34TH ANNUAL MEETING British Nuclear Medicine Society

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Prof M Frier (Chair)
Mr M Avison
Mrs M Burniston
Dr B Ellis
Dr J R W Hall
Dr A Kelion
Dr S Vinjamuri
Prof E D Williams

Technologist Group
Mr J Reid
Mrs L Bartle
Mr A Deakin
Mrs S Farrell

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Mr M Avison
Mr M Burniston
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Radiopharmacy Chair Dr B Ellis
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BNCS President Dr J R W Hall
Nurses co-Chair Mrs B Johnson
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Hon Secretary Prof A Perkins
Scientific Chair Prof M Frier
PA to Hon Secretary Mrs C Weston
Poster Session Organiser Dr R Ganatra
Judging Dr B Neilly
Dr B Ellis
Dr R Shields
YIP judging Prof M Frier
Exhibition Organiser Mrs S Hatchard
Conference Secretary Mrs S Hatchard

Society Membership
Membership of the British Nuclear Medicine Society is open to those who have a substantial interest and involvement in the development and provision of Nuclear Medicine services. The Society exists to further the professional, scientific and clinical interests of members and to support the development of Nuclear Medicine for the benefit of patients.

Subscription Rates

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<th>UK</th>
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<tr>
<td>Full Member</td>
<td>£132</td>
<td>£172</td>
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<td>Full Member reduced rate</td>
<td>£108</td>
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<td>Associate Member</td>
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An application form for membership can be found at the back of the programme. Further details are available at the Conference Registration Desk or by visiting our web site (www.bnms.org.uk).

*Stop Press*
Sign up for full BNMS membership at the Conference and receive Nuclear Medicine Communications from April to September 06 free of charge. In order to take advantage of this offer, please complete the membership form at the back of the programme and monthly direct debit form (available from the Registration desk). Your direct debit payments will not begin until October 2006.

For advance registration contact:
Conference Secretary
Mrs S Hatchard
Regent House
291 Kirkdale
London
SE26 4QD
Tel: 020 8676 7864
Fax: 020 8676 8417
Email: office@bnms.org.uk
Or visit our web site www.bnms.org.uk

Conference Registration
GENERAL INFORMATION

Pre-Registration
Sunday 26 March 17.30 – 19.00
Foyer, Manchester International Convention Centre.

Registration
Monday 27 March 08.30 Onwards
Foyer, Manchester International Convention Centre.

Hotel Accommodation
Download a booking form from the web site (www.bnms.org.uk)
Or contact Marketing Manchester,
Tel: 0161 238 4514/4563,
Fax: 0161 907 3723

Catering
Coffee and Tea in Exhibition area in Great Northern Hall
09.00 – 17.00
Coffee shop in Great Northern Hall
Tea/coffee/soft drinks, crisps, confectionery, cakes & pastries, selection of filled sandwiches & baguettes
12.00-14.30
Hot dish of the day
11.00-17.00
Selection of bottled beers, wine sold by the glass

Commercial Exhibition-
Great Northern Hall
Opening times:
Monday 27 09.30 – 18.30
Tuesday 28 09.00 – 17.00
Wednesday 29 09.00 – 14.30
Free entry on Tuesday 28 March only

AV Centre
Breakout Room 1

BNMS Stand No. 8
BNMS will be inviting departments to send in their Patient Information leaflets. Visit the BNMS stand and meet local patient representatives. Find out the patient perspective on information leaflets – watch the judging and ask questions.

Internet Access No.9
Internet access is available for delegates in the Exhibition Hall next to the BNMS stand.

CME/CPD
Please Note: CPD/CME certificates for those attending all three days of the meeting will only be available for collection, in person, at the end of the meeting on Wednesday 29.
A maximum of 14 CPD/CME credits have been awarded for the meeting. Please note that delegates can only record the actual number of hours attended for CPD/CME purposes.

