

CONFERENCE BOOK

Stroke Conference

NEW FRONTIERS IN STROKE: MULTI-DISCIPLINARY ADVANCES ACROSS THE STROKE PATHWAY

10th June 2011
Congress Centre
London, United Kingdom

Endorsed by:



Organised by:



Welcome by the Chair



Professor Didier Leys Conference Chair

*Professor of Neurology and Head of
the Neurological Department, Lille
University Hospital
President, European Stroke
Organisation*

Dear Colleagues,

I am delighted to invite you to attend this exciting new conference in London. Assembling some of the leading figures in stroke care from the UK and beyond, this important event delivers a summary of the very latest advances in stroke treatment and care.

Stroke care is a fascinating area in which to work currently, with new therapies, interventions and care services transforming outcomes for patients. This conference will provide delegates with an essential update on all the key developments, across the whole stroke pathway.

It will also provide a valuable opportunity to come together and network, not only with peers, but also importantly with clinical professions from the broad selection of disciplines working in stroke. I very much hope that you will be able to join me, and the eminent selection of speakers that we have gathered together. I look forward to seeing you in London in June.

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1. Programme

- 08.30 Registration and refreshments
- 09.00 **Chairman's opening address**
- 09.10 **Delivering implementation of hyper-acute stroke units (HASUs)**
Professor Anthony Rudd
 Professor of Stroke Medicine, Kings College London, Consultant Stroke Physician, Guy's and St Thomas's Hospitals NHS, Foundation Trust, Clinical Director, Stroke London and Chair - Intercollegiate Stroke Working Party, Royal College of Physicians
- 09.40 **New frontiers in neuro-imaging**
Professor Iris Grunwald
 Professor of Radiology and Neuroradiology, Director for Neurovascular -Acute Vascular Imaging Centre & Lead of the Translational Stroke Project within the Biomedical Research Centre, University of Oxford
- 10.10 **Extending the windows of effective stroke thrombolysis**
Professor Keith Muir
 SINAPSE Professor of Clinical Imaging & Consultant Neurologist, Institute of Neurosciences & Psychology, University of Glasgow
- 10.40 **Panel discussion**
- 11.00 Coffee & networking
- 11.30 **Pushing boundaries in neuro-regeneration**
Professor Lalit Kalra
 Professor of Stroke Medicine, Kings College Hospital NHS Foundation Trust
- 12.00 **Atrial Fibrillation**
Dr. Adam Paul Fitzpatrick
 Consultant Cardiologist, Manchester Heart Centre
- 12.30 **Panel discussion**
- 12.50 Lunch
- 13.50 **Safely delivering maximal benefit from carotid endarterectomy during the critical early period after a TIA or minor stroke**
Professor Ross Naylor
 Honorary Professor of Vascular Surgery & Consultant Vascular Surgeon, University of Hospitals of Leicester NHS Trust
- 14.20 **Delivering early supported discharge in stroke**
Rebecca Fisher
 CLAHRC Stroke Rehabilitation Fellow, The University of Nottingham
- 14.50 **Panel discussion**
- 15.10 Coffee & networking
- 15.40 **Meeting the unmet need for long term care in stroke**
Dr Christopher McKeivitt
 Division of Health and Social Care Research, Kings College London
- 15.40 **The UK Stroke Forum and the SSEF: signposting the way to workforce development**
Professor Caroline Watkins
 Professor of Stroke & Older People's Care, Academic Lead and Chair of UK Forum for Stroke Training
- 16.30 **Panel discussion**
- 16.50 **Chair's closing remarks**

2. Speakers & topics



Professor Tony Rudd has been a consultant at St Thomas' Hospital in London since 1988. Since 1995 he has chaired the Intercollegiate Stroke Working Party based at the Royal College of Physicians in London, which has been responsible for developing the National Clinical Guidelines for Stroke and running the National Sentinel Audit programme. He chaired the NICE Guidelines Development Group for Acute Stroke and TIA and the NICE Stroke Quality Standards Group. He is a past president of the British Association of Stroke Physicians and was a member of the group that developed the English National Stroke Strategy. He chairs the Stroke Association Research Strategy Committee and is one of their trustees. He was appointed as the Clinical Director for Stroke in London in 2009 and has published over 160 research papers and four books on stroke.

