

BSNR October 7-8th 2005

Scientific Programme

Friday 7th October

0900-0910
Introduction & Welcome
Dr Robin Sellar

SESSION 1 **Spine/ENT**
Chairmen David Summers / Andy Clifton

0910-0920
Preliminary outcomes and efficacy of percutaneous balloon kyphoplasty in the treatment of painful vertebral compression fractures
H Hyare, S Joshi, S Pushpanathan, C Thakkar, H Ellamushi, J Yeh, F Afshar

0920-0930
3D Rotational Myelography– Can we now dispense with Post-myelographic CT
Wattam J.M., Romanowski C. A. J., Radatz M., Babic D

0930-0940
Level of termination of the conus medullaris and thecal sac
Demaerel Ph, Soleiman J, Rocher S, Maes F, Wilms G

0940-0950
The bony cochlear nerve canal in children with hypoplastic vestibulocochlear nerves
Li W Y, Gunny RS, Pagarkar W, Saunders DE, Rajput K

0950-1000
Review of MR imaging and its role in the surgical management of Trigeminal Neuralgia at tertiary care referral centre
Siddiqui MA, Jarosz JM

1000-1030
Invited Lecture: VERTEBROPLASTY
Jacques Dion (Atlanta, USA)

1030-1050 Coffee break

SESSION 2 **MRI /CT**
Chairmen Paul Griffiths / John Straiton

1050-1100
Comparison of CT and MR perfusion imaging of cerebral tumours
Hoggard N, Patankar T, Haroon H, Al-Rammah T, Jackson A

1100-1110
Increasing tumour perfusion measured by MRI predicts malignant transformation in low-grade gliomas
Waldman AD, Danchaivijtr N, Tozer D, Benton C, Tofts PS, Rees JH, Jager HR

1110-1120
Do Cerebral Blood Volume and Contrast Transfer Coefficient predict prognosis in human glioma?
Mills SJ et al

1120-1130
Apparent Diffusion Coefficient Histogram Maps may predict Low Grade Glioma Subtype
Tozer D, Danchaivijtr N, Benton C, Jager HR, Tofts PS, Rees JH, Waldman AD

1130-1140
Gadolinium-chelates and human serum albumen
Wilkinson ID, Giesel FL, von Tengg-Kobligk H, Kauczor HU, Essig M, Griffiths PD

1140-1150

Use of Perfusion Maps in CT as a Practical Diagnostic Tool- Early Experience

Sadiq S, Halpin S

1150-1200

The application of CT Venography in patients with possible idiopathic intracranial hypertension

Kalogeropoulou et al

Invited lectures- Imaging showcase – the state of the art part 1

1200-1220

Early clinical experience with Dyna CT

Michel Mawad (Houston)

1220-1240

“White Matter lesions”

Tarak Yousry

1240-1300

“Paediatric Neuroimaging- the state of the art”

Jill Hunter (Houston)

1300-1400

Lunch (separate lunch for SpRs)

SESSION 3

Intervention

Chairmen

Chris Rowland-Hill / Norman McConachie

1400-1410

Long term follow-up results of CAVATAS: long term outcome of carotid angioplasty or stenting versus endarterectomy

Clifton A on behalf of the CAVATAS investigators

1410-1420

ICSS Trial: data on recruitment in the trial and other international trials; data on technological advances in carotid stenting

Clifton A on behalf of the CAVATAS investigators

1420-1430

Is treatment of poor-grade aneurysmal subarachnoid hemorrhage patients justified?

Pickett GE, Laitt RD, Protheroe R

1430-1440

Endovascular treatment of Middle Cerebral Artery aneurysms: a single institutional experience of 166 patients over 11 years

Macmullen-Price JA, White PM, Sellar RJ, Horribine L

1440-1450

Experiences with Matrix Coils with up to 2 years follow up.

