The Southwestern Ontario Stroke Network and London Health Sciences Centre present:

Regional Stroke Rounds

Thrombolysis in Acute Ischaemic Stroke Beyond 3 Hours and Age 80

Wednesday, October 14, 2015 0800-0900

Presented by: Professor Joanna Wardlaw, Edinburgh University

As Chief Investigator for Neuroradiology in the Third International Stroke (IST-3) Collaborative Group, Professor Wardlaw has extensive research expertise in intravenous thrombolysis outside the initial age and time limits labeled in the first approval of rt-PA.

Presentation Objectives:
- To discuss evidence for efficacy of intravenous thrombolysis for acute ischemic stroke in the 3-4.5 hour window and in the very elderly.
- To discuss concerns about utilization of intravenous thrombolysis in the 3-4.5 hour window and the very elderly in Emergency Departments and Stroke Centres in the Southwestern Ontario region and across the Province.

Target Audience:
- Physicians and other health care professionals with interest in acute stroke care.

In-Person Viewing:
- Room A7-211 - University Hospital, London Health Sciences Centre.

Video-conference Registration Details:
- Event ID# 47029679
- URL: https://schedule.otn.ca/otnportal/nonclinical/details.do?request.requestId=47029679
- HOST SYSTEM: LHSC - University Hospital, LON_LHSC_0383_UH_08
- Contact your OTN Telehealth Coordinator to reserve your system.
- This presentation will also be available via live and archived webcast.

This educational lecture is made possible with the support of the Heart and Stroke Foundation (HSF) as part of the HSF H.J.M. Barnett Lectureship and Visiting Professorship.
Joanna Wardlaw's major interests are the pathophysiology, prevention and treatment of brain vascular disease, which she has researched since the 1990s using brain imaging, epidemiology, detailed observational mechanistic studies and in large multi-centre randomized clinical trials. Her first trial of thrombolysis in acute ischemic stroke was testing intra-arterial thrombolysis in 1990-92; her most recent was the 3000+ patient Third International Stroke Trial (IST-3); throughout this time she has also maintained the Cochrane Review of Thrombolysis in Acute Ischemic Stroke.

Her more recent interest has been cerebral small vessel disease (SVD). She has researched mechanisms demonstrating that the blood-brain barrier has an important pathogenic role in SVD, studied clinical and imaging presentations, established standards for assessment of imaging in SVD and has a worldwide network of research collaborators including Canadian centers through the Joint Program for Neurodegenerative Diseases research (JPND). She leads the Dementia Platform UK Vascular Experimental Medicine Theme which includes large imaging and clinical collaborative networks, cerebrovascular biology and assessments using imaging and in multicentre clinical trials. She is now starting trials of interventions to prevent progression of the clinical and cognitive consequences of SVD (LACI-1, LACI-2).

She established and has directed the University’s Brain Research Imaging Centre since the late 1990s. She secured funding for substantial additional infrastructure for neuroimaging research for the national Scottish Imaging Network, A Platform for Scientific Excellence in 2008 (www.sinapse.ac.uk), and subsequent imaging infrastructure developments for clinical research in Edinburgh. She established distributed teaching materials for Neuroimaging for Research (http://www.ed.ac.uk/schools-departments/clinical-sciences/edinburgh-imaging/imaging-programmes).

She has published over 400 peer reviewed original publications. She has received, amongst others, the University of Edinburgh Chancellor’s Award for Excellence in Research (2008) and the British Society of Neuroradiologists President’s Medal for Lifetime Achievement in Neuroradiology (2008). She is a Fellow of the Academy of Medical Sciences, a Fellow of the European Stroke Organization (2008) and Fellow of the Royal Society of Edinburgh (2011).

If you have any questions please contact:
Jennifer Beal, Regional Education Coordinator, Southwestern Ontario Stroke Network, (519) 685-8500 ext. 34899 or jennifer.beal@lhsc.on.ca