

Joint meeting of the  
Manchester Medical Society  
Section of Anaesthesia

**The Manchester Conference Centre,  
Weston Building  
Sackville Street, Manchester, M1 3BB**

**Friday 10th September 2010**

***"What's new in ....."***

**Approved for 5 External CME Credits**

& The Royal Society of Medicine  
Section of Anaesthesia

# Programme—Morning

**8.30 – 9.30am – Registration and Coffee**

**Chairman:** *Dr Roop Kishen, President, Manchester Medical Society  
Section of Anaesthesia*

**9.30 am Dr Adrian Pearce**  
(Consultant Anaesthetist, Guy's & St Thomas' NHS Foundation Trust)

**"Airway management—a review of recent literature"**

Adrian Pearce will look at a few papers on airway management published in 2009 which could change our clinical practice. The scientific findings will be placed in context of previously published work with an evaluation of the likely effect of the work in changing the core knowledge and skills which influence our daily anaesthetic activity.

**10.30 am Professor Mike Laffan**  
(Professor of Haemostasis and Thrombosis, Honorary Consultant in Haematology, Imperial College London)

**"Haemostasis in acute haemorrhage"**

Normal haemostasis relies on effective primary haemostasis to form a platelet plug and a large thrombin burst to generate a stable fibrin mesh which stabilises the plug. The plug must also be resistant to the effects of fibrinolysis which is initiated at the same time. In acute major haemorrhage all these elements may be deranged by the effects of dilution, acidosis and hypothermia. Better understanding of these effects and their causes should enable better management of acute haemorrhage.

**11.30 am Coffee**

**12.00 pm**    **Professor Rita Katznelson**  
(Assistant Professor, University of Toronto)

**“What’s new in postoperative delirium”**

This presentation will include a review of aetiology, mechanisms, diagnosis and treatment of postoperative delirium. At the end delegates should be able to:

- Understand epidemiology and prognosis of patients with postoperative delirium
- Make diagnosis of postoperative delirium
- Develop treatment strategies for prevention and treatment of postoperative delirium

Delirium is a common and devastating complication after surgery especially in older patients. It is associated with increased morbidity, mortality, long hospitalisation and higher health care costs. There is currently no approved pharmacological therapy for the prevention and treatment of delirium in the postoperative period. Non-pharmacological approach should target potentially modifiable risk factors as sleep deprivation, pain, hearing and visual impairment, immobility and overuse of medications associated with delirium.

**1.00 pm**    ***Lunch***

# Programme—Afternoon

**Chairman:** *Dr Anita Holdcroft, President, Royal Society of Medicine, Section of Anaesthesia*

**2.00 pm**     **Dr Chris Pomfrett**

(Lecturer in Neurophysiology applied to Anaesthesia, The University of Manchester)

**“The Vagus Nerve: A window on Consciousness and Disease”**

The vagus nerve (cranial nerve X) connects our brainstem to the body, facilitating monitoring and control of many automatic functions; the vagus electrically links our gut, lungs and heart to the base of the brain in an evolutionarily-ancient circuit, similar between mammals and also seen in birds, reptiles and amphibians. In many ways the vagus can be compared to the USB or Firewire connection of your computer. The vagus comprises a major part of the parasympathetic autonomic nervous system, contributing to the motor control of important physiological functions such as heart rate and gut motility. The vagus is also sensory, relaying protective visceral information leading to reflexes like cough and indication of lung volume. The vagus has been described as a neural component of the immune reflex. By monitoring changes in the level of control exerted by the vagus, apparent as beat by beat changes of heart rate, it is possible to indirectly review the effect of pharmaceuticals and disease on brainstem function and neural processes underlying consciousness. The paired vagus nerves of humans have different functions, and stimulation of the left vagus has been shown to be a therapeutic treatment for epilepsy, and may modulate the perception of pain.

**3.00pm**     **Dr Neil Stanley**

(Consultant Anaesthetist, Manager of the Clinical Research and Trials Unit, Norfolk and Norwich University Hospitals NHS FT)

**“Sleep— What's new?”**

Good sleep is important for us all but especially the healthcare environment from its importance in keeping patients well and helping them get better to the part it can play in stopping Doctors killing patients, or killing themselves. This talk will provide an update on the latest findings concerning the benefits of sleep to good physical, mental and emotional health and may just help you and your patients live longer.

**4.00 pm**     **Completion of evaluation forms during coffee followed by close of meeting**

This meeting has been supported by a non-promotional grant from the following companies:-

CSL Behring  
ProStrakan Group PLC  
Wesleyan Medical Sickness  
Pfizer UK

# Directions & Parking

Manchester Conference Centre is a purpose built conference venue and hotel facility in the heart of Manchester city centre, just 300 metres from Manchester Piccadilly Station. It is in close proximity to Manchester Airport, the Greater Manchester Metro Link tram system, and central rail, bus and coach .

## How To Find Us

- Manchester Conference Centre is only three minutes walk from Manchester Piccadilly Railway Station for national and international rail services.
- Manchester Airport can be reached by train, taxi or hire car in 15 minutes.
- By road we are easy to find: just off the A57M Mancunian Way at the A34 exit, with rapid links to the motorway network, including the M6, M56 and M1.
- We are just three minutes walk from Manchester city centre coach station at Chorlton Street.
- We are adjacent to a 700 space multi story car park which is open seven days a week.
- Manchester Oxford Road station, a convenient train station for delegates travelling from the North West, is just three minutes walk.
- We are just five minutes by tram from Manchester Victoria Railway Station.
- Convenient Metro Link trams are available in Manchester Piccadilly Gardens and Manchester Piccadilly Station; both only three minutes walk away.

## Walking From Manchester Piccadilly

Take the escalator down from the station's main concourse and turn right along Fairfield Street and then cross through some pleasant gardens alongside Manchester University's historic Sackville Street building. The Days Hotel & Manchester Conference Centre is on the left on the corner of Sackville Street and Charles Street.

# Booking Form

Joint meeting of the Manchester Medical Society and The Royal Society of Medicine  
Sections of Anaesthesia—Friday 10th September 2010

## DELEGATE INFORMATION

<i>Title: <b>Professor / Dr / Mr / Mrs / Ms</b></i>	
<i>Forename(s):</i>	<i>Surname:</i>
<i>Job Title:</i>	<i>Place of Work:</i>
<i>Address:</i>	<i>Telephone:</i>
<i>Postcode:</i>	<i>E-mail:</i>

## **REGISTRATION FEES:**

[Please tick appropriate box]

### **MEMBERS OF Manchester Medical Society OR Royal Society of Medicine**

Fellows—Consultants and above      £130.00     

Fellows—Trainees      £100.00     

### **NON MEMBERS OF Manchester Medical Society OR Royal Society of Medicine**

Consultants/ GPs      £165.00     

Trainee      £125.00     

***Please make cheque payable to Manchester Medical Society***

### **Please return this form to:**

Manchester Medical Society  
c/o John Rylands University Library,  
Oxford Road, Manchester, M13 9PP

**before Friday 3rd September 2010**

Telephone 0161 273 6048, Fax 0161 272 8046, or email [admin@mms.org.uk](mailto:admin@mms.org.uk)