Emergency Contact Details
The emergency contact telephone number for delegates attending the conference is 0161 834 2700.
SOCIAL EVENTS

Disco
Monday 27 March 10.00 pm – 2.00 a.m.
Tiger Tiger, The Printworks, Withy Grove, Manchester M4 2BS
Tickets £7.00 each (including complimentary drink, midnight snacks) can be purchased at the Registration Desk.

‘Meet & Greet’ Reception
Sunday 26 March 5.30 p.m. – 7.00 p.m.
Foyer, Manchester International Convention Centre

BNMS Cocktail Party
Monday 27 March 5.00pm – 6.30 p.m.
The Commercial Exhibition, Great Northern Hall
Registration fee includes ticket for cocktail party. Additional tickets can be purchased at £18.00 each.

Conference Dinner
Tuesday 28 March 8.00 p.m. – 11.00 p.m.
The Lowry Centre, Pier 8, Salford Quays
Private viewing of the Lowry galleries to include drinks reception, dinner, music and transfers
Tickets £30 each.
## AT A GLANCE - Monday 27 March

### Auditorium

**09.20** President opens conference
**09.30** Interactive - Sentinel Node Biopsy
  Dr R Allan, St George’s Hospital
  Dr R Clauss, Royal Surrey County Hospital
  Chair: Dr A Hilson

**10.00** Interactive - Technologist Reporting
  Mr K Holmes, St Martin’s College Lancaster
  Mr M Griffiths, University of the West of England
  Chair: Mrs E Welsh

**12.00** Moderated Poster Session
**12.15** Lunch and Exhibition
**13.00** Interactive - Image Perception
  Prof A Todd-Pokropek, University College London
  Chair: Prof K Miles

**14.00**
**14.30** Tea and Exhibition

**15.00** Potential ways forward for Nuclear Medicine and Radiology
  Prof A Dixon, Warden
  Royal College of Radiologists
  Chair: Dr A Hilson

**16.00** Moderated Poster Session
**17.00** Cocktail Reception - Exhibition Hall
**18.30** Close of Meeting

### Mancunian

**09.30** Cardiology I
  Chairs: Dr A Tweddle, Dr G Davies
  Proffered papers
**09.45** Coffee and Exhibition
**10.45** Coffee and Exhibition
**11.00** Neuroendocrine I
  Chairs: Dr V Lewington, Dr G Vivian
  Proffered papers
**12.15** Moderated Poster Session
**13.00** Lunch and Exhibition
**13.30** Invited Reviews
  Update on Guidelines for Thyroid Imaging and Therapy
  Dr S Clarke, Guy’s & St Thomas’ Hospital
  Cross-sectional anatomy
  Dr G Cook, Royal Marsden Hospital

**14.45** Tea and Exhibition
**15.00** Quantitative Methods
  Chairs: Dr N Garvie, Mr P Hinton
  Proffered papers
**16.00** Moderated Poster Session
**17.00** Cocktail Reception - Exhibition Hall
**18.30** Close of Meeting

### Porters

**09.30** Medics Forum
**09.45** Chair: Dr R Ganatra
**10.00** Physics
  Chairs: Dr H Gemmell, Dr A Mackie
  Proffered papers
**10.30** Coffee and Exhibition
**10.45** Coffee and Exhibition
**11.00** Moderated Poster Session
**12.15** Lunch and Exhibition
**13.00** Lunch and Exhibition
**13.30**
**14.00** Starting a Breast Sentinel Node Service
  Dr A Britten, St. George’s Hospital London
**14.45** Tea and Exhibition
**15.00** Quantitative Methods
  Chairs: Dr N Garvie, Mr P Hinton
  Proffered papers
**16.00** Moderated Poster Session
**17.00** Cocktail Reception - Exhibition Hall
**18.30** Close of Meeting
### AT A GLANCE - Tuesday 28 March