Professor Anthony Rudd

*Professor of Stroke Medicine,
Kings College London
Consultant Stroke Physician,
Guy's and St Thomas's Hospitals
NHS Foundation Trust
Clinical Director, Stroke London
and Chair - Intercollegiate Stroke
Working Party*

Delivering implementation of hyper-acute stroke units (HASUs)

- Reviewing the UK experience of hyper-acute unit implementation to date
- Exploring the different models of hyper-acute stroke unit used in each region
- Examining the improvements that implementation enabled
- Involving local stakeholders in the development of HASUs



Professor Iris Q. Grunwald

Professor of Neuroradiology at Saarland University, Germany, Apl. Consultant Radiologist and Neuroradiologist Oxford Radcliffe Hospitals NHS Trust and Lead of the Translational Stroke Project within the Biomedical Research Centre, University of Oxford.

Prof. Iris Grunwald studied Medicine in Germany and did her residency training in Neurology and Radiology at the Saarland University, where she became Co-director. She obtained her PhD in Radiology and Neuroradiology and a Master in Health Economics and Hospital Management. Dr. Grunwald has published more than 70 peer reviewed papers and several book chapters, mainly in the field of neurointervention. She has specific expertise in procedures such as intracerebral intra-arterial fibrinolysis and thrombectomy for emergency stroke therapy and intracranial angioplasty and stenting. Dr. Grunwald has an international reputation in implementing acute stroke interventions and has been involved with research projects related to building and enabling acute stroke interventions regionally within the Saarland, nationally within Germany as well as internationally as European Principal Investigator in international clinical trials related to revascularisation in acute stroke. In addition she has conducted several lecture tours to leading US clinical stroke centres on the subjects of acute stroke intervention and management. In 2009 she transferred her practice to the UK, Oxford University, to build up a stroke service within the Acute Vascular Imaging Centre in Oxford from where she leads several international trials.

New frontiers in Neuro-imaging

- Making the most of the advanced imaging technology currently available to improve outcomes for stroke patients
- Exploring the use of CT perfusion scanning for stroke
- Overcoming the challenges of enabling acute access to MRI in stroke
- Examining the current evidence for angiography
- Understanding the applications of imaging to regenerative and restorative approaches in stroke rehabilitation



Professor Keith Muir

*SINAPSE Professor of Clinical Imaging
& Consultant Neurologist Institute of
Neurosciences & Psychology
University of Glasgow*

Extending the windows of effective stroke

- Exploring the outcomes findings from the SITS database
- Examining the emerging evidence around stroke thrombolysis for elderly patients
- Extending the time windows of effective thrombolysis
- Stroke thrombolysis practice outside of the UK
- Delivering intra-arterial thrombolysis

I lead the stroke services at King's College Hospital, London, UK, a tertiary stroke centre offering comprehensive care. The Comprehensive Stroke Centre provides emergency, acute and rehabilitation care for all vascular insults (TIAs, ischaemic stroke, haemorrhagic stroke, sub-arachnoid haemorrhages) as well as an academic base for high quality interdisciplinary research in stroke. The service underpinned by 24 hour availability of stroke consultants, perfusion imaging, neurosurgery and neurointensive care admits over 700 acute stroke patients per year of whom more than 25% are thrombolysed. We undertake intra-arterial thrombolysis and stenting and provide a region wide service of decompressive surgery for malignant strokes, evacuation procedures for ICH and intracranial monitoring.

Professor Lalit Kalra

Professor of Stroke Medicine

*Kings College Hospital London, NHS
Foundation Trust*

Stroke-related research involves a range of projects in clinical management of acute stroke and evaluation of the effectiveness of stroke care delivery systems in acute care and rehabilitation. Our research on the benefits of stroke unit care has been used in developing national policies such as the National Service Framework for Stroke and Royal College of Physicians guidelines for stroke care. Research on early management of stroke and impediments to thrombolysis has contributed towards guidelines for early stroke management and provided the evidence base for policy documents such as Integrating Thrombolysis into NHS Acute Stroke Services and Reducing Brain Damage: Faster Access to better Stroke Care. Research on anticoagulation in atrial fibrillation (BMJ 2000, Stroke 2001, Arch Int. Med 2001) has influenced national and international policies on anticoagulation.

