

BSNR 2001
BRITISH SOCIETY OF NEURORADIOLOGISTS
ANNUAL MEETING
Old Swan Hotel, Harrogate, North Yorkshire
12/13th October 2001

Friday 12th October

9.0 **Introduction and welcome**
Dr Graham Bonsor
Leeds General Infirmary

SCIENTIFIC PROGRAMME 1

CHAIR: Dr C S Barker, Southampton

- 9.05** **Detection of haemorrhage and haemorrhagic transformation in acute stroke with T2*wGRE and its influence on the analysis of diffusion weighted images (DWI)**
C Soh, H R Jäger, V Beric, N Losseff, M Brown
National Hospital for Neurology & Neurosurgery, Queen Square, London
- 9.17** **MR imaging of the basal ganglia in hepatic cirrhosis: correlation of T1W basal ganglia signal intensity with disease severity and azygous flow**
P S Richards, Y L Chan, JY Sung, Y T Lee, W M Lam, S C Chung.
Chinese University of Hong Kong
- 9.29** **MR perfusion and diffusion imaging following acute aneurysmal sub-arachnoid haemorrhage**
A Waldman, N Kitchen, R Jager, T Cox
Charing Cross Hospital and National Hospital for Neurology & Neurosurgery, Queen Square, London
- 9.41** **Diffusion-weighted imaging (DWI), T2*-weighted gradient echo imaging (T2*wGRE) and MRA in acute posterior circulation stroke**
H R Jäger, V Beric, N Losseff, M Brown
National Hospital for Neurology & Neurosurgery, Queen Square, London
- 9.53** **Analysis of diffusion tensor imaging in acute stroke: have we been mapping the wrong parameter?**
A Peña, H A L Green, C Price, E Warburton, T Donovan, T A Carpenter, J D Pickard, J H Gillard
Addenbrooke's Hospital, Cambridge and the University of Cambridge
- 10.05** **Evaluation of magnetic resonance myelography in the imaging of cervical spondylosis**
D Birchall, K Hall, D Connolly, C Mandel
Newcastle General Hospital
- 10.17** **Cervical spondylotic myelopathy: correlation of pre- and post-operative MRI findings with clinical outcome**
V Beric, A Singh, A Crockard, J S Stevens
National Hospital for Neurology & Neurosurgery, Queen Square, London
- 10.29** **Open access neuroimaging for general practitioners- diagnostic yield and influence on patient management**
P White, D Collie
Western General Hospital, Edinburgh

10.45 – 11.15 **MORNING COFFEE**

SCIENTIFIC PROGRAMME 2

CHAIR: Dr J Britton, Wimbledon

- 11.15** **How effective is surveillance neuroimaging in childhood intracranial medulloblastoma?**
D E Saunders, K P Phipps, A M Wade, A J Michalski, R D Hayward, W K Chong
Great Ormond Street Hospital for Children, London
- 11.27** **The evolution of subdural haematoma in non-accidental head injury in children - is there a discernable pattern?**
R J Gibson, M McPhillips, RA Minns
Western General Hospital and Royal Hospital for Sick Children, Edinburgh
- 11.39** **Intracerebral injury due to non-accidental head injury – acute and sequential MR findings**
M McPhillips, R J Gibson, R A Minns
Royal Hospital for Sick Children and Western General Hospital, Edinburgh
- 11.51** **Post mortem magnetic resonance imaging of the fetus**
P D Griffiths, D Variend, M Evans, A Jones, I D Wilkinson, M N J Paley, E Whitby
University of Sheffield
- 12.03** **Interpretation of MR images of posterior fossa abnormalities of the foetus *in utero* and *post mortem***
A Jones, E H Whitby, P D Griffiths
University of Sheffield
- 12.15** **Pachygyria: what's in a name?**
N G Stoodley, D T Pilz
University Hospital of Wales, Cardiff
- 12.27** **Neurological and neurocognitive development in children with Vein of Galen malformation**
R Mackinlay, W Taylor, F Vargha-Khadem, V Ganesan
National Hospital for Neurology & Neurosurgery, Queen Square, London
- 12.39** **CAMS – a new concept and classification of the Wyburn-Mason Syndrome**
J J Bhattacharya, D C Suh, G Rodesch, H Alvarez, P Lasjaunias, CB Luo
Institute of Neurological Sciences, Glasgow and CHU Bicetre, Paris, France

