9th Biennial Alex Mowat Meeting
8th and 9th September 2012

‘Acute Liver Failure: Neurological Aspects of Management’

Venue
Bill Whimster Suite, Weston Education Centre, King’s Campus, Denmark Hill, London SE5 9RS

Course Directors:
Prof Anil Dhawan and Dr Akash Deep

In collaboration with International Liver Transplantation Society (ILTS)

Paediatricians attending this meeting can claim up to 8 CPD credits in accordance with current RCPCH guidelines.
Professor Alex Mowat created the Paediatric Liver Centre at King’s. This pioneering step lead him to be instrumental in Paediatric Hepatology being recognised as a speciality in its own right, and to him training many of the children’s liver specialists around the world. Alex died in 1995. Since then he has been honoured and remembered in a number of ways.

Every two years a meeting is held at King’s with lectures from invited speakers from around the world. The aim of the meeting is to celebrate Professor Mowat’s distinguished career and to share recent scientific developments in the field of liver disorders of childhood and their application to the clinical setting.
SPEAKERS

Prof Anil Dhawan
Professor and Director of Paediatric Hepatology
King's College Hospital
London, UK

Dr Akash Deep
Consultant and Clinical Lead in Paediatric Intensive Care
King's College Hospital
London, UK

Prof Giorgina Mieli-Vergani
Professor of Paediatric Hepatology
King's College Hospital
London, UK

Prof Roger Williams, CBE
Director – Institute of Hepatology
Foundation for Liver Research
69-75 Chenies Mews
London, WC1E 6HX

Prof Pierre Tissieres
Paediatric Intensivist
Hôpitaux Universitaires Paris Sud
78 Rue du General Leclerc
94275 Le Kremlin-Bicêtre
France

Prof Rajiv Jalan MBBS FRCP FRCPE MD PhD
Professor of Hepatology
University College Hospital
235 Euston Road
London NW1 2BU

Dr Patricia McClean
Consultant in Paediatric Hepatology
General Infirmary at Leeds
Great George Street
Leeds
West Yorkshire
LS1 3EX

Dr Alastair Baker
Consultant Paediatric Hepatologist and Clinical Lead
King's College Hospital
London, UK

Prof Mohamed Rela
Consultant Liver Transplant Surgeon
King's College Hospital
London, UK

Dr Yaya Egberongbe
Consultant Paediatric Intensivist
King's College Hospital
London, UK

Prof Giorgina Mieli-Vergani
Professor of Paediatric Hepatology
King's College Hospital
London, UK

Dr Dr Suzanne McDiarmid
Medical Director of the Paediatric Liver Transplant Program
Mattel Children's Hospital at UCLA
10833 Le Conte Ave
Los Angeles
California 90095
USA

Dr Jozef Jarosz
Consultant Neuroradiologist and Clinical Director
King's College Hospital
London, UK

Dr Harry Antoniades
Lecturer and Honorary Consultant in Hepatology
Imperial College London
10th Floor QEQM
St Mary's Campus
South Wharf Road
London W2 1NY

Dr Michael Bell MD
Director - Paediatric Neurocritical Care
University of Pittsburgh
Children's Hospital of Pittsburgh of UPMC
4401 Penn Avenue
Suite Floor 5
Pittsburgh, PA 15224 USA
Prof Harish Vyas  
Professor in PICU and Respiratory Medicine  
Nottingham University Hospital  
Queens Medical Centre  
Nottingham  
NG7 2UH

Prof John O’Grady  
Consultant Hepatologist  
King’s College Hospital  
London, UK

Dr Julia Wendon  
Consultant Intensivist  
King’s College Hospital  
London, UK

Dr Patrick McKiernan  
Consultant Paediatric Hepatologist  
Birmingham Children’s Hospital  
Steelhouse Lane  
Birmingham  
B4 6NH

Dr Mark Peters MB BS PhD MRCP FRCPCH  
Consultant Paediatric Intensivist  
Great Ormond Street Hospital  
Great Ormond Street  
London WC1N 3JH

Prof David Edwards  
Head, Neonatal Medicine  
MRC Clinical Sciences Centre  
Hammersmith Hospital  
Du Cane Rd  
London W12 ONN

Dr Colin Ball  
Consultant Paediatrician  
King’s College Hospital  
London, UK

Dr Rajendra Prasad MS MCh FRCS  
Consultant Surgeon  
St James’s University Hospital  
Beckett Street  
Leeds

Dr Simon Cottam  
Clinical Director – Anaesthetics and Critical Care  
King’s College Hospital  
London, UK

Prof Nigel Heaton  
Consultant Liver Transplant Surgeon and Director  
King’s College Hospital  
London, UK

Mr Khalid Sharif  
Consultant Transplant Surgeon  
Birmingham Children’s Hospital  
Steelhouse Lane  
Birmingham  
B4 6NH

Dr Prab Prabhakar MBBS, DCH, FRCPCH  
Consultant Paediatric Neurologist  
Great Ormond Street Hospital  
Great Ormond Street Hospital  
London WC1N 3JH

Prof Rob Squires  
Clinical Director - Gastroenterology/Hepatology  
Childrens Hospital of Pittsburgh  
705 Fifth Avenue  
Pittsburgh  
Pennsylvania 15213  
USA
Programme