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<thead>
<tr>
<th>Time</th>
<th>Auditorium</th>
<th>Mancunian</th>
<th>Porters</th>
<th>Breakout rooms 6/7</th>
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</thead>
<tbody>
<tr>
<td>09.00</td>
<td>Oncology/Endocrinology</td>
<td>Update from Government Departments and Agencies</td>
<td>Cardiology II</td>
<td>09.00</td>
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<tr>
<td>09.45</td>
<td>Invited Review</td>
<td>Chairs: Dr D Cunningham, Dr S Vinjamuri</td>
<td>Chairs: Dr M Harbinson, Dr A Kelion</td>
<td>09.00</td>
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<tr>
<td>09.45</td>
<td>Pathophysiology and imaging of the parathyroid</td>
<td>Prof D Hosking, Dr J Buscombe</td>
<td>Proffered papers</td>
<td>09.00</td>
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<tr>
<td>10.30</td>
<td>Technologists I</td>
<td>Chairs: Mr J Reid, Mrs J Davidson</td>
<td>BNCS Business meeting</td>
<td>10.00</td>
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<tr>
<td>11.15</td>
<td>Coffee and Exhibition</td>
<td>Proffered papers</td>
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<tr>
<td>11.30</td>
<td>BNMS Annual Lecture</td>
<td>Approaches to imaging oncogene expression</td>
<td>Coffee and Exhibition</td>
<td>11.00</td>
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<tr>
<td>11.30</td>
<td>Prof Mathew Thakur</td>
<td>Thomas Jefferson University</td>
<td>BNMS Annual Lecture (Auditorium)</td>
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<td>Lunch and Exhibition</td>
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<td>12.30</td>
<td>Neuroendocrine II - New Advances</td>
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<td>12.30</td>
<td>Chairs: Dr N Avril, Ms W Waddington</td>
<td>Technology Group AGM*</td>
<td>Radiopharmacy Group AGM*</td>
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<td>Bone</td>
<td>Chairs: Dr M Harbinson, Dr A Kelion</td>
<td>Nurses AGM*</td>
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<td>14.45</td>
<td>Chairs: Dr D Dunlop, Dr L Smith</td>
<td>Proffered papers</td>
<td>Nurses</td>
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<tr>
<td>15.00</td>
<td>Invited Review</td>
<td>PACS, RIS, HRG - The Brave New World or Not?</td>
<td>Mr D McCool</td>
<td>15.00</td>
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<tr>
<td>15.00</td>
<td>HSE National Study to accompany Nuclear Medicine Patients: Practice, perception and problems</td>
<td>Royal Free Hospital</td>
<td>Chairs: Prof J Hill, Ms S Allen</td>
<td>15.00</td>
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<td>15.30</td>
<td>Ms C Greaves, Royal Surrey County Hospital</td>
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<td>16.15</td>
<td>BNMS AGM (Porters)</td>
<td>BNCS Business meeting</td>
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<td>17.00</td>
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<td>17.00</td>
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<td>UK PET Group</td>
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* Lunch provided
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<tr>
<th>Time</th>
<th>Session</th>
<th>Location/Chair</th>
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<tbody>
<tr>
<td>09.00</td>
<td>Neurology&lt;br&gt;Chairs: Mrs M Burniston, Dr J Frank&lt;br&gt;Proffered papers&lt;br&gt;Young Investigator’s Prize entry</td>
<td>Auditorium</td>
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<td>09.00</td>
<td>Mancunian&lt;br&gt;SPECT/CT Manufacturers Session&lt;br&gt;GE Healthcare, Mediso and Bartec Technologies&lt;br&gt;Philips Medical Systems, Siemens Medical Solutions&lt;br&gt;Chair: Prof E D Williams</td>
<td>Mancunian</td>
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<tr>
<td>10.15</td>
<td>Guidelines and Service Delivery&lt;br&gt;Chairs: Dr B Neilly, Mr M Avison&lt;br&gt;Proffered papers</td>
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<td>10.30</td>
<td>Coffee and Exhibition</td>
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<td>10.45</td>
<td>Oncology II&lt;br&gt;Prof AM Peters, Dr P Marsden&lt;br&gt;Proffered papers</td>
<td>Porters</td>
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<td>12.15</td>
<td>Presentation of Prizes&lt;br&gt;Highlights Lecture&lt;br&gt;Dr A Al-Nahhas, Hammersmith Hospital</td>
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<td>12.15</td>
<td>Presentation of Prizes (Auditorium)</td>
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<td>Coffee and Exhibition</td>
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<td>11.30</td>
<td>Invited Review&lt;br&gt;GFR Guidelines Revisited&lt;br&gt;Prof J Fleming, Southampton General Hospital&lt;br&gt;Chairs: Dr H Gray, Prof R Lawson</td>
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<td>13.30</td>
<td>Red Dress UK - Don’t Break a Woman’s Heart&lt;br&gt;Chairs: Dr A Kelion, Dr V Naidoo</td>
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<td>09.20</td>
<td>President opens conference</td>
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<td>09.30</td>
<td>Sentinel Node Biopsy</td>
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<td>Interactive Session</td>
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<td>Dr R Clauss</td>
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<td>Royal Surrey County Hospital</td>
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<td>Chair: Dr A Hilson</td>
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<td>Technologist Reporting</td>
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<td>Mr K Holmes</td>
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<td>St Martin’s College, Lancaster</td>
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<td>Mr M Griffiths</td>
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<td>University of the West of England</td>
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<td>Chair: Mrs E Welsh</td>
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<td>Moderated Poster Session (Exhibition Hall)</td>
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<td>Lunch and Exhibition</td>
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<td>13.30</td>
<td>Image Perception</td>
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<td>Prof A Todd-Pokropek</td>
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<td>University College London</td>
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<td>Chair: Prof K Miles</td>
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<td>14.30</td>
<td>Tea and Exhibition</td>
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<td>15.00</td>
<td>Potential ways forward for Nuclear Medicine and Radiology</td>
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<td>Prof A Dixon, Warden, Royal College of Radiologists</td>
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<td>Chair: Dr A Hilson</td>
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<td>16.00</td>
<td>Moderated Poster Session (Exhibition Hall)</td>
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<td>17.00</td>
<td>Cocktail Reception</td>
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<td></td>
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<td>18.30</td>
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### CARDIOLOGY I

