

British Paediatric Neurology Association
Annual Conference 28-30 January 2009
National Motorcycle Museum, Birmingham
Programme
(updated 22 Nov 08)

Wednesday 28 January 2009

- Noon Conference Registration and Lunch
- 12.55 – 13.00 Welcome
- 13.00 – 14.30 **Session 1: Spoken Presentations**
Chair: Dr Raj Gupta, Consultant Paediatric Neurologist, Birmingham
- 13.00 Acute spinal cord lesions in children B Harms
- 13.15 Is it possible to diagnose mitochondrial disease on the basis of the clinical presentation? A Winstone
- 13.30 Aicardi-Goutières syndrome (AGS) and other congenital infection-like phenotypes: Preliminary data and emerging patterns J Livingston
- 13.45 Recovery of consciousness following acute symptomatic seizures due to central nervous system infections in children E King
- 14.00 Appearances of the cerebellum on diffusion weighted imaging following preterm birth A Hart
- 14.15 The multiple phenotypes of Arthrogryposis Multiplex Congenita (AMC) with special reference to the neurogenic variant G Ambegaonkar
- 14.30 – 15.00 **Keynote lecture: 'Update on leucoencephalopathies'**
Professor van der Knaap, Holland
Chair: Dr Raj Gupta, Consultant Paediatric Neurologist, Birmingham
- 15.00 – 16.30 Poster viewing (tea & coffee will be served)
- 16.30 – 17.00 **Presentations by Guests of the BPNA**
Introduced by Professor Helen Cross, London, BPNA President
- 17.00 – 19.00 Annual General Meeting of the British Paediatric Neurology Association
- 20.00 for 20.30 Dinner at the National Motorcycle Museum

Thursday 29 January 2009

- 08.00 – 09.00 **Personal practice sessions:**
1. "White matter disorders – it's not all black and white"
Chair: Dr E Wassmer, Panel: Dr M Van der Knaap, Dr L MacPherson
 2. "Dystonia / movement disorders – video based discussions"
Chair: Dr M Smith, Panel: Prof E Fernandez-Alvarez, Dr H Pal, Dr J-P Lin

09.00 – 10.30 **Session 2: Oral Poster Presentations**

Chair: Dr Tracey Willis, Research Fellow, Newcastle Upon Tyne

09.00	Electro-clinical phenotype of males with MECP2 duplication	J Kisler
09.05	Mortality from childhood stroke in England and Wales 1921-2000	A Mallick
09.10	Continuous intrathecal baclofen in non ambulant children with cerebral palsy	R Morton
09.15	Evaluation of the efficacy and acceptability of cardiac biomarker N-terminal pro-brain natriuretic peptide as a method of early identification of cardiac impairment in children with Duchenne muscular dystrophy	K Lewis
09.20	Familial hemiplegic migraine with a novel mutation in the ATP1A2 gene associated with febrile seizures and recurrent unprovoked encephalopathy	V Jain
09.25	Adenylosuccinate lyase deficiency in the United Kingdom – an underecognised cause of developmental delay, epilepsy and delayed myelination?	C Lundy
09.30	Have Guidelines improved the use of lumbar punctures for children with suspected central nervous system Infections?	T Bugembe
09.35	Neurological features and brain magnetic resonance imaging findings in patients harbouring mutations in the SLC16A2 gene	A Gika
09.40	Epilepsy and mental retardation limited to females (EFMR): Paediatric presentation of the first UK family	M Illingworth
09.45	A Novel Syndrome of Severe Mental Retardation, Spasticity and Tapetoretinal Degeneration (MRST) is Linked to Chromosome 15q.25.1	M Kurian
09.50	Response to Deep Brain Stimulation (DBS) in primary & secondary childhood dystonias improves with the volume of Globus Pallidus Internus (GPI) stimulated as determined by the number of activated contacts	D Lumsden
09.55	Partially Dopa Responsive Dystonia in a compound heterozygote for GTP- cyclohydrolase 1 gene mutations	K McWilliam
10.00	Defining normal values for two simple test of strength in young children.	J Ng
10.05	Psychological status at 1, 6 and 12 months in children with severe/moderate and mild traumatic brain injury (TBI) and non-injured controls; relationship to injury severity, Health Related Quality of Life (HRQL), socio-economic status and family burden	R Lakschmi
10.10	Childhood Absence Seizures and GLUT 1 deficiency	D Webb
10.15	Effect of attributional style and maternal mental health on quality of life of children treated for posterior fossa tumours: interim results	K Bull
10.20	A diagnostic algorithm for the diagnosis of neuronal ceroid lipofuscinosis in children	R Williams
10.25	Dihydrolipoamide acetyltransferase deficiency in cases of atypical pantothenate kinase associated neurodegeneration	R McWilliam