Nahser HC, Niven S, Isalberti M, White D, Javadpour M, Foy P

1450-1520

Invited Lecture: Management of Spinal vascular anomalies: an overview

Karl Ter Brugge (Toronto)

1520-1550

Coffee Break

Session 4

MRI

Chairmen

Adam Waldman / Rod Gibson

1550-1600

A 3T MRI study of brain iron deposition in Parkinson's Disease using PRIME

Wallis LI, Grunewald RA, Griffiths PD, Paley MNJ

1600-1610

Progressive Multifocal Leukoencephalopathy: value of diffusion-weighted and contrast enhanced MRI for diagnosis and treatment control

Kuker W et al

1610-1620

Pharmacologic fMRI: On the physiologic basis and confounds of drug induced BOLD and non BOLD signal changes

Auer DP

1620-1630

3D 3T MRI in Multiple Sclerosis

Mills RJ, Smith ET, Young CA

1630-1640

High resolution 3T MR imaging of hippocampal substructure

Elnaas S, Forbes KP, Bhattacharya JJ, Hadley DM, Santosh C

1640-1650

PROPELLER MR offers benefits for routine brain imaging at 3T

Forbes KP, Santosh C, Hadley DM

Invited lectures- Imaging showcase – the state of the art part 2

1650-1720

MRI state of the art review

Donald Hadley

1720-1800

Discussion Forum on Neuroradiology training

led by Robin Sellar, Maggie Hourihan, James Steers

Close

Saturday 8th October

SESSION 5 Paediatrics & Miscellaneous

Chairmen Roger Laitt / Neil Stoodley

0900-0910

Antenatal MRI in the assessment of vein of Galen malformations

Stenhouse E, Beattie L, Butler S, Gibson J, Turner T, Bhattacharya JJ

0910-0920

Cervical arterial pathology in children with acute ischaemic stroke

Gunny RS, Cox T, Ganesan V

0920-0930

Post-operative imaging of paediatric brain tumours. Should the protocol be changed?

Becker J, Auer D, Jaspan T

0930-0940

Neonatal MR – 0.2T or 1.5T

Connolly DJA, Whitby EH, Paley MN, Griffiths PD

0940-0950

Audit of neuroradiology second opinions

Flynn PA, Briggs GM, Worthington M, Rennie I, McKinstry CS

0950-1000

e-Learning & e-CPD support in Neuroradiology for trainee general radiologists, trainee and established Neuroradiologists – update on two linked initiatives

Wardlaw JM, Farrall AJ, White PM, Summers D, Sellar RJ, Gibson R, Hourihan M

1000-1030

Invited Lecture: Non Accidental Injury

Neil Stoodley

1030-1100

Coffee break

SESSION 6 Interventional & Vascular Imaging

Chairmen Sarah Jenkins / Robin Sellar

1100-1110

Abciximab (ReoPro) for thromboembolic complications of intracerebral aneurysm coiling

Limdi SJ, Patankar TF, Herwadkar AV, Laitt RD, Hughes DG

1110-1120

Susceptibility artefacts on MRA following endovascular coiling of cerebral aneurysms: hidden dangers?

Zampakis P, Keanie J, Condon B, Bhattacharya JJ, Jenkins S

1120-1130

Experiences with Onyx in Treatment of AVMs with fistulous components

Nahser HC, Niven S, Isalberti M, White D, Eldridge P, Shaw D

1130-1140

Carotid Cavernous Fistula Classification and Endovascular Treatment

Sawhani V

1140-1150

Retrospective audit of complication rates of cerebral angiography in Sheffield

Dawkins AA, Evans AL, Connolly DJA, Romanowski CAJ, Coley SC, Hodgson TJ

1150-1200

Accurate, practical & cost-effective assessment of carotid stenosis in the UK

Joanna M Wardlaw, and colleagues from the Health Technology Assessment Panel Carotid Stenosis Imaging Project

1200-1300

The James Bull Lecture:

Sir Peter Mansfield

1300-1400

Lunch

SESSION 7 Stroke/Vascular imaging

Chairmen Joanna Wardlaw / Jonathan Gillard

1400-1410

D-dimer measurement in cases of suspected intracranial dural sinus thrombosis

Sokhi DS, Doss A, van Beek EJR, Price SE, Kitchen S, Griffiths PD

1410-1420

Does serial diffusion weighted MR imaging help identify asymptomatic recurrent ischaemic lesions in recent TIA or minor ischaemic stroke?