**Chairs:** Dr A Tweddle, Dr G Davies

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<th>Time</th>
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<tbody>
<tr>
<td>09.30</td>
<td>1. Treadmill Exercise and Myocardial Perfusion Imaging – The Relationship between Target Rate and Ischemia</td>
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<td>Elmegadmi AH, Randall C, Garvie NW Royal London Hospital</td>
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<tr>
<td>9.45</td>
<td>2. Can a Planar Image Predict Bowel Overlap in Tomographic Myocardial Perfusion Scans?</td>
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<td>Russell S, Thomson WH, O’Brien J, Smith NB, Notghi A, City Hospital, Birmingham</td>
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<tr>
<td>10.00</td>
<td>3. Prognostic Significance of ST Depression using Adenosine Stress in the setting of a normal Myocardial Perfusion Study</td>
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<td>Pandit MM, Prescott MC, Lawson RS, James JM, Arumugam P, Department of Nuclear Medicine Manchester Royal Infirmary</td>
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<tr>
<td>10.15</td>
<td>4. Pacing and Racing the Heart: Enhancing Heart Rate in Asthmatic Patients with Cardiac Pacemakers</td>
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<tr>
<td></td>
<td>Gnanasegaran G, Ross G, Shabo G, Taylor A, Morley A, Nunan T O, Department of Nuclear Medicine, Guy’s and St. Thomas Hospital NHS Trust, London</td>
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<tr>
<td>10.30</td>
<td>5. Chest Pain during Myocardial Stress Procedures: Does it Imply the Presence of Ischemia?</td>
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### NEUROENDOCRINE I