- 10.30 – 11.00 **Keynote lecture: ‘Dopamine defects in children’**
Professor Emilio Fernandez-Alvarez, Spain
 Chair: Dr Martin Smith, Consultant Paediatric Neurologist, Birmingham
- 11.00 – 11.30 Tea and coffee break
- 11.30 – 12.15 **Keynote lecture: ‘From pathology to therapy in muscular dystrophies’**
Professor Caroline Sewry, RJAH Orthopaedic Hospital, Oswestry & Professor Francesco Muntoni, Institute of Child Health, London
 Chair: Dr Ros Quinlivan
- 12.15 – 13.00 **Ronnie MacKeith Guest Lecture:**
Professor Ingrid Scheffer, University of Melbourne
 Introduced by Professor Helen Cross, London, BPNA President
- 13.00 – 14.00 Lunch
- 14.00 – 15.00 **Session 3: Spoken Presentations**
 Chair: Professor Stefano Seri
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| 14.00 | Non-Accidental Head Injury: A disorder of deprivation? | P Jones |
| 14.15 | Radiological and clinical findings that aid in the diagnosis of traumatic head injury in infancy | V Kelly |
| 14.30 | Use of hierarchical linear modelling of verbal and non-verbal memory function to investigate the effects of injury severity, age and gender on levels of outcome and rate of change in children with traumatic brain injury (TBI) and non-injured controls | H Miller |
| 14.45 | Behavioural problems, adaptive behaviour, cognitive status, emotional status, health status, and HRQL in the first 12 months after diagnosis in children with brain tumours; a prospective longitudinal study | A Penn |
- 15.00 – 15.10 British Paediatric Neurology Surveillance Unit
Dr Finbar O’Callaghan, Chair BPNSU, Consultant Paediatric Neurologist, Bristol
- 15.15 – 17.00 Special Interest Group meetings (details in the conference handbook)
- 15.30 – 17.00 Metabolic Course *for those who have pre registered*
- 19.30 for 20.00 ‘A burst of spice – a night of Bollywood Dreams!’ Centennial Centre, Birmingham

Friday 30 January 2009

08.00 – 09.00 **Personal practice sessions:**

1. “Management of spasticity in a diplegic child”
 Chair: Dr M Edwards, Panel: Dr M Smith, Mr A Roberts, Dr R Morton
2. “Multiple sclerosis – early intervention”
 Chair: Dr E Wassmer, Panel: Dr C Hemingway, Dr M Lim
3. “Ketogenic diet in epilepsy – from fasting to Atkins”
 Chair: Dr S Philip, Panel: Prof H Cross, Dr E Neal, Ms G Magrath

09.00 – 10.30 **Session 4: Spoken Presentations**

Chair: Dr Raj Gupta, Consultant Paediatric Neurologist, Birmingham

09.00 Seizures in comatose children in the paediatric intensive care unit (PICU) A Shahwan

09.15 Adherence to anti-epileptic medication in children with epilepsy from a Scottish population cohort. J Shetty

09.30 Parent's views about drug trials in children with refractory convulsive status epilepticus S Agrawal

09.45 Molecular Genetic Investigation of Autosomal Recessive Cryptogenic Infantile Spasms (ARCIS): Evidence of Clinical and Genetic Locus Heterogeneity M Kurian

10.00 Multiplex ligation probe amplification detects SCN1A gene alterations in >10% of mutation-negative Dravet Syndrome / core SMEI patients A Brunklaus

10.15 The Clinical Spectrum of Gelastic Seizures in Children M Chitre

10.30 – 11.00 **Keynote lecture: 'Autozygosity mapping'**

Professor E Maher

Chair: Dr Sunny Philip, Consultant Paediatric Neurologist, Birmingham

11.00 – 11.30 Tea and coffee break

11.30 – 12.00 **Ronnie MacKeith Prize Lecture:**

Dr Jeremy Parr, Great Ormond Street Hospital for Sick Children, London & University of Oxford

Introduced by Professor Helen Cross, London, BPNA President & Dr Phil Jardine, Bristol, BPNA Secretary

12.00 – 13.15 **Session 5: Oral Presentations**

Chair: Dr Martin Smith, Consultant Paediatric Neurologist, Birmingham

12.00 Automated Visual Field Assessment in Young Children Using Eye Tracking – Preliminary data from 9 children M MacRae

12.15 Evaluation of the Diagnostic Screening Service for PLA2G6 Mutations in Phospholipase Associated Neurodegeneration (PLAN) M Kurian

12.30 Trends in BFMDRS scores in Patients receiving Pallidal Deep Brain Stimulation D Lumsden

12.45 Disease progress modelling improves trial efficiency: work smarter not harder R Forsyth

13.00 Clinical and radiological features of Vein of Galen malformation N McSweeney

13.15 – 14.00 Lunch

14.00 – 15.30 **Session 6: Video session with spoken presentations**

Chair: Dr Helen Roper, Birmingham

14.00 Non-epileptic status epilepticus S Haden

14.11	Immune mediated encephalopathy with chorea, seizures and developmental regression- case report and literature review	S Agrawal
14.22	Video capture of rapid recovery from status dystonicus in an 11 year old girl with PANK2 disease after switching on Kinetra® DBS stimulator	J-P Lin
14.33	Epileptic apnoea as the only presentation of temporal lobe epilepsy in a child with chromosomal anomaly	A Desurkar
14.44	Evidence of defective neuromuscular transmission (NMT) in a patient with Aromatic L-Amino Acid Decarboxylase (AADC) deficiency	A Gika
14.55	Acute Life-Threatening Episodes (ALTE) secondary to a dystonic movement disorder in Rett Syndrome (RS): treatment with Trihexyphenidyl (THP)	A Gika
15.06	Vigabatrin induced movement disorder in West syndrome	A Nussbaumer
15.17	A novel SCN1A mutation with unusual seizure semiology	V Jain
15.40 – 16.00	Tea and coffee prior to journey home	