

CURRICULUM VITAE

Dr. Manisha M. Kumar

MBBS, MD (Anaesthesia), FRCA, LLM (Medical Law and Ethics)

Personal details

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Date of birth: 29th October 1965

GMC Registration No: 4598505

GMC Revalidation Date: 21/03/2019

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University Education

M.B.B.S.
with a Distinction in Pharmacology University College of Medical Sciences
Delhi University 1983-89

M.D. (Anaesthesiology) All India Institute of Medical Sciences
New Delhi 1992

Fellow of the Royal College of Anaesthetists July 1998

CCST Jan 2003

LLM (Medical Law and Ethics) University of Edinburgh
2020

Training

I graduated from the University College of Medical Sciences, University of Delhi in April 1989, with a distinction in pharmacology.

I did my post-graduation **MD** (Anaesthesiology) from the All India Institute of Medical Sciences, New Delhi, India 1989-1992. I undertook another three years of Senior Residency at AIIMS, completing my anaesthetic training.

In the UK, I did my training all over again. I completed the **FRCA** in 1998. I received my **Certificate of Completion of Specialty Training** in Anaesthetics and Intensive Care in January 2003.

I have had an interest in the ethical and legal aspects of medicine and have recently completed an **LLM in Medical Law and Ethics** from the University of Edinburgh.

Membership of professional organisations

Association of Anaesthetists of Great Britain and Ireland

Obstetric Anaesthetists' Association

Difficult Airway Society

North of Scotland Society of Anaesthetists

Society for Doctors in Law

PRESENT POST

I have been a Consultant in Aberdeen, Scotland since Feb 2003. My special interests include Obstetrics & Gynaecology, Orthopaedics, ENT and Thoracic Anaesthesia, along with Legal and Ethical aspects of Medicine.

I was the Head of Service for Obstetric Anaesthesia in Aberdeen for five years. Currently, I am the Unit Clinical Director for Medicine 3, which is a management role in the wider hospital.

I was instrumental in setting up a group to support colleagues with ethical dilemmas in our trust (**Supporting Ethical Decision making**) during the current Covid pandemic. Based on the National and Scottish Ethical Guidance Framework, we offer support to colleagues dealing with such ethical issues in everyday practice. We have been running a 24 x 7 service for the entire North of Scotland, including the islands.

Professional Responsibilities

I have been the **College Tutor** (appointed by the Royal College of **Anaesthetists**) for the last seven years. This involves overseeing the training of about 40 Specialty trainees in the North of Scotland Deanery.

I am an **Examiner for the Final FRCA at the Royal College of Anaesthetists.**

I have been teaching and running workshops at the **NES Medical Education workshops** on subjects ranging from Education to Governance.

I have been the Supervisor for **Training in the Obstetric Anaesthesia** Module at Basic, Intermediate, Higher and Advanced levels

I am on the **Faculty for the Obstetric Anaesthesia Training Simulator course** at the Scottish Simulator centre teaching technical as well as non-technical aspects of anaesthetic practice and team working. I have set the course up locally and have been running it for the last five years.

I sit of the **Scottish Anaesthesia Quality and Safety Group as the Obstetric Anaesthesia Representative.**

I was the **Organiser for the Association of Anaesthetists Core Topics Meeting** in Aberdeen in February 2020.

I was the co-organiser for **the joint RCOA-AAGBI meeting in Aberdeen** in November 2017.

I am the NHSG **Cell Salvage Lead** and have been participating in the **Hospital Transfusion Committee** meetings.

I am now a **Co-chair of the UK Cell Salvage Group** and involved in writing guidelines for the same.

I have been on the **Obstetric Anaesthetists' Association subcommittee for National Surveys** that assesses and vets OAA based surveys and oversees the conduct of these surveys at a national level. I have written numerous **Guidelines for management of Obstetric Anaesthesia and Analgesia**, some of which have been shared on the **OAA website.**

I was the **Editor for Chapter 2 and author of sections in the Raising the Standards, RCOA quality improvement Compendium 2020**

I was the **Co-author for the RCOA document 'Guidelines for the Provision of Anaesthesia Services for Intra-operative Care 2016, revised in 2019.**

I have set up the **'One Lung Course'** for trainees and the occasional Thoracic Anaesthetists in Aberdeen.

I am an active member of the **Quality Improvement** group in the Department, leading a multiple QI projects.

I have been a **National Panellist/ External Advisor for Consultant Appointment Advisory Committee.**

I have been consistently involved in the **appointment process for Core and Specialty Trainee appointments** since 2007.

I have been an **Appraiser** since 2007 and have been appraising five to six consultant colleagues each year. This includes ensuring that colleagues meet the

guidelines of the local responsible officer and GMC. I am trained to be a National Appraiser and am doing Extended Appraisals for Revalidation. I have also been involved in training Appraisers.

I am involved in teaching practical skills to 4th and 5th year medical students in the operating theatre environment during their anaesthetic attachment as well as giving tutorials on the anaesthetic topics, which are part of the 4th year curriculum.

I have participated in Basic Life Support teaching, which is run by our department for all medical students from 1st year onwards.

