

# **Curriculum Vitae**

**Doctor Michael Andrew Cooper**

## **Qualifications, training, accreditation**

I received my Certificate of Completion of Specialist Training in Anaesthesia in 2003 and subsequently became a Fellow of the Faculty of Intensive Care Medicine in 2011.

Relevant qualifications and accreditation are summarised below:

FFICM	October 2011
CCST Anaesthesia	August 31 2003
FRCA	November 1999
MBChB	University of Edinburgh, 1994
BSc Hons Physiology	University of Edinburgh, 1991
GMC registration:	4123743

## **Current appointment**

Consultant Anaesthetist,  
The Royal National Orthopaedic Hospital NHS Trust (2004 to date).

## **Previous anaesthetic appointments**

Consultant Anaesthetist,  
University College London Hospitals (September 2003-October 2004).

## **Consultant practice**

I am employed as a full time consultant anaesthetist at The Royal National Orthopaedic Hospital. This is a national referral centre for complex orthopaedic patients. I have a regular clinical commitment providing anaesthesia for adult and paediatric patients. I participate in the departmental on call rota (including urgent spinal surgery for trauma or neurological emergencies). I am also part of a specialist second on call paediatric rota.

## **Additional professional responsibilities**

I am currently appraisal lead for the Trust. I have completed national Responsible Officer training and I am the associate Responsible Officer. I chair the revalidation board and continue to develop systems that allow the Trust to meet Responsible Officer guidelines and consultants monitor their own practise. I am an active appraiser currently providing appraisal to NHS colleagues and a service in the independent sector. I have completed case manager training with the revalidation support team (NHS England) and case investigator training (Royal National Orthopaedic Hospital).

## Membership of professional organisations

I have been a Fellow of the Royal College of Anaesthetists since 1999 and a Fellow of the Faculty of Intensive Care Medicine since 2011. I have supported my specialist practise by membership of the British Society of Orthopaedic Anaesthetists (2003 onwards) and the Association of Paediatric Anaesthetists of Great Britain and Ireland (2004 onwards). I have been a member of the British Medical Association since graduation in 1994.

## Audit

Completed recent audit that supports my specialist role as an orthopaedic anaesthetist includes:

DVT rate in patients presenting for surgical management of metastatic bone tumour.	RNOH 2018
Thrombo-elastic profiles of metastatic tumour to Bone.	RNOH 2017-18
Thrombo-elastic clotting profiles of patients with primary bone tumour.	RNOH 2015
Sacrectomy: classification and outcome	RNOH 2013
Ulnar nerve SSEPS in spinal surgery .	RNOH 2007

## Current research

I am currently conducting an ethically approved study analysing circulating tumour DNA in patients undergoing chondrosarcoma resection. This will be used to help develop pre-operative staging and guide peri-operative anaesthetic technique. Data collection is ongoing.

## Publications and posters

I have 13 publications and posters at major meetings to date. This has included invited chapters concerning anaesthesia for orthopaedic surgery. I have also published concerning the assessment of patients for corrective spinal surgery, assessment of upper limb somatosensory evoked potentials in prone patients undergoing spinal deformity correction, a case report post spinal surgery and a review of airway management in orthopaedic surgery. Relevant publications include:

1. **Cooper MA**, Edge G. Preoperative assessment of patients for corrective spinal surgery. *Curr Anaesth Crit Care* 2001;12:130-8.
2. Berman J, Lee J, **Cooper M**, Cannon A, Sach J, McKerral S, Taggart M, Symonds K, Birche R. Efficacy of two cannabis based medicinal extracts for relief of central neuropathic pain from brachial plexus avulsion: results of a randomised controlled trial. *Anaesthesia* 2003;58:938.
3. **Cooper MA**, Fox R. Anaesthesia for major spinal surgery in a patient with Leigh's disease. *Anesth Analg* 2003;97:1539-41.

4. Ramesh V, **Cooper MA**. Airway management and orthopaedic anaesthesia. In: Goldhill G editor. Current Orthopaedic Anaesthesia and Critical Care. 1<sup>st</sup> ed: RNOH publishing; 2006. p. 17-24.
5. Holding J, Carter E, Cowan J, **Cooper MA**. Prospective audit of ulnar nerve somatosensory evoked potentials in patients in the prone position for spinal surgery. Poster. The British Society of Orthopaedic Anaesthetists 12<sup>th</sup> Annual Scientific Congress. 2007
6. Ip HYV, **Cooper MA**. Anaesthesia in orthopaedic surgery. In: Briggs T, Miles J, Aston W, editors. Operative orthopaedics the Stanmore guide. 1<sup>st</sup> ed: Edward Arnold Publishing; 2010. p. 1-6.
7. Palmer J, Ghani Y, Gikas P, **Cooper M**, Pollock R. The role of fibrin sealants in major joint reconstruction and orthopaedic tumour surgery: a preliminary study. Abstract at EMSOS 2014.
8. Gray Stephens C, Pollock R, Aston W, Briggs T, **Cooper M**, Gikas P, Skinner J, Johnston A, Gerrard C, Baumber R. Risk of USS detected venous thrombotic events in patients referred for surgical management of metastatic bone disease. Abstract at British Orthopaedic Oncological Society 2018.

### **Presentations to Meetings**

I have taken the opportunity to present relevant experience and data. I have presented to the British Society of Orthopaedic Anaesthetists concerning anaesthesia for bone tumour surgery (2014). I have also contributed to The Royal National Orthopaedic Hospital anaesthesia jamboree. I presented the invited review concerning anaesthesia for major spinal corrective surgery at the European Congress of Orthopaedic Anaesthesia.

### **Training as an expert witness**

In my role as Clinical Director, Appraisal Lead and Associate Responsible Officer I am familiar with the requirements of Good Medical Practice. This has been helped by case manager and investigator training and roles as a local and external clinical incident investigator. I have recently completed an 'Expert Witness Masterclass' organised by the Royal Society of Medicine.