**Chairs:** Dr V Lewington, Dr G Vivian

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<tr>
<td>11.00</td>
<td>6. Usefulness of Pre-operative MIBI Scanning in Patients with Primary Hyperparathyroidism</td>
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<td>Hamilton NV, Ellul GJ, Al-Bahrani GI, James JM, Prescott MC, Parrott NR, Department of Nuclear Medicine, Manchester Royal Infirmary</td>
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<tr>
<td>11.15</td>
<td>7. Role of Technetium 99m Sestamibi Scintigraphy and Ultrasound in Preoperative Localisation of Parathyroid Lesions</td>
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<td>Lee CM, Norris M, Bliss R, Lloyd JJ, Royal Victoria Infirmary, Newcastle Upon Tyne</td>
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<td>11.30</td>
<td>8. OCTREOSCAN in the UK: BNMS Survey</td>
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<td>Gnanasegaran G, Clarke SEM, Department of Nuclear Medicine, Guy’s and St. Thomas’ Hospital NHS Trust, London</td>
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<td>11.45</td>
<td>9. Octreotide and mIBG Scans in Patients with Neuroendocrine Tumours: Correlation with Survival and Tumour Grade</td>
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<td>Quigley A-M, Buscombe JR, Caplin ME, Hilson AJW, Royal Free Hospital, London</td>
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</table>
12.00 10. An Audit to Assess the Role and Importance of Nuclear Medicine Imaging in the Management of Neuroendocrine Tumours
Raman V1, Biswas SV2, Gnanasegaran G1, Multholland N1, Clarke SEM1
Guys and St Thomas’ NHS Trust, Nuclear Medicine Department1, Radiology Department2

12.15 12. Poster Session
(Exhibition Hall)

13.00 13. Lunch and Exhibition

13.30 14. Invited Reviews:
Chairs:
Update on Guidelines for Thyroid Imaging and Therapy
Dr S Clarke, Guy’s & St Thomas’ Hospital
Cross-sectional Anatomy
Dr G Cook, Royal Marsden Hospital Sutton

14.45 15. Tea and Exhibition

QUANTITATIVE METHODS
Chairs: Dr N Garvie, Mr P Hinton

15.00 16. Using Whole Body Counting to Determine Neutrophil Trafficking and Loss in COPD
Szczepura KR1, Ruparelia PR1, Bilton D1, Chilvers ER1, Peters AM1
Department of Radiology1, University of Cambridge1, Department of Medicine, University of Cambridge1, Department of Medicine, Addenbrooke’s and Papworth Hospitals,

15.15 17. Modelling and Correcting for Respiratory Motion in PET
Vyas NS1, Schleyer P1, Hill DLG2, Marsden PK1
‘King’s College London School of Medicine at Guy’s, King’s College and St Thomas’ Hospitals, ‘Centre for Medical Image Computing, University College London

15.30 18. Simple Scatter Correction Methods for Gamma Camera Images: Do they Work?
Wright DA and Chandler, ST
Regional Medical Physics Department, Darlington Memorial Hospital

15.50 19. Computer Simulation of Gamma Camera Images of the Kidney
Dawson AH, Fleming JS, Hoffmann SMA, Papasyrou L, Peel S
Department of Medical Physics and Bio-engineering, Southampton General Hospital, Southampton

16.05 20. Moderated Poster Session
(Exhibition Hall)

17.00 21. Cocktail Reception
(Exhibition Hall)

18.30 22. Close of Meeting

YOUNG INVESTIGATOR’S PRIZE ENTRY

11.00 11. Comparison of Different Methodologies for Lesion Volume Determination in PET
Hatt M1, Boussion N1, Carson K1, Jarrett P1, Lamare F1, Bizais Y1, Cheze le Rest J1, Cheze le Rest C1, Visvikis D1, U650 INSERM, Laboratoire du traitement de l’information médicale (LaTIM), CHU Morvan, Brest, France
2. Northern Ireland Regional Medical Physics Agency, Nuclear Medicine Department, Royal Victoria Hospital, Belfast, Northern Ireland

11.15 12. Improved Triple Energy Window Scatter Correction for I-131
Mora-Ramirez E, Barnden L, Hutton BF
Institute of Nuclear Medicine, UCL, London

11.30 13. What is an Achievable and Acceptable Level of Head Misalignment Along the Axis of Rotation Direction for Gamma Camera SPECT?
Avison MP1, Barnfield MC2, Burnetton MT1, Brown S1, Medical Physics Department, Bradford Royal Infirmary1, Department of Medical Physics, St James’s University Hospital, Leeds2 and Nuclear Medicine Department, Southend Hospital NHS Trust1