Since 2004 I have been an examiner for Phase II, III and IV OSCE's

I have been teaching on the Professional Practice Development block for fifth year medical students 2009 till date

Management Role

In March 2015, I took over as the **Clinical Lead for Obstetric Anaesthesia** in Aberdeen. This was a mammoth task as apart from being an understaffed busy unit, we are in process of building a new 'women's hospital' which will cater to all Obstetric and Gynaecological services. I have been the **Lead Consultant looking after the Obstetric Anaesthetic Antenatal Counselling Clinic**. I am personally responsible for delivering about 50% of this service. We counsel all women with co-existing diseases, obstetric and anaesthetic issues and any other concerns. As per NICE guidelines we are counselling all high BMI ladies as well. This has resulted in higher maternal satisfaction and safer provision of care.

I am the **Departmental Lead for Awareness under Anaesthesia**, which is a rare occurrence but is something the patients and anaesthetists always worry about. We also deal with the long term consequences of it, should it occur.

I am the **NHS Grampian Lead for Cell Salvage**. I oversee the provision of this service in the Grampian region. We have been quite successful in expanding this service to encompass orthopaedic, vascular and Obstetric theatres. We have been hugely successful in reducing the need for blood transfusion and making the service safer and cost-effective.

I have been responsible for organising and managing the Daytime rota for the Anaesthetic Department, which involves allocating more than a 100 anaesthetists to cover all areas of service including more than 25 operating theatres each day. This was a complex task as it involved provide in ha safe and efficient service to a large teaching hospital. With the stress of waiting times and targets and an ever expanding service, this was a stressful and onerous task.

I have been actively involved in policy decisions and the management of Anaesthetic services at the Maternity Hospital. I have been responsible for the

drawing up of Evidence based Anaesthetic Guidelines at the Maternity Hospital, some of which have been on the OAA website as well.

Currently, I am the Unit Clinical Director for Medicine 3, which is a management role in the wider hospital. I have been managing Clinical Governance and Candour issues, as well as complaints and patient feedback in this area now.

I was instrumental in setting up a group to support colleagues with ethical dilemmas in our trust (**Supporting Ethical Decision making**). Based on the National and Scottish ethical Guidance framework, we offer support to colleagues dealing with such ethical issues in day-to-day life. We are running a 24 x 7 service covering the entire North of Scotland, including the islands.

I have been the **Honorary Secretary** of **NESSA** responsible for organising three meetings each year including an educational day for the trainees and a Poster Competition.

Interest in Law and Ethics

I am on the **Critical Incidents Committee** and am quite passionate about analysing why things go wrong and learning from those incidents. I have been instrumental in dispersing the information to the rest of the department in the form of Reports and Educational meetings. We have also set up a **Scottish Anaesthesia Quality and Safety Group** which is responsible for the same on a Scotland-wide level.

I have been involved in numerous **Significant and Adverse Event Analysis**. I am well versed with the requirements of GMC's Good Medical Practice and other Guidance documents. I have been on training sessions for the management of Adverse events, and also Significant Event Analysis. I have also been on training sessions with the **Scottish Patient Safety Organisation (SPSO)** in relation to investigation and handling of patient complaints.

I have been trained and am on **Fitness to Practice panel** for Medical Students at Aberdeen University. I have regularly been on panels to assess Fitness to practice issues amongst Medical Students.

I have been teaching on the Professional Practice Development block for fifth year medical students.

I have been an **Anaesthetic Assessor for Scotland wide Analysis of Surgical Mortality** and have been involved in the development of eSASM.

RESEARCH ONGOING

'Comparison between cardiac output and haemodynamic parameters in obese vs. non-obese parturient 2014

M Kumar, N Kirodian.

PUBLICATIONS, PRESENTATIONS and Lectures delivered

- 'Human Factors and Airway Disasters': Indian Society of Anaesthesia Annual Conference, October 2020
- Editor for Chapter 2 and author of sections in the Raising the Standards, RCOA quality improvement Compendium 2020
- Core Topics Meeting: Aberdeen Feb 2020 Organiser
- Lung Left Behind: Presentation at AAGBI Trainee Conference 2020
- Lung left Behind: Scottish Airway Group Annual Meeting 2020
- Reflective Practice: How should we do it: NES Medical Education Conference 2019
- Blood transfusion practice in AMH-Reaudit 2016 Dr Glory Roberts, Dr M Kumar and Dr N Kirodian
- Co-author for the RCOA document 'Guidelines for the Provision of Anaesthesia Services for Intra-operative Care 2016, revised in 2019.
- Guidelines for the Management of Back Pain in the Ante-natal patient 2016
- Guidelines for Enhanced Recovery for Caesarean Section 2015
- Patient Information Leaflet for Enhanced Recovery for Caesarean Section 2015
- Postop analgesia after ACL repair: a survey of various regimes used: poster presentation at NESSA 2013 Manisha Kumar, B Niazi

