

**ANNUAL MEETING OF THE BRITISH SOCIETY OF  
NEURORADIOLOGISTS  
13 – 14 OCTOBER, RAMADA JARVIS HOTEL  
KINGSTON UPON HULL**

**Thursday 12<sup>th</sup> October**

Meet at lobby, Willerby Manor at 7.00 pm and Ramada Jarvis at 7.30 pm  
Dinner at Lazaat, Pan-Asian restaurant at 8 pm, limited to 60

**Friday 13<sup>th</sup> October**

0800-0900 - registration and coffee

0900-0910 – welcome and introduction

0910-1040 - scientific session 1  
(Accompanying persons programme, trip to Beverley)

1040-1110 - coffee break

1110-1230 - scientific session 2

1230-1330 - lunch (BSNR committee meeting, with lunch)

1330-1500 - scientific session 3

1500-1530 - coffee break

1530-1700 - scientific session 4

1700-1800 - debate

From 1845 - Bus to the '**Deep**'

- Drinks and canapés

- Dinner approx at 2045

## **Saturday 14<sup>th</sup> October**

0900–1030 - scientific session 5  
(Accompanying persons programme, trip to Hull)

1030–1100 - coffee break

1100–1230 - scientific session 6  
(James Bull lecture, Ivan Moseley)

1230–1330 - lunch (juniors meeting with lunch)

1330–1500 - scientific session 7

1500–1530 - coffee break

1530–1700 - scientific session 8

1700–1800 - Annual general meeting

1845 -bus to **'Guild Hall'**

1930 -drinks

2000 -dinner

## **INVITED SPEAKERS**

Roy Weller

Adam Waldman

Alan Jackson

Istvan Szikora

Shawn Halpin

Tom Hughes

Ivan Moseley: James Bull Lecturer

Paul Griffiths

Graeme Bydder

Philip Anslow

**BSNR ANNUAL MEETING  
13 – 14 OCTOBER 2006, KINGSTON UPON HULL**

**SCIENTIFIC PROGRAMME**

**Friday 13<sup>th</sup> October**

0800-0900

**Registration and coffee**

0900-0910

**Introduction and welcome**

Richard Bartlett and Chris Rowland-Hill

**Session 1: Paediatrics**

**Chair: Juliet Britton, AN Other**

0910-0940

**Invited lecture: Imaging kids with epilepsy: Why, when and how?**

Paul Griffiths

0940-0950

**Paediatric intracranial and spinal venous hypertension. A pictorial review and implications for treatment.**

Sellar R, Gholkar A.

0950-1000

**Magnetic Resonance Spectroscopy Changes Following Haemopoietic Stem Cell Transplantation in Children with Cerebral Adrenoleukodystrophy**

Warren D J, Connolly D, Sharrard M J, Wilkinson I D, Griffiths P D.

1000-1010

**The spectrum of spinal dysraphism in children with urogenital abnormalities.**

Saunders D, Sethi H, Cox T, Thompson D.

1010-1040

**Invited lecture: Does shaken baby syndrome exist?**

Phillip Anslow

1040-1110

**Coffee break**

**Session 2: Tumour imaging**  
**Chair: Alan Jackson, Richard Bartlett**

1110-1140

**Invited lecture: Tumour imaging – recent developments**  
**Alan Jackson**

1140-1150

**Longitudinal study of the intratumoural distribution of ADC values in cerebral gliomas**

Caseiras G Brasil, Tozer DJ, Danhaivijitr N, Benton C, Tofts PS, Yousry T, Rees JH, Waldman AD and Jäger HR.

1150-1200

**Perfusion Imaging in Practice: An audit of perfusion imaging to grade cerebral gliomas.**

Becker J, Jaspan T, Auer D

1200-1210

**Geographical distribution of contrast enhancement, raised rCBV and low ADC values within high grade gliomas**

Caseiras G Brasil, Danhaivijitr N, Tozer DJ, Benton C, Yousry TA, Tofts PS, Rees JH, Waldman AD and Jäger HR.

