

## History of the Advanced Paediatric Intensive Care Simulation course

The Bristol Medical Simulation Centre (BMSC) was one of the first specialized Simulator Facilities established in the UK. It delivers expert multidisciplinary healthcare training in a newly refurbished facility based within the University Hospital Bristol NHS Trust Education Centre. The BMSC uses a variety of interactive human patient simulators and manikins to give clinicians the opportunity to learn, rehearse and perfect procedures from the simple to the highly complex.

This is the 5<sup>th</sup> course we have now run at the Bristol Simulator Centre. The course combines lectures, small group workshops and sessions on the paediatric simulator. We use the latest high fidelity adult, paediatric and infant simulation manikins. The course always receives very positive feedback and is now run in Australia and North America.

### Course Directors:

Dr James Fraser, Consultant in Paediatric Intensive Care, Bristol Royal Hospital for Children (BRHC)

Dr David Grant, Consultant in Paediatric Intensive Care, Bristol Royal Hospital for Children (BRHC)

### Guest Speakers:

Dr Alan Goldman, Consultant in Intensive Care, Great Ormond Street Hospital

Dr Mark Peters Consultant in Intensive Care, Great Ormond Street Hospital

Dr Gale Pearson, Consultant in Intensive Care, Birmingham Children's Hospital

Dr Andrew Durward, Consultant in Intensive Care Guy's & St. Thomas' Hospital

### Local Faculty (BRHC):

Dr Margrid Schindler, Consultant in Paediatric Intensive Care

Professor Andrew Wolf, Consultant in Anaesthesia & Paediatric Intensive Care

Dr Stephen Marriage, Consultant in Paediatric Intensive Care

Dr Patricia Weir, Consultant in Anaesthesia & Paediatric Intensive Care

Dr Ian Jenkins, Consultant in Anaesthesia & Paediatric Intensive Care

Dr Peter Davis, Consultant in Paediatric Intensive Care

Dr Peter Murphy, Consultant in Anaesthesia & Paediatric Intensive Care

Dr Rob Martin, Consultant in Paediatric Cardiology

## PROGRAMME:

### Day 1: Anaesthesia and lung injury

#### Lectures

- Anaesthesia for the PICM trainee *Professor Andrew Wolf*
- ARDS *Dr Margrid Schindler*
- Management of Diabetic Ketoacidosis *Dr Andrew Durward*

#### Workshops

- Ultrasound-guided line placement *Dr Patricia Weir*
- Radiology (essential CT/MRI understanding) *Dr David Grier*

#### Simulator Sessions

- Emergency Airway management *All*
- ARDS/ALI *All*



### Day 2: Cardiac ICU

#### Lectures

- Inotropes and fluids – does it matter? *Dr David Grant*
- Cardiac Intensive Care – *Dr Alan Goldman (double session)*

#### Workshops

- Renal replacement therapy (CVVH/HD/HDF/ACD) *Dr David Grant*
- Cardiac pacing *Dr Rob Martin*

#### Simulator Sessions

- Cardiac surgery *All*



### Day 3: Brain injury and Unit Organisation

#### Lectures

- Traumatic Brain Injury *Dr James Fraser*
- Inflammation & Sepsis *Dr Mark Peters*
- Monitoring performance across PICUs *Dr Gale Pearson*

#### Workshops

- Transport *Dr David Grant*
- Breaking bad news *Dr Stephen Marriage*

#### Simulator Sessions

- Sepsis *All*
- Traumatic Brain Injury *All*



*"Spot On. Good balance of appropriate lectures and simulations"*

*"You wouldn't believe it if I told you how much I learned from this course. Very hands on and stimulating"*

*"Very good course, practically useful for a wide range of people"*

## REGISTRATION FORM

Please complete details clearly in block capitals as this information is used to prepare course materials. If you are interested in this course, please contact Adrienne Fitt-Williams on 0117 342 8843

Name: .....

Address: .....

Telephone: .....

Email: .....

Grade / Speciality: .....

Hospital: .....

### Payment

In order to be registered for the course, full payment of course fees must be made with your application, unless an organisation is paying on your behalf. Bookings, for which payment has not been received prior to 23<sup>rd</sup> December 2008, may be cancelled.

Payment by cheque only and to be made payable to "APICS"

### Cost:

£600 (this includes course material from all lectures, lunch on each day of the course, and a meal with the faculty at a top Bristol restaurant)

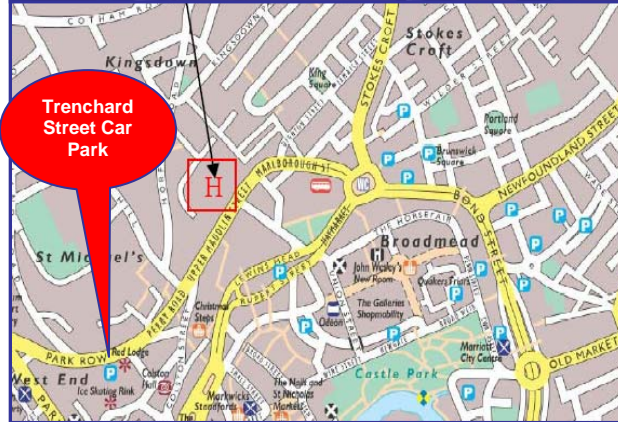
### Numbers limited to 20

### Please send application form and payment to:

Mrs Adrienne Fitt-Williams  
APICS Course Co-ordinator  
Paediatric Intensive Care Unit  
Bristol Royal Hospital for Children  
Upper Maudlin Street  
Bristol  
BS2 8BJ

### Accommodation

Accommodation can be arranged directly with the APICS Co-ordinator upon registration.



★ = Bristol Medical Simulation Centre

### Parking

The Bristol Medical Simulation Centre is situated in the UHBristol Education Centre, opposite the Bristol Children's Hospital. There is very limited public parking on Pay and Display near the hospital but there are a few NCP car parks in the vicinity. The nearest car park to BRHC is Trenchard Street, off Park Row. There are Park and Ride schemes which stop nearby and the Bristol Bus/Coach Station is only a 5 minute walk away. Further details will be supplied on application.

### Transport

The nearest station is Bristol Temple Meads, which is a 20 minute walk from the Simulation Centre: For further information on train times please visit the website: [www.railtrack.co.uk](http://www.railtrack.co.uk)

# ADVANCED PAEDIATRIC INTENSIVE CARE SIMULATOR COURSE

# APICS

20<sup>th</sup> – 22<sup>nd</sup> January 2009

Bristol Medical Simulator Centre



### Who should attend this course?

This course provides an evidence-based overview of current treatment strategies in paediatric intensive care (PIC). The course is based upon the training requirements of the intercollegiate committee in PIC, and is highly recommended for all advanced trainees in PIC medicine. The course will also be relevant to other trainees and adult intensive care consultants interested in the management of critically ill children and adolescents.

### Contact:

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