Saturday 8th September

09.00-09:20  Registration and coffee

09:20-09:30  Introduction to the Day
              Prof Anil Dhawan, KCH, UK

Session 1  Chairs – Prof Anil Dhawan, UK/Dr Patricia McClean, UK

09:30-10:05  ‘Giorgina and Diego’ – Keynote lecture
              ‘Historical Perspective of Acute Liver Failure in adults’
              Prof Roger Williams, Institute of Hepatology, UK

10:05-10:25  Historical perspective of Acute Liver Failure in Children
              Prof Giorgina Mieli-Vergani, KCH, UK

10:25-10:45  Anatomical and physiological aspects of cerebral circulation & autoregulation in infants and children
              Dr Yaya Egberongbe, KCH, UK

Session 2  ‘Aetiology related risk factors for raised intracranial pressure /encephalopathy in liver failure’

10:45-11:05  Hyper-acute /Acute Liver Failure
              Prof Rob Squires, Pittsburgh, USA

11:05-11:25  Metabolic liver failure and Chronic Liver Disease
              Prof Pierre Tissieres, Paris, France

11:25-11:45  Acute on chronic liver failure
              Prof Rajiv Jalan, UCLH, UK

11:45-12:15  COFFEE

Session 3  Chairs - Dr Alastair Baker, UK/Prof Mohamed Rela, UK

‘Diagnosis of increased Intracranial Pressure/encephalopathy’

12:15-12:35  Clinical diagnosis
              Dr Akash Deep, KCH, UK

12:35-12:55  Radiological Diagnosis
              Dr Jozef Jarosz, KCH, UK
12:55-13:15  Biomarkers
Dr Harry Antoniades, ICL, UK

13:15-13:35  Critical appraisal of invasive monitoring of intra-cranial pressure
Dr Michael Bell, Pittsburgh, USA

13:35-14:30  LUNCH

Session 4  Chairs – Prof Harish Vyas, UK/Prof John O’Grady, UK
‘Management of raised ICP/encephalopathy’

14:30-14:50  Management of raised ICP in adult patients with ALF
Prof Jules Wendon, KCH, UK

14:50-15:10  Management of raised ICP in paediatric patients with ALF - Experience from USA
Dr Michael Bell, Pittsburgh, USA

15:10-15:30  Role of extracorporeal devices in management of raised ICP in Acute Liver Failure,
especially role of High Volume Haemofiltration (HVHF)
Prof Pierre Tissieres, Paris, France

15:30-16:00  COFFEE

Session 5  Chairs - Dr Patrick McKiernan, UK/Prof Dino Hadzic, UK
‘Adjunctive Therapy in Acute Liver Failure’

16:00-16:20  Hypothermia in children with raised ICP - Technique and feasibility in children
Dr Mark Peters, GOSH, UK

16:20-16:40  Induced Hypothermia in the management of neonatal brain injury
Prof David Edwards, KCL, UK

16:40-17:00  Transporting a child with ALF
Dr Akash Deep, KCH, London

17:00  Close
Sunday 9th September

Session 1  Chairs - Dr Sue McDiarmid, USA Mr Rajendra Prasad, UK

‘Transplantation in ALF’

09:30-10:00  Anaesthetic challenges during transplant and implications for the brain
Dr Simon Cottam, KCH, UK

10:00-10:30  Neonatal liver transplantation and auxiliary liver transplantation
Prof Nigel Heaton, KCH, UK

10:30-11:00  COFFEE

Session 2  Chairs – Prof Giorgina Mieli-Vergani, UK Mr Khalid Sharif, UK

‘Ethics in Transplanting Children with ALF’

11:00-11:30  Predicting neuro-outcome in children with cerebral injury
Dr Prab Prabhakar, GOSH, UK

11:30-12:00  Neurological outcome of ALF after liver transplantation
Dr Sue McDiarmid, UCLA, USA

12:00-12:30  Ethics of liver transplantation in children where neurological outcome is questionable
Dr Colin Ball, KCH, UK

12:30-13:30  Round Table Discussion for Best Practice
(Facilitator – Prof Anil Dhawan)

13:30  Close
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Registration Form

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| Postcode |         |

| Telephone | Fax | Email |

Please return this form to:
Kathy Meader by email to
kathleenmeader@nhs.net

or by fax to
+44 (0)20 3299 3657

or by post to Kathy Meader
Paediatric Liver, GI and Nutrition Centre
3rd Floor, Cheyne wing
King’s College Hospital
Denmark Hill
London
SE5 9RS, UK

Payment may be made by cheque or
International Bankers’ Draft (in Sterling).
Registration costs £70 for doctors and £40
for nurses and allied health professionals

Please make cheques payable to:
Paediatric Liver Research Fund
Transport

There are 4 trains per hour from Victoria to Denmark Hill. They leave at 11, 14, 31 and 41 minutes past the hour.

There are 2 trains per hour from London Bridge to Denmark Hill. They leave at 11 and 41 minutes past the hour.

Bus 185 leaves from Victoria Station to Denmark Hill
Bus 36 or 436 leave from Victoria Station to Camberwell.
Then a 5 minute walk to the hospital.