- Airway obstruction, caesarean section and thyroidectomy. Hendrie MA, Kumar MM. Int J Obstet Anesth. 2013 Nov;22(4):340-3
- Airway Obstruction secondary to a large multinodular goitre in a pregnant patient: Poster presented at the Difficult Airway Society Meeting 2012; Also presented at the Winter Scientific Meeting 2013
- Abstract published in Anaesthesia 2013; 68(2) 29
- Poster presentation: An audit of Blood transfusion triggers at the Aberdeen Maternity Hospital NESSA 2011
- Poster presentation SSA 2009: Comparison of efficacy of epidural infusion versus PCEA for labour analgesia. Manisha Kumar, Nalin Sharma
- Poster presentation SSA 2007: Audit of Training in Obstetric General Anaesthetics. R Pratap, Manisha Kumar
- Poster presentation SSA 2006: Survey of Anaesthetist's attitude towards Awareness and BISS monitoring. Shiela Black, Manisha Kumar
- Study of Comparison of Epidural Analgesia uptake during labour with Nazreth Hospital and a review of the analgesia options available. Project with an Elective Medical Student 2008
- Comment on Treatment of Neurocardiogenic syncope Anaesthesia 2007:62(6), 633
- Neurocardiogenic syncope in the Obstetric patient. Luna Saqr, Manisha M Kumar Anaesthesia 2007 Jan:62(1), 79-84
- Comparison of cuffed, uncuffed tracheal tubes and laryngeal mask airways in low flow pressure controlled ventilation in children. TE Engelhardt, G Johnston, Manisha M Kumar; Paediatric Anaesthesia 2006 Vol 16, issue 2, 140-143
- Combined spinal epidural anaesthesia for elective caesarean section in a patient with spondylometaphyseal dysplasia Kumar, Manisha M; Forster, MR International Journal of Obstetric Anesthesia, 2002 11(3): 225-227.

- Caesarean section under Regional anaesthesia. Kumar Manisha, MacLennan FM. International Journal of Obstetric Anaesthesia 2001 Oct.
- Epidural administration of methylprednisolone for the management of low back pain with radiculopathy. Mehta Manisha, Dureja GP. J Anaesth Clin Pharmacol 1993, 9(2): 117-122
- Changes in arterial oxygen saturation during induction of anaesthesia and intubation. Narayan V, Kashyap L, Mehta M J Anaesth Clin Pharmacol 1993, 9(1): 31-34.
- THESIS: Epidural administration of Methylprednisolone for the management of Acute and Chronic Low Back Pain with radiculopathy. 1992

Quality Improvement Projects

- Use of Remifentanil PCA for analgesia in labour 2019
- Post op monitoring of patients after intra-thecal opiates in obstetrics 2018
- Perioperative Anaemia in the Obstetric Population 2018
- Enhanced Recovery after Caesarean Section: Audit 2016
- Blood transfusion practice in AMH-Reaudit 2016 Dr Glory Roberts, Dr M Kumar and Dr N Kirodian
- Guidelines for the Management of Back Pain in the Ante-natal patient 2016
- Guidelines for Enhanced Recovery for Caesarean Section 2015
- Patient Information Leaflet for Enhanced Recovery for Caesarean Section 2015
- Survey of the midwives knowledge and attitude towards the use of epidural analgesia in labour 2015
- Survey of the midwives knowledge and attitude towards the use of Remifentanil PCA for analgesia in labour 2015
- Survey of the incidence of anaemia in the pregnant patients in AMH 2015
- Survey of the incidence of anaemia in the elective orthopaedic patients 2015
- Audit of the Blood transfusion practice in elective orthopaedics 2015
- Closing the loop of the audit of Blood transfusion practice at Aberdeen Maternity Hospital 2014
- Postop analgesia after ACL repair: a survey of various regimes used: poster presentation at NESSA 2013 Manisha Kumar, B Niazi
- Audit of the uptake of Epidurals for labour analgesia and the time delay in the patient getting an epidural, looking at Patient Satisfaction: 2012
- Audit of the uptake of Remifentanil for labour analgesia: 2012

- Analgesia for Anterior cruciate Ligament Repair: an audit 2012
- Audit of the use of Labour epidurals for operative delivery-looking at the time taken to top up epidurals with respect to decision to delivery intervals and to look at what can be done to reduce it: 2012
- Audit- closing the loop on a previously done audit on compliance of administration of prescribed analgesia and DVT prophylaxis for postop caesarean section patients; 2011
- Audit of post dural puncture headaches and their management at AMH 2011
- Blood transfusion in the maternity unit 2010
- Compliance of administration of post op analgesia in AMH 2008
- Audit of conversion of epidural analgesia for operative delivery 2008
- Compliance of administration of post op DVT prophylaxis in AMH 2008
- Efficacy of epidural analgesia in labour 2007
- Efficacy of PCEA for analgesia in labour 2007
- Audit of Block height accepted for caesarean section 2007
- Post op Pain relief after caesarean section 2006
- Training for General Anaesthesia in Obstetric population 2006
- Survey of Anaesthetists' attitude towards Awareness and BIS monitoring 2005
- Patient Survey of Awareness 2005
- Anaesthetists' Response time for epidurals in labour 2005