300-1330	Lunch		4FRA
1330-1350	The Mangled Extremity: Indications & Techniques for Radical Debridement	Mr Chris Hand	DSR
1350-1450	PRACTICAL Radical Debridement of Severely Contaminated IIIC Open Tibial Fracture Application of Improvised TNP dressing	Mr Chris Hand Colonel Paul Parker	WSSC
1450-1510	Refreshments		4FRA
1510-1540	Group discussion "a good save"		DSR
1545	Summary and close		DSR
	Faculty meeting		DSR
1630	Finish		