11.45 14. The Effectiveness of Different Types of Syringe Shields for Y-90
Hooper SA1, Thomson WH1, Crossley CA1, Pearce JH1, Jones JM1
Department of Nuclear Medicine, Velindre NHS Trust, Cardiff1; Department of Physics & Nuclear Medicine, Sandwell & West Birmingham Hospitals NHS Trust1; Radiation Protection Service, Velindre NHS Trust, Cardiff1; Department of Medical Physics, University Hospital of Wales, Cardiff1

12.00 15. Radiation Protection Implications in Ga-68 DOTA – TOC PET Imaging
Hammersmith Hospitals NHS Trust, London

12.15 16. Poster Session
(Exhibition Hall)

13.00 17. Lunch and Exhibition

Dr A Britten

16.00 19. Moderated Poster Session
(Exhibition Hall)

17.00 20. Cocktail Reception
(Exhibition Hall)

18.30 21. Close of Meeting

PHYSICS
Chairs: Dr H Gemmell, Dr A Mackie

09.30 09. Medics Forum
Chair: Dr R Ganatra

10.30 10. Coffee and Exhibition

11.00 11. Comparison of Different Methodologies for Lesion Volume Determination in PET
Hatt M1, Boussion N1, Carson K1, Jarrett P1, Lamare F1, Bizais Y1, Cheze le Rest J1, Cheze le Rest C1, Visvikis D1, U650 INSERM, Laboratoire du traitement de l’information médicale (LaTIM), CHU Morvan, Brest, France
2. Northern Ireland Regional Medical Physics Agency, Nuclear Medicine Department, Royal Victoria Hospital, Belfast, Northern Ireland

11.15 12. Improved Triple Energy Window Scatter Correction for I-131
Mora-Ramirez E, Barnden L, Hutton BF
Institute of Nuclear Medicine, UCL, London

11.30 13. What is an Achievable and Acceptable Level of Head Misalignment Along the Axis of Rotation Direction for Gamma Camera SPECT?
Avison MP1, Barnfield MC2, Burnetton MT1, Brown S1, Medical Physics Department, Bradford Royal Infirmary1, Department of Medical Physics, St James’s University Hospital, Leeds2 and Nuclear Medicine Department, Southend Hospital NHS Trust1

11.45 14. The Effectiveness of Different Types of Syringe Shields for Y-90
Hooper SA1, Thomson WH1, Crossley CA1, Pearce JH1, Jones JM1
Department of Nuclear Medicine, Velindre NHS Trust, Cardiff1; Department of Physics & Nuclear Medicine, Sandwell & West Birmingham Hospitals NHS Trust1; Radiation Protection Service, Velindre NHS Trust, Cardiff1; Department of Medical Physics, University Hospital of Wales, Cardiff1

12.00 15. Radiation Protection Implications in Ga-68 DOTA – TOC PET Imaging
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Dr A Britten

16.00 19. Moderated Poster Session
(Exhibition Hall)

17.00 20. Cocktail Reception
(Exhibition Hall)

18.30 21. Close of Meeting
ONCOLOGY I / Endocrinology
Chairs: Dr D Cunningham, Dr S Vinjamuri

09.00
Invited Review
Pathophysiology and Imaging of the Parathyroid
Prof D Hosking, Nottingham City Hospital
Dr J Buscombe, Royal Free Hospital, London

10.00
20. Phase I/II Study of Fractionated Radioimmunotherapy (RIT) in Relapsed Low Grade non-Hodgkin’s Lymphoma (NHL)
Zivanovic MA, Bayne MC, Illidge TM, Du Y, Lewington VJ, Johnson PW
Southampton University Hospitals NHS Trust; Christie Hospital NHS Trust, Manchester; Middlesex Hospital, London; Royal Marsden Hospital NHS Trust, Sutton, Surrey

