

LONDON COLLOQUIUM ON STATUS EPILEPTICUS

FACULTY

Organising/Planning Committee

Professor Fred Andermann, MNI, Montreal, Canada
Dr Alexis Arzimanoglou, Hôpital Robert Debré, Paris, France
Professor Giuliano Avanzini, Istituto Mario Negri, Milano, Italy
Dr Helen Cross, Institute of Child Health, London, UK
Professor Jerome Engel, UCLA, USA
Professor Peter Kaplan, Johns Hopkins, Baltimore, USA
Professor Dimitri Kullmann, UCL, London, UK
Professor Dan Lowenstein, UCSF, USA
Professor Emilio Perucca, University of Pavia, Italy
Professor Ley Sander, UCL, London, UK
Professor Simon Shorvon (Chairman), UCL, London, UK
Professor Robert Sloviter, Arizona College of Medicine, Tucson, USA
Dr Eugen Trinko, University of Innsbruck, Austria
Dr Matthew Walker, UCL, UK

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Professor Michel Baulac, University of Paris, France
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Professor Jerome Engel, UCLA, USA
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Professor Greg Holmes, University of Dartmouth, USA
Dr Martin Holtkamp, Charité Hospital, Berlin, Germany
Dr Reetta Kälviäinen, University of Kuopio, Finland
Professor Peter Kaplan, Johns Hopkins, Baltimore, USA
Dr Jaideep Kapur, University of Virginia, Charlottesville, USA
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Professor Roger Lemon, Director UCL Institute of Neurology, London, UK
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Dr Sam Lhatoo, Frenchay Hospital, Bristol, UK
Professor Robert de Lorenzo, Virginia Commonwealth University, Richmond, USA
Professor Wolfgang Löscher, University of Veterinary Medicine, Hannover, Germany
Professor Dan Lowenstein, UCSF, USA
Dr Hartmut Meierkord, Charité Hospital, Berlin, Germany
Professor Brian Meldrum, Institute of Psychiatry, London, UK
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Professor Jack Parent, University of Michigan, Ann Arbor, USA
Dr Emilio Perucca, University of Pavia, Italy
Professor Asla Pitkänen, University of Kuopio, Finland

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Professor Gunther Sperk, University of Innsbruck, Austria
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Dr Federico Vigevano, Ospedale Bambino Gesù, Rome, Italy
Dr Matthew Walker, UCL, UK
Professor Claude Wasterlain, UCLA, USA
Dr Elizabeth Waterhouse, Virginia Commonwealth University, Richmond, USA
Professor Peter Wolf, President of the International League Against Epilepsy (ILAE), Copenhagen, Denmark

LONDON COLLOQUIUM ON STATUS EPILEPTICUS

PROGRAMME

Thursday 12 April 2007, Molecular Nature of SE

8.00 Registration and Coffee

9.00 Opening Address:

Professor Roger Lemon, Dean, Institute of Neurology, London

Professor Peter Wolf, President of the International League Against Epilepsy (ILAE)

Morning Session: Neurochemistry and Brain Development

Chair: Professor Claude Wasterlain, Los Angeles, USA

Professor Dimitri Kullmann, London, UK

9.30 The Relevance of Animal Models to Humans

Professor Robert Sloviter, Tucson, USA

10.15 Changes in GABA-A 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 The Role of Inflammation

Dr Raman Sankar, Los Angeles, USA

12.15 Influence of Brain Development on Status Epilepticus

Professor Greg Holmes, Dartmouth, USA

12.45 Lunch (and Poster Presentations)

Afternoon Session: Clinical and Experimental Neurogenetics

Chair: Professor Giuliani Avanzini, Milan, Italy

Professor Robert de Lorenzo, Richmond, 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 Giuliano Avanzini, Milan, Italy

Professor Robert de Lorenzo, Richmond, USA

17.30 Close of Day One

Friday 13 April 2007, Clinical Aspects of SE

8.15 Registration and Coffee

Morning Session: Non-Convulsive Status Epilepticus

*Chair: Professor Fred Andermann, Montreal, Canada
Professor Solomon Moshe, New York, USA
Professor Ilo Leppik, Minneapolis, USA*

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

9.15 The Epidemiology of Convulsive and Non-Convulsive Status Epilepticus
Dr Felix Rosenow, Marburg, Germany

9.45 EEG Criteria for Non-Convulsive Status Epilepticus
Professor Peter Kaplan, Baltimore, USA

10.15 When is Epileptic Encephalopathy Non-Convulsive Status Epilepticus?
Dr Helen Cross, London, UK

10.45 Tea

11.15 The Specific Paediatric Syndromes of Non-Convulsive Status Epilepticus
Dr Perrine Plouin, Paris, France

11.45 How Urgent is the Treatment of Non-Convulsive Status Epilepticus?
Professor Pierre Thomas, Nice, France

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 Status Epilepticus?
Dr Andrea Rossetti, Lausanne, Switzerland

15.30 Intensive Care in Status Epilepticus
Professor Thomas Bleck, Charlottesville, USA

16:00 Surgery for Status Epilepticus
Dr Samden Lhatoo, Bristol, UK

16.30 Discussion
*Professor Fred Andermann, Montreal, Canada,
Professor Solomon Moshe, New York, USA
Professor Ilo Leppik, Minneapolis, USA
Professor Emilio Perucca, Pavia, Italy
Professor Jerome Engel, Los Angeles, USA*

17.30 Close of Day Two

Saturday 14 April 2007, Outcomes of SE

8.30 Registration and Coffee

Morning Session: Other Aspects of Treatment

*Chair: Dr Annamaria Vezzani, Milano, Italy
Professor Ley Sander, London, UK
Dr Çigdem Ozkara, Istanbul, Turkey*

- 9.00 Neuroprotection in Status Epilepticus
Dr Matthew Walker, London, UK
- 9.45 Is Neurogenesis in Status Epilepticus Neuroprotective?
Professor 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)

Afternoon Session: Outcome of Status Epilepticus and Guidelines

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

- 13.30 Cognitive Outcome of Status Epilepticus in Adults
Dr Christoph Helmstaedter, Bonn, Germany
- 14.00 Outcome of Status Epilepticus in Children
Dr Alexis Arzimanaglou, Paris, France

14.30 Tea

- 15.00 The Risk of Epilepsy after Status Epilepticus in Children and Adults
Dr Hartmut Meierkord, Berlin, Germany
- 15.30 Out of Hospital Treatment of Status Epilepticus and Prolonged Seizures
Professor Dan Lowenstein, San Francisco, USA
- 16.00 Treatment Guidelines in Status Epilepticus
Dr Reetta Kälviäinen, Kuopio, Finland
- 16.30 Discussion
*Dr Elizabeth Waterhouse, Richmond, USA
Professor Ley Sander, London, UK
Dr Çigdem Ozkara, Istanbul, Turkey
Dr Annamaria Vezzani, Milan, Italy
Dr Federico Vigevano, Roma, Italy
Dr Martin Holtkamp, Berlin, Germany*
- 18:30 Evening Session with refreshments – Participants' Case Presentations and Discussion

20.00 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 of European Affairs for adoption and dissemination.

The workshop will be open to all European clinical delegates to 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, currently underway, 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 nonconvulsive 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