THE 1ST LONDON COLLOQUIUM ON STATUS EPILEPTICUS

P R O G R A M M E

Thursday 12 – Saturday 14 April, 2007
and Post-Conference Workshop,
Sunday 15 April, 2007

The Institute of Child Health,
Guilford Street, London WC1N
Thursday 12 April 2007 – Molecular Nature of SE

8.00  Registration and Coffee

9.00  Opening Address:
Professor Roger Lemon, Director, UCL Institute of Neurology, London, UK
Professor Peter Wolf, President, International League Against Epilepsy (ILAE), Copenhagen, Denmark

Morning Session: Neurochemistry and Brain Development
Chair:  Professor Claude Wasterlain, Los Angeles, USA
        Professor Dimitri Kullmann, London, UK

9.30 On the Relevance of Prolonged Convulsive Status Epilepticus in Animals to the Etiology and Neurobiology of Human Temporal Lobe Epilepsy
Professor Robert Sloviter, Tucson, USA

10.15 Changes in GABA<sub>A</sub> Receptors in Status Epilepticus
Professor Guenther Sperk, Innsbruck, Austria

10.45 Impact of Receptor Changes on Treatment of Status Epilepticus
Dr Jaideep Kapur, Charlottesville, USA

11.15 Tea

11.45 Inflammation Modifies Status Epilepticus-Induced Hippocampal Injury During Development
Professor Raman Sankar, Los Angeles, USA

12.15 Influence of Brain Development on Status Epilepticus
Professor Greg Holmes, Hanover, USA

12.45 Lunch (and Poster Presentations)

Afternoon Session: Clinical and Experimental Neurogenetics
Chair:  Professor Giuliani Avanzini, Milan, Italy
        Professor Solomon Moshe, New York, USA

14.00 Role of Genetic Influences in Animal Models of Status
Dr Elyse Schauwecker, Los Angeles, USA

14.30 Role of Mitochondria in Status Epilepticus
Dr Hannah Cock, London, UK

15.00 Tea

15.30 Gene and Protein Expression in Experimental Status Epilepticus
Professor Asla Pitkänen, Kuopio, Finland

16.00 Status Epilepticus: the Past and the Future
Professor Brian Meldrum, London, UK

16.30 Discussion/Summary
Professor Claude Wasterlain, Los Angeles, USA
Professor Dimitri Kullmann, London, UK
Professor Giuliani Avanzini, Milan, Italy
Professor Solomon Moshe, New York, USA

17.30 Close of Day One
Friday 13 April 2007 – Clinical Aspects of SE

8.15 Registration and Coffee

Morning Session: Nonconvulsive Status Epilepticus

Chair: Professor Fred Andermann, Montreal, Canada Professor Ilo Leppik, Minneapolis, USA

8.30 What is Nonconvulsive Status Epilepticus and What are its Subtypes?
Professor Simon Shorvon, London, UK

9.15 EEG Criteria for Nonconvulsive Status Epilepticus
Professor Peter Kaplan, Baltimore, USA

9.45 When is Epileptic Encephalopathy Nonconvulsive Status Epilepticus?
Dr Helen Cross, London, UK

10.15 How Urgent is the Treatment of Nonconvulsive Status Epilepticus?
Professor Pierre Thomas, Nice, France

10.45 Tea

11.15 UCB Satellite Symposium
Chair: Dr Matthew Walker, London, UK
Speakers: Professor Claude Wasterlain, Los Angeles, USA Dr Eugen Trinka, Innsbruck, Austria

12.15 Lunch

Afternoon Session: Treatment of Convulsive Status Epilepticus

Chair: Professor Emilio Perucca, Pavia, Italy Professor Jerome Engel, Los Angeles, USA

13.30 Clinical Pharmacology of Parenteral Use of Antiepileptic Drugs
Professor Meir Bialer, Jerusalem, Israel

14.00 The Use of Valproate and New Anti-Epileptic Drugs in Status Epilepticus
Dr Eugen Trinka, Innsbruck, Austria

14.30 Tea

15.00 Which Anaesthetics Should be Used in the Treatment of Refractory Status Epilepticus?
Dr Andrea Rossetti, Lausanne, Switzerland