Pushing boundaries in neuro-regeneration

- Exploring the latest advances in neurorestorative treatments after stroke
- Stem cell therapies as an emerging paradigm in stroke
- Examining developments in pharmacological approaches to neuro-regeneration



**Dr. Adam Paul
Fitzpatrick**

*Consultant Cardiologist
Manchester Heart Centre*

Hospital and Trust activities

Tertiary and supra-Regional care of cardiac arrhythmias. Ablation, ICDs, a Blackouts Service in close cooperation with local neurologists. Regular AF Ablation. Training Fellowship. 5 interventional sessions, 3 clinics. New blackouts services for patients in Central Manchester and Salford.

Other contributions to the NHS

Co-Chair of the DoH National Pacing and ICD Taskforce. Heart Rhythm UK Training Officer. Member of the SAC in Cardiology, and editor of the subspecialty curriculum in Heart Rhythm Training. I am Patron of the Syncope Trust, and Chairman of their multidisciplinary Medical Advisory Committee, (www.stars.org.uk). I am Founder Trustee of the Arrhythmia Alliance, and Medical Director, (www.arrythmiaalliance.org.uk)

Clinical Excellence Award

National: Bronze (2009)

Atrial Fibrillation



Professor Ross Naylor

*Honorary Professor of Vascular Surgery & Consultant Vascular Surgeon
University of Hospitals of Leicester
NHS Trust*

Graduated MBChB (1981) and underwent surgical training in Aberdeen, Edinburgh and Leicester. Appointed Consultant Vascular Surgeon in 1993, Reader in 2001 and Professor of Vascular Surgery in 2003. Research interests include; monitoring & quality control during carotid surgery, antiplatelet and antithrombotic regimens for preventing post-operative thrombosis and mediators of acute change in carotid plaque morphology. The author of 290 papers and book chapters on cerebral vascular disease, Ross has served on the Editorial Boards of the British Journal of Surgery, the Journal of Vascular Surgery and the European Journal of Vascular & Endovascular Surgery. He is currently Senior Editor of the European Journal of Vascular and Endovascular Surgery and President Elect of the Vascular Society of Great Britain & Ireland.

Safely delivering maximal benefit from carotid endarterectomy during the critical early period after a TIA or minor stroke

- Improving recognition of TIA in primary care and developing pathways to enable rapid referral to specialist services
- Exploring the current clinical evidence for best practice in vascular surgery post TIA
- Changing surgical practice to enable rapid intervention following a TIA



Dr. Rebecca Fisher
*CLAHRC Stroke Rehabilitation
Fellow
The University of Nottingham*

Dr Rebecca Fisher has both academic and corporate research experience. Having been awarded a First class Neuroscience BSc degree from the University of Nottingham, Rebecca carried out PhD and post doctoral research at the Institute of Neurology, University College London. Focusing on the neurophysiology of movement disorders, Rebecca developed interests in upper limb problems experienced by stroke survivors. Rebecca then spent 3 years working in Industry investigating the neuropsychology of consumer behaviour and perception for Unilever R&D. She became increasingly passionate about the translation of scientific principles and understanding into real-world applications. Rebecca is currently working on an NIHR funded CLAHRC stroke rehabilitation study, the crux of which is the translation of research findings into clinical practice. Together with Professor Marion Walker, Rebecca is leading a study about the successful implementation of stroke Early Supported Discharge services.

Delivering early supported discharge in stroke

- Examining the outcomes evidence for delivering early assisted discharge (ESD)
- Developing clear guidance on what constitutes ESD and working to standardise the levels of rehabilitation available to patients
- Understanding the workforce required to deliver effective ESD
- Exploring the cost savings that can be achieved through ESD in stroke

**Dr Christopher
McKevitt**

*Division of Health and Social Care
Research
Kings College London*

Meeting the unmet need for long term care in stroke

- Evidence of long term outcomes
- Risk of recurrence and effectiveness of strategies to reduce risk
- Reported long term needs of stroke survivors
- Policy and interventions to meet unmet long term needs



Professor Caroline Watkins

*Professor of Stroke & Older People's Care
Academic Lead and Chair of UK Forum for Stroke Training*

Professor Caroline Watkins leads a multidisciplinary team of researchers with a large portfolio of patient-centred applied health research. She is a Senior Investigator with the National Institute for Health Research (NIHR). She contributes significantly to stroke service development, at a local and national level, through the North West (NW) Stroke Alliance, and leads (with Dr Bernard Gibbon) the Stroke Theme for the Health, Innovation and Education Cluster in Lancashire and Cumbria. She has been advisor to the Department of Health on the implementation of the National Stroke Strategy and the development of the UK Forum for Stroke Training. She is as Academic Lead and Chair of UK Forum for Stroke Training, part of the UK Stroke Forum. She is on: the Steering Group of the NW Local Stroke Research Network (SRN), the Stroke Association Research Awards Committee, Past President of the Society for Research in Rehabilitation, the SRN Training Group. She is also an active member of the National Stroke Nursing Forum (NSNF) and represents the NSNF on the Scientific Committee for the UK Stroke Forum.