1210-1220

**Intramedullary Tumours in Patients with Neurofibromatosis 2: Ependymomas or not?**

Rennie ATM, Side L, Kerr RSC, Anslow P, Pretorius P

1220-1230

**Differential Patterns of Response to Radiotherapy with Combination and Adjuvant Chemotherapy in High-Grade Gliomas**

Adams ME, Brock C, Patel MC, Glazer M, Newlands E, Waldman AD

1230-1330

**Lunch**

**BSNR committee meeting**

### **Session 3: Intervention 1**

**Chair: Anil Gholkar, Paul Maliakal**

1330-1400

**Invited lecture: Intra and peri-aneurysmal flow and its effect on advanced endovascular treatment**

Istvan Szikora

1400-1410

**Fibre and filament: preliminary Experience of EV3 Fibre and bioactive Nexus Coils in the treatment of cerebral aneurysms**

Bhattacharya JJ, Dissanakake H, Jampana R, Zampakis P, Jenkins S

1410-1420

**Dyna CT; the technique, radiation dosimetry, indications and efficacy**

Sellar RJ, White PM, Keaston P, McKinley L, Innes B

1420-1430

**Endovascular coil embolisation of ruptured intracranial aneurysms – ten years of experience in a single centre**

Bradley M, Benes V, Molyneux A, Renowden S.

1430-1440

**Outcome of clipping following ISAT – a regional evaluation**

Morris Z, Gholkar A, Birchall D, Jayakrishnan V, Mitra D, Jenkins A, Mendelow D

1440-1450

**Computational fluid dynamics (CFD) study simulating the coiling of an anatomically accurate cerebral aneurysm**

Mitsos AP, Kakalis N, Ventikos Y, Fiehler J, Byrne JV

1450-1500

**Effect of partial embolisation on the haemodynamic balance of brain arteriovenous malformations (BAVMs)**

Fiehler J, Summers P, Mitsos A, Colominas C, Byrne J V

1500-1530

**Coffee Break**

**Session 4: Miscellaneous**  
**Chair: Roger Laitt, AN Other**

1530-1600

**Invited lecture: Ultra short TE imaging**  
**Graeme Bydder**

1600-1610\_

**Comparison of time of flight MRA and contrast-enhanced MRA with digital subtraction angiography in the follow-up of coiled intracranial aneurysms: Initial experience.**

Butteriss D, Mitra D

1610-1620

**fMRI comparison of separate and combined tasks (hand movement and overt speech): does their combination facilitate motor execution?**

Mancini L, Pinto S, Brehmer R, Thornton J, Jahanshahi M,  
Limousin-Dowsey P, Yousry T

1620-1630

**Preoperative Transarterial Embolization of Choroid Plexus Tumours in Children is Safe and Effective in Reducing Intraoperative Blood Loss**

Robertson, F J, Gatscher S, Brew, S K.

1630-1640

**HELPS Trial: an Update on Progress**

P M White on behalf of the HELPS trialists

1640-1650

**Intraoperative ultrasound and its guided interventions in neurosurgery-our experience from an increasing 09 case series**

Jadun CK, Summerfield R, Dias L

1650-1700

**Rapid High volume CT cerebral angiography**

Macmullen-Price J, Keston P

1700-1800

**Debate: Diagnostic neuroradiology should be the preserve of neuroradiologists**

**Chair: Dr M Hourihan**

**Proposed by – Juliet Britton; Seconded by Robin Sellar**

**Opposed by - John Straiton; Seconded by Chris Rowland Hill**

**Saturday 14<sup>th</sup> October**

**Session 5: Dementia imaging**

**Chair: Adam Waldman, Shawn Halpin**

0900-0930

**Invited lecture: Pathophysiology of dementia**

Roy Weller

0930-1000

**Invited lecture: Imaging in the Investigation of Dementia**

Adam Waldman

1000-1010

**Diffusion weighted imaging in Alzheimer's disease: comparison with volumetric measurements**

Shah J; Ridha BH; Thornton JS; Rossor MN; Fox NC; Jäger HR

1010-1020

**Longitudinal Short TE Proton Magnetic Resonance Spectroscopy and Disease Progression in Inherited Prion Disease**

Hyare H, Siddique D, Webb T, Wroe S, Collinge J, Thornton JS, Yousry T

1020-1030

**Tract-based statistical mapping of fractional anisotropy changes and disability scores in multiple sclerosis - results of a pilot study**

Dineen RA, Shen LL, Morgan PS, Vilisaar J, Krishnan H, Constantinescu CS, Auer DP