12.55 – 14.00 **LUNCH**

SCIENTIFIC PROGRAMME 3

CHAIR: Dr G Bonsor, Leeds

INVITED LECTURES

- 14.00** **Imaging of the trigeminal nerve – anatomy and pathology**
Dr Jan Casselman
Brugge, Belgium
- 14.45** **Neurosurgical management of facial pain syndromes**
Mr Nick Phillips
Consultant Neurosurgeon, Leeds General Infirmary

15.15 – 15.45 **AFTERNOON TEA**

SCIENTIFIC PROGRAMME 4

CHAIR: Dr J Straiton, Leeds

- 15.45 High-resolution MR of carotid atheroma: a non-invasive tool for assessing plaque morphology and potential risk?**
J H Gillard, MT Gaskarth, M J Graves, R A Coulden, H Wilson, N M Antoun, P J Kirkpatrick
Addenbrooke's Hospital, Cambridge and the University of Cambridge
- 15.57 Do neuroradiologists agree about the angioarchitecture of arteriovenous malformations of the brain? An inter- and intra-observer variability study of angiogram interpretation**
R Al-Shahi, N Pal, J Bhattacharya, A Clifton, A Gholkar, S Halpin, S Lewis, J Millar, A Molyneux, R Sellar
Western General Hospital, Edinburgh
- 16.09 A new protocol for evaluation of patients presenting with CT confirmed aneurysmal subarachnoid haemorrhage**
H Kamel, S C McKinstry, P Flynn, K Choudhari, R S Cooke, J Gray, T F Fannin, D Byrnes
Royal Victoria Hospital, Belfast
- 16.21 Subtraction helical CT angiography of intra- and extracranial vessels: comparison with standard CTA**
V K Jayakrishnan, P M White, D Aitken, P Crane, E Teasdale
Institute of Neurosciences, Glasgow, Western General Hospital, Edinburgh and Marconi Medical Systems, Stevenage
- 16.33 Virtual endoscopic examination of large intracranial aneurysms**
J Straiton, G Bonsor, M Nelson
Leeds General Infirmary
- 16.45 Non-invasive diagnosis and classification of dural arteriovenous fistulae with dynamic MR digital subtraction angiography.**
S C Coley, C A J Romanowski, T J Hodgson, P D Griffiths
Royal Hallamshire Hospital, Sheffield

17.00 – 17.45 OPEN FORUM

PROFESSIONAL DEVELOPMENT IN NEURORADIOLOGY

Experience of an MSc course Dr J Bhattacharya, Glasgow

Experience of the American CAQ Dr C Kirsch, London

An additional qualification in Neuroradiology in the UK? Dr G Quaghebeur, Oxford

Open discussion

17.45 Neuroradiology SpR's Meeting
Convened by Dr Adam Ditchfield, Southampton
Refreshments will be served!

19.30 EVENING RECEPTION AND BUFFET
Sun Pavilion, Valley Gardens, Harrogate.

Saturday 13th October

SCIENTIFIC PROGRAMME 5

CHAIR: Prof P Griffiths, Sheffield

INVITED LECTURE

- 9.00** **Magnetic resonance angiography in Neuroradiology; principles, practice and the state of the art**
Dr James F M Meaney
Dublin
- 9.30** **A comparison of 2D TOF MRA and gadolinium enhanced MRA in the evaluation of carotid stenosis**
S Jenkins, D Connolly, P English, C Mandel, D Birchall, A. Gholkar
Newcastle General Hospital
- 9.42** **Stereotactic radiosurgery for the treatment of dural arteriovenous fistulae**
S O' Leary, S C Coley, T J Hodgson , A A Kemeny, M W Radatz
Royal Hallamshire Hospital, Sheffield
- 9.54** **Combined flow and morphological MRA assessment of brain AVMs undergoing endovascular treatment**
D Niemann, R McLaughlin, P Summers, A Chung, J VByrne
University of Oxford and Kings College Hospital, London
- 10.06** **Dynamic subtraction magnetic resonance venography for the detection of dural sinus thrombosis: a new real time imaging technique**
D Connolly, S Jenkins, D Birchall, P English and C Mandel
Newcastle General Hospital
- 10.18** **Persistent aneurysm filling after clipping of intracranial aneurysms**
H Kamel, S C McKinstry, P Flynn, R S Cooke J Gray, T F Fannin,
D Byrnes
Royal Victoria Hospital, Belfast