15.30 Clinical Trial Design in Status Epilepticus: Problems and Solutions
Professor Brian Neville, London, UK

16.00 Intensive Care Unit Management of Patients with Status Epilepticus
Professor Thomas Bleck, Evanston, USA

16.30 The Surgical Treatment of Status Epilepticus
Dr Samden Lhatoo, Bristol, UK

continued
### Saturday 14 April 2007 – Outcomes of SE

#### Morning Session: Neuroprotection and Drug Resistance

**Chair:** Dr AnneMarie Vezzani, Milan, Italy  
Professor Ley Sander, London, UK  
Professor Çigdem Ozkara, Istanbul, Turkey  
Professor Peter Wolf, Copenhagen, Denmark

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| 9.00  | Neuroprotection in Epilepsy  
Dr Matthew Walker, London, UK  
9.45   | Is Neurogenesis Reparative after Status Epilepticus  
Dr Jack Parent, Ann Arbor, USA  
10.15  | Endogenous Mechanisms of Neuroprotection  
Professor Roger Simon, Portland, USA  
10.45  | Tea                                                                                          |
| 11.15 | Mechanisms of Drug Resistance in Status Epilepticus  
Professor Wolfgang Löscher, Hannover, Germany  
11.45  | What is Animal Experimentation Telling us About New Drug Treatments of Status Epilepticus?  
Professor Astrid Nehlig, Strasbourg, France  
12.15  | Lunch (and Poster Presentations)                                                             |

*continued*
Afternoon Session: Outcome of Status Epilepticus and Guidelines

Chair: Professor Federico Vigevano, Rome, Italy
Dr Martin Holtkamp, Berlin, Germany
Professor Elizabeth Waterhouse, Richmond, USA

13.30 The Epidemiology of Convulsive and Nonconvulsive Status Epilepticus
Professor Felix Rosenow, Marburg, Germany

14.00 Cognitive Outcome of Status Epilepticus in Adults
Professor Christoph Helmstaedter, Bonn, Germany

14.30 Outcome of Status Epilepticus in Children
Dr Alexis Arzimanoglou, Lyon, France

15.00 Tea

15.30 The Risk of Epilepsy after Status Epilepticus in Children and Adults
Dr Hartmut Meierkord, Berlin, Germany

16.00 Out of Hospital Treatment of Status Epilepticus and Prolonged Seizures
Professor Daniel Lowenstein, San Francisco, USA
Professor James Cloyd, Minneapolis, USA

16.30 Treatment Guidelines in Status Epilepticus
Dr Reetta Kälviäinen, Kuopio, Finland

17.00 Discussion
Professor Elizabeth Waterhouse, Richmond, USA
Professor Ley Sander, London, UK
Professor Çigdem Ozkara, Istanbul, Turkey
Dr Annamaria Vezzani, Milan, Italy
Professor Federico Vigevano, Roma, Italy
Dr Martin Holtkamp, Berlin, Germany
Professor Peter Wolf, Copenhagen, Denmark

18.00 Close of Meeting
Sunday 15 April 2007 – Workshop to Develop Recommendations and Options for the Treatment of Status Epilepticus in Europe

8.30  
Registration and Coffee

9.00  
Workshop

Chairs:  
Professor Simon Shorvon, London, UK  
Dr Eugen Trinka, Innsbruck, Austria  
Dr Matthew Walker, London, UK  
Dr Helen Cross, London, UK  
Professor Michel Baulac, Paris, France (Chair, ILAE Commission on European Affairs)

The purpose of the workshop is to devise a document listing recommendations and options for the optimal clinical management of status epilepticus in Europe. This document will be submitted to the ILAE Commission on European Affairs for adoption and dissemination.

The workshop will be open to all European clinical delegates attending the conference.

A draft preliminary document will be available to participants prior to the workshop. Included in this will be the results of a survey of contemporary European practice and a paper summarising the availability of individual IV therapies in Europe.

In the first part of the workshop, participants will be divided into five ‘working groups’. Each working group will consider one of the following five topics: (a) treatment of tonic clonic SE; (b) treatment of nonconvulsivse SE; (c) treatment of EPC; (d) treatment of myoclonic SE in coma; (e) treatment of SE in specific childhood syndromes.

Following this, the groups will then meet together and present their conclusions, which will be debated by the whole assembly.

At the conclusion of the workshop, the core team will be tasked with producing a final document on the basis of the workshop deliberations.

Please could delegates wishing to attend the workshop indicate to which of the 5 working groups they would like to be attached.

12.00  END

This meeting is supported financially by the ILAE Commission on European Affairs, the UK Branch of the ILAE, and by an educational grant from UCB

Patrons of the meeting are: UCL Institute of Neurology, University of Innsbruck, the ILAE Commission on European Affairs, and the ILAE Commission on Therapeutic Strategies