Padmanabhan R, Corkhill RA, Quaghebeur G, Mazzucco S, Schulz UGR, Rothwell PM

1420-1430

Measurement of brain temperature with MR spectroscopy in patients with acute ischaemic stroke – temperature is highest in “penumbral” tissue

Wardlaw JM, Karaszewski B, Marshall I et al

1430-1440

Finite element analysis based on MR plaque geometry of carotid stenosis predicts inflammatory burden: a study comparing symptomatic and asymptomatic individuals

Howarth SPS, Li Z, U-King-Im J, Graves M, Antoun N, Kirkpatrick P, Gillard JH

1440-1450

Posterior reversible encephalopathy syndrome

Sadiq S, Williams M, Liu A, Halpin S, Hourihan M

1450-1500

Analysis of Haemodynamic Disturbance in the Atherosclerotic Carotid Artery using Computational Fluid Dynamics

Birchall D, Zaman A, Hacker J, Davies G, Mendelow D

1500-1530

Invited Lecture: Stroke imaging

Rudiger von Kummer (Dresden)

1530-1600

Coffee

1600-1700

AGM of BSNR - members only (parallel SpRs group meeting)

Close

Electronic Posters

Running in parallel to the scientific programme the Melville suite contains electronic "poster" presentations of teaching cases, pictorial reviews & other peer reviewed scientific exhibits. We encourage all conference attendees, but particularly SpRs to spend a couple of hours reviewing these over the duration of the meeting

Venous drainage patterns in vein of Galen malformations: demonstration by 3D angiography

Bhattacharya JJ, Alvarez H, Lasjaunias P

The anatomy and pathology of horizontal eye movements: A pictorial review

Sheerin F, Collison K, Quaghebeur G

A pictorial review of challenging cortical lesions

Sadiq S, Hourihan MD, Halpin S

Self expanding intracranial stents as an adjunct to aneurysm coiling

Ritchie G, White PM

The Anterior Choroidal Artery: a developmental odyssey

Hunter A, Zampakis P, Jenkins S, Bhattacharya JJ

Low Signal Intracranial Lesions on T1 & T2-weighted MRI- a Pictorial Review

Farrall AJ, Sellar R

Radiology of cochlear implantation

Shah J, Misra R

Different faces of Moya-Moya

Al-Mulla NA, Kamel HAM

The corpus callosum in patients with Neurofibromatosis type 1: Combining DTI and volumetrics

Wignall EL, Wilkinson ID, Darwent G, Griffiths PD

Cerebral perfusion abnormalities in children with Sturge-Weber syndrome shown by dynamic contrast bolus MR perfusion imaging

Evans AL, Widjaja E, Connolly DJAC, Griffiths PD

First familial case of Lhermitte-Duclos disease affecting father and son: Assessment with MR Imaging, CT, and MR Spectroscopy

Munusamy S, Gunawardena WJ, Coutinho CMA

Magnetic resonance of the non sedated neonate using ultrafast imaging techniques – technique, success rate and pitfalls

Whitby EH, Connolly DJAC, Griffiths PD

Treatment implications of cerebral venous recanalisation after thrombosis

Zampakis P, Kalogeropoulou C, Walker L, Razvi S, Teasdale E

Risk stratification of patients with carotid atheroma using in vivo high resolution MRI and finite element analysis

Li Z, Howarth S, U-King-Im J, Antoun N, Graves MJ, Gillard JH

Perfusion CT after neurosurgical aneurysm clipping

Jadun CK, Kraus A, Dias L

MR Spectroscopy of the corpus callosum in healthy controls: detecting microstructural differences along the mid-sagittal length

Wignall EL, Wilkinson ID, Greenwood P, Griffiths PD

Utility of contrast enhanced MRA in the surveillance of coiled cerebral aneurysms

Macmullen-Price JA, Farrall AJ, Keston P, Summers DM, White PM

Non-infective and Non-neoplastic CNS manifestations of HIV

F Jabeen, Dr S Munusamy, Dr I W Turnbull

Experiences with Neuroform stents with up to 2 years follow-up

Isalberti M, Niven S, White D, Javadpour M, Foy P, Nahser HC

Continuous arterial spin labelling (CASL) perfusion imaging at 3 Tesla of the cerebral cortex in multiple sclerosis: Is there evidence for diaschisis related cortical hypoperfusion?

Dineen RA, Delay GS, Morgan PS, Constantinescu C, Auer DP

A population based study of delays in carotid imaging and endarterectomy after TIA and stroke and the risk of otherwise preventable early recurrent stroke

Padmanabhan R, Corkhill RA, Quaghebeur G, Fairhead J, Mehta Z, Rothwell PM