10.30 – 11.00 **MORNING COFFEE**

SCIENTIFIC PROGRAMME 6

CHAIR: Dr J R Bradshaw, Bristol
President, British Society of Neuroradiologists

- 11.00** **Proton magnetic resonance spectroscopy in the investigation of Alzheimer's Dementia: a major clinical application at last?**
A Waldman, G Rai
Charing Cross Hospital and Whittington Hospital, London
- 11.12** **MR imaging in monitoring optic-chiasmatic-hypothalamic glioma following chemotherapy**
P Demaerel, I Casteels, S Van Gool
University Hospitals Leuven, Belgium

- 11.24 **Diffusion tensor imaging of brain tumours at 3 Tesla: a potential tool for differentiating high grade gliomas from low grade tumours and metastases?**
S J Price, N G Burnet, T Donovan, H A L Green, A Peña, N M Antoun,
J D Pickard, T. A Carpenter, J H Gillard
Addenbrooke's Hospital, Cambridge and the University of Cambridge
- 11.36 **Can routine, 2-4 minute duration single voxel proton spectroscopy be used as an accurate predictor of grade of malignancy in cerebral glioma?**
T Smith, K Das, A Palit, P Warnke, J Broome
Walton Centre for Neurology and Neurosurgery, Liverpool
- 11.48 **Correlation of proton MR spectroscopy of primary intracranial tumours and histopathological findings: preliminary results**
D Birchall, D Connolly, D Ellison, P J Crawford
Newcastle General Hospital
- 12.00 **JAMES BULL LECTURE**
Imaging of the inner ear and central auditory pathways
Dr Jan Casselman
Brugge, Belgium

13.00 – 14.00 **LUNCH**

SCIENTIFIC PROGRAMME 7

CHAIR: Dr J V Byrne, Oxford

- 14.00 **Endovascular treatment of PICA aneurysms**
W Mukonoweshuro, R Laitt, D Hughes
Hope Hospital, Salford
- 14.12 **Endovascular treatment of aneurysms using the new Trufill DCS coils - the early Edinburgh experience**
P White, R Sellar
Western General Hospital, Edinburgh
- 14.24 **Endovascular treatment of aneurysms using the new Ultrasoft GDC coils - the early Edinburgh experience**
R Sellar, P White, L Horribine
Western General Hospital, Edinburgh
- 14.36 **ONYX liquid embolic system in the treatment of intracranial aneurysms. Clinical experience in 12 patients**
A Molyneux, D Nieman, C Cowsill
Radcliffe Infirmary, Oxford
- 14.48 **Complications of retreatment of aneurysms with GDC coils.**
W Mukonoweshuro, R Lenthall, T Jaspan, N McConachie
Queens Medical Centre, Nottingham
- 15.00 **Does the method of treatment of acutely ruptured intracranial aneurysms influence the incidence and duration of cerebral vasospasm and clinical outcome?**
A J P Goddard, P P J Raju, A Gholkar, P Haslam
Newcastle General Hospital
- 15.12 **Vertebroplasty for the treatment of painful vertebral collapse: preliminary experience**
D Birchall, A Gholkar, J Nissen, N V Todd
Newcastle General Hospital

15.24 Magnetic resonance neurography of the median nerve before and after carpal tunnel decompression

A G Clifton, S A Cudlip, F A Howe, M S Schwartz, B A Bell
Atkinson Morley's Hospital, Wimbledon

**15.36 Close of scientific programme
Preview of Southampton 2002**

15.40 – 16.00 AFTERNOON TEA

**16.00 - 17.00 BSNR ANNUAL GENERAL MEETING
(Full members only)**

**19.30 for 20.00 ANNUAL DINNER
Dress – Black tie
Wedgewood Room, Old Swan Hotel**