

Basic Science and Trauma Term – Conveners Professor Amar Rangan & Mr Andrew Gray

Date	Basic Science & Trauma topics 14:00 – 17:00 (Refreshments 15:30 – 16:00)	
7/11/2016 Cleveland Room, JCUH	Introduction to the term and Bone basics Fracture healing Biomechanics – basic principles Plates, Nails & Ex Fix - Principles of application Case based discussion	Amar Rangan An Murty Paul Banaskiewicz Andrew Gray Will Eardley
14/11/2016 Cleveland Room, JCUH	Bone Infection and Non Union Theatre design Bone graft substitutes Case based discussion	Hamish Simpson Craig White Andrew Gray Paul Banaskiewicz Will Eardley An Murty
21/11/2016 Ian Haslock Lecture Theatre, JCUH	Bone and joint infection – Review of regional guidelines Microbiology & medical management of infection Case based discussion – surgical management	Andy Port Richard Bellamy Mike Reed Andy Port Paul Baker Simon Jameson
28/11/2016 David Kenward Lecture Theatre, JCUH	Muscle & Nerve structure; Response to Injury Neurophysiological studies interpretation Assessment of brachial plexus injury Case based discussion – nerve injuries	Richard Jeavons Simon Taggart Sanjay Miranda Alan Middleton Sarah Klenka
5/12/2016 Durham Centre	Consent for research training + CRN awareness training (Part of HEE-NE ST research training pilot)	Amar Rangan Penny Williams CRN Team
19/12/2016 David Kenward Lecture Theatre, JCUH	Open fractures & BOA/BAPRAS guidelines Soft tissue cover Compartment syndrome, complications of fractures Case based discussion – open fractures / complications	Paul Dixon Keith Allison James Brousil Andrew Gray Will Eardley Jim McVie
9/1/2017 (CORNET session) Cleveland Room, JCUH	Study design Statistics Designing surgical trials	Amar Rangan Catherine Hewitt Matt Costa

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	CORNET report	Alex Sims / H Ingoe
16/01/2017 Cleveland Room, JCUH	Ligament and Tendon Structure Meniscal structure – Anatomy & Function Soft Tissue Knee Injuries Soft Tissue Shoulder Injuries Case based discussion	Phil Holland Tim Bonner Tony Hui Ray Liow Above Panel
30/1/2017 Cleveland Room, JCUH	Gait Cycle and Abnormal Patterns Amputations and Prosthetics Severe extremity injuries. Salvage or save? The LEAP studies explained Case based discussion	Paul Mackenney Jane Cumming Will Eardley Above Panel
6/2/2017 Cleveland Room, JCUH	Bone physiology & Calcium metabolism Metabolic Bone Disease, Pagets disease, Osteomalacia and Osteoporosis Bisphosphonate fractures Case based discussion	Michael Plant Stephen Tuck Michael Plant Stephen Tuck Ian Wallace & Ian McMurtry Above Panel
13/2/2017 Cleveland Room, JCUH	Articular cartilage & ageing Osteoporosis management guidelines Treatment principles of Peri-articular fractures Case based discussion	Paul Dixon Craig White Andrew Gray Above Panel
20/2/2017 David Kenward Lecture Theatre, JCUH	Tribology and Biomaterials Patterns of Implant Failure Peri—Prosthetic Fractures Case based discussion	Tom Joyce Paul Baker Andy Port Above Panel
27/2/2017 Cleveland Room, JCUH	Pelvic Trauma Physiological Response To Trauma Principles of Early Appropriate Care / Damage Control Case based discussion	Homa Ashrad Andrew Gray Xavier Griffin Above Panel

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6/3/2017 David Kenward Lecture Theatre, JCUH	Child protection training	Rosemary Thwaites
13/3/2017 Cleveland Room, JCUH	Skeletal Embryology and limb development Physeal structure and injuries Paediatric Injuries – Case Examples	Antoine De Gheldere Philip Henman A Adedapo Above Panel

NOTES

12/12/2016 – UKITE

23/01/2017 – ITCA

Tea breaks with industry presentation – 15:30 to 16:00.

Clinical case discussions will start after tea break