The UK Stroke Forum and the SSEF: signposting the way to workforce development

- The NHS must continue to improve the quality of care despite the pressure to drive down costs; workforce development is fundamental.
- Health care staff must have access to post-registration training and education, which is high quality and fit for purpose, and so represents a cost-effective use of staff time.
- Recent developments initiated by the stroke community may allow NHS training to validate its fitness for purpose, and HEI courses to demonstrate clinical credibility; increasing the likelihood of purchase by the NHS.
- A Stroke-Specific Educational Framework (SSEF) has been developed as a first step in allowing standardisation of education and training. The SSEF will guide NHS, higher education staff (and other training providers) in the development of suitable learning programmes.
- The UK Forum for Stroke Training, part of the UK Stroke Forum, with multidisciplinary and public representation from all UK nations, will promote and support stroke workforce development using the SSEF.
- This talk will outline the issues, progress thus far, and future steps that will benefit workforce development, and that will ensure not only improvements in the clinical care for those with stroke, and those affected by stroke, but will also improve outcomes.

3. Reflective Practice Record

Please write your own reflections on the conference as a whole or on one particular presentation, workshop or discussions with colleagues. This can then be kept in your reflective practice portfolio.

1. What have I learned from this learning activity that maintains or developed my professional knowledge and competence?

2. What was the key learning point for me from this learning activity and how will I apply it to my work?

3. What do I know or can I do now that I could not do before attending this learning activity?

4. What can I apply immediately to my own practice and client care?

5. Is there anything that has come out from my attendance at this learning activity which needs to be discussed with others in order to change systems for the better?

6. Was there something that I would like to learn more about or clarify and how might I go about this?

7. Has attendance at this learning activity flagged up further learning needs for me? If so what ideas have I got for meeting those needs?

4. This conference is supported by:



UK Forum for Stroke Training
<http://www.ukfst.org>



The Society of Research in Rehabilitation
<http://www.srr.org.uk>



The Vascular Society at the Royal College of Surgeons of England
<http://www.vascularsociety.org.uk>

Upcoming conferences:



1st Gynecological Surgery Conference 2011

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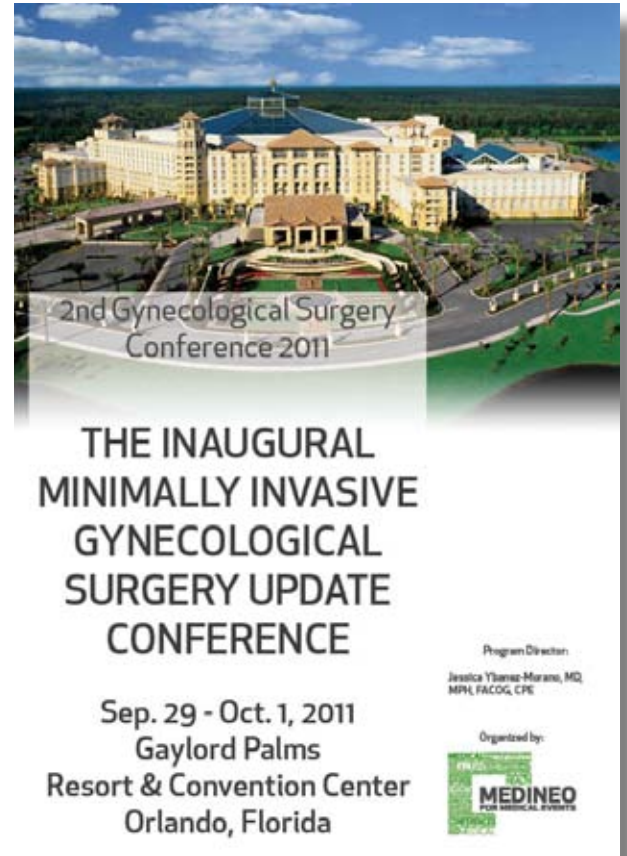
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2nd Gynecological Surgery Conference 2011

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Program Director:
Jessica Ybanez-Morano, MD,
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