1030-1100

**Coffee break**

**Session 6: Vascular**

**Chair persons: David Salvage, Charles Romanowski**

1100-1110

**Identifying vulnerable plaques - MRI-based stress analysis of carotid atheroma**

Li ZY, Howarth SP, Tang T, U-King-Im JM, Graves MJ and Gillard JH

1110-1120

**The utility of T2\* mapping in USPIO enhanced MR imaging of carotid atheroma: a step towards quantification**

Howarth SPS, Tang T, Graves M, Gillard JH

1120-1130

**Does calcium deposition play a role in the stability of carotid atheroma?**

**–Location is the key**

Li ZY, Howarth SP, Tang T, U-King-Im JM, Graves MJ and Gillard JH

**1130-1230**

**Chair: Maggie Hourihan**

**James Bull Lecture: Evidence based medicine**

Ivan Moseley

1230-1330

**Lunch**

**(Juniors meeting with lunch)**

**Session 7: Intervention 2**

**Chair: James Byrne, Chris Rowland-Hill**

1330-1400

**Invited lecture: Acute stroke management 1**

Shawn Halpin

1400-1430

**Invited lecture: Acute stroke management 2**

Tom Hughes

1430-1440

**Intracranial aneurysms coiled exclusively using PGLA coated (Cerecyte) coils –initial and early follow up results in 51 aneurysms**

Jayakrishnan V, Mitra D, Butteris D, Hind N, Gholkar A

1440-1450

**Endovascular Coiling of Unruptured Aneurysms: Does the Risk of Endovascular Treatment Outweigh the Natural History?**

Benes V, Bradley M, Molyneux A, Renowden S, Mitchell P.

1450-1500

**Neurointervention in the management of symptomatic vasospasm post SAH**

White PM, Sellar RJ, Keston P, Wood E

1500-1530

**Coffee break**

**Session 8: Miscellaneous**  
**Chair: Phil White, Jonathan Gillard**

1530-1600

**Invited lecture: Solid state techniques**

Graeme Bydder

1600-1610

**The Safety of MRI with active deep brain stimulation**

Thornton J, Carmichael D, Pinto S, Limousin-Dowsey P, Lemieux L, Yousry T

1610-1620

**Utility of 2D phase-contrast magnetic resonance imaging in the assessment of carotid arterial compliance and comparison with ultrasound**

Howarth SPS, Tang T, Wallace S, Graves MJ, Wilkinson I, Gillard JH

1620-1630

**Appearances of Watershed Infarcts on Diffusion-weighted Imaging (DWI)**

Macdonald JHM, Joy HM, Barker S

1630-1640

**Early detection of cerebral ischaemia following acute aneurysm subarachnoid haemorrhage using CT-perfusion.**

Rangi Permajit

1640-1650

**Superficial Siderosis – A Remaining Challenge in Neuroradiological Work Up**

Solbach T, Chawda S

1650-1700

**Introducing BSNR 2007 – King's College, London**

Jo Jaroz

1700-1800

**Annual General Meeting ( Full members only)**

## **Electronic posters**

### **1.Outcome from aneurysmal subarachnoid haemorrhage, the immediate effect of ISAT.**

Patel P, Kuruvath S, Parikh D, Salem A, Pfeiffer M, Chawda S, Vindlacheruvu RR, Aspoas AR.

### **2. Carotid cave aneurysms: a pictorial review**

Bhattacharya J, Strauss M, Dissanayake H, Jenkins S

### **3. Imaging and Interventional treatment of Bullet injury related Pseudoaneurysm of Petrocavernous segment of the right Internal carotid artery: A case study.**

Munusamy S, Venkatraman V, Patankar T, Phadke R

### **4. Radiologic appearance of hypophysitis**

Ericson K, Bensing S, Hulting A-L

### **5. Brain: Venous anomalies and pathologies – An Imaging Spectrum.**

Munusamy S, Venkatraman V, Patankar T, Phadke R

### **6. Neuroimaging Features of Paediatric Choroid Plexus Tumors : Useful in Preoperative Prediction of Tumour Histology**

Robertson, F. J.·Gunny, R. S.·Brew, S. K.

### **7. Anterior Spinal Cord Hernia – Imaging findings and clinico-radiological correlations.**

Dineen RA, Tsegaye M, White BD, Jaspan T

### **8. Radiation Dose in Neuro-Interventional Procedures: Is Alopecia Avoidable?**

Lowe A, Mutch S, Byrne JV, Golding SJ

### **9. Mid and hind brain deformities in response to intracranial hypotension, part of the acquired Chiari 1 spectrum**

Hyare H, Ederies A, Micallef C, Mathuru M, Stevens J

### **10. Do we need contrast-enhanced MRI to follow up vestibulocochlear schwannomas?**

Macmullen-Price J, Summers D

### **11. An unusual association – Chiari type 1 malformation and sacral myelomeningocele**

Puthuran.M, George.C, Maliakal.P