10.15
The Microscopic Tumour BioDistribution of 1-13I Labelled mAb is Critical in Predicting Successful RIT of Lymphoma
Du Y1, Glennie MJ2, Johnson PW2, Illidge TM1,2
Institute of Nuclear Medicine, University College London1; Cancer Sciences Division, University of Southampton2 and Cancer Sciences Division, University of Manchester2

10.30
Zevalin® – First Experience of 18 months of Non-research use
Warbey VS1, Quigley A-M1, Ng MHL1, Hussain R1, McNamara C1, Buscombe JR1, Hillson AW1
Dept of Nuclear Medicine1 and Dept of Haematology2, Royal Free Hospital, London

10.45
Radio-Immunotherapy in Advanced Pancreatic Cancer: Is it Feasible?
Sultana A, Jayan R1, Chauhan S, Shore S, Evans J1, Garvey C1, Ghaneh P, Vinjamuri S, and Neoptolemos JP
Division of Surgery and Oncology, Departments of Nuclear Medicine1, and Radiology1, Royal Liverpool University Hospital

11.00
Sodium Iodide Symporter (NIS) in Metastatic Breast Carcinoma: Initial Experiences with Tc99m Perchtenetate
Prosser JE1, MacLaren V1, Renwick E1,2, Boyd M1, Mars RJ1, Evans TR1
Mckillop J1, Gillen G1
Dept of Nuclear Medicine, Western Infirmary, Glasgow1, Division of Cancer Science and Molecular Pathology, University of Glasgow1, Dept. of Medicine, University of Glasgow2

11.15
Coffee and Exhibition

11.30
BNMS Annual Lecture
Approaches to Imaging Oncogene Expression
Prof Mathew Thakur
Thomas Jefferson University
Philadelphia, USA

12.30
Lunch and exhibition

NEUROENDOCRINE II – NEW ADVANCES
Chairs: Dr N Avril, Ms W Waddington

13.30
SPECT CT in Neuroendocrine Tumours
Reid RH, Rachinski I, Kocha W
London Health Sciences Centre, Ontario Canada

13.45
Ga-68 DOTA-Octreotate PET-CT in Primary and Recurrent Neuroendocrine Tumours
Kayani I, Groves AM, Gacinovic SM, Ell PJ and Bomanji J
Institute of Nuclear Medicine, UCLH, London

14.00
F-18-FDOPA PET – A Superior Technique in the Detection of Phaeochromocytomas?
Seshadri N, Wat J, Balan K
Department of Nuclear Medicine, Addenbrooke’s Hospital, Cambridge

14.15
68Ga-DOTATATE PET Imaging in Neuroendocrine and Neuroectodermal Tumours
Win Z, Rahman L, Khan S, Murrell J, Al-Nahhas A
Department of Nuclear Medicine, Hammersmith Hospital, London

14.30
Tea and Exhibition

15.00
IR(ME)R, Research and COREC - A Guide to the Perplexed
Dr W Svenson
Charing Cross Hospital

15.30
HSE National Study of Information to Accompany Nuclear Medicine Patients: Practice, perception and problems.
Ms C Greaves
Royal Surrey County Hospital

16.15
BNMS AGM (Porters)

17.00
Close of Meeting
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09.00</td>
<td>Update from Government Departments and Agencies programme will be available in Delegates’ bags. Mr S Ebdon-Jackson, HPA Dr T Nunan, St Thomas’ Hospital</td>
</tr>
<tr>
<td>09.45</td>
<td>Gallium – 68 DOTATOC PET-CT – A Technologists’ Perspective Heath G, Blanchard P, Dickson J, Kayani I Institute of Nuclear Medicine, UCLH, London</td>
</tr>
<tr>
<td>10.00</td>
<td>Can Complex PET Research Studies be Performed on a State of the Art PET/CT system? Benatar NA, Dobbin RM, Schleyer PJ, Mackewin JE, and Mariden PK King’s College London School of Medicine at Guy’s, King’s College and St Thomas’ Hospitals</td>
</tr>
<tr>
<td>10.15</td>
<td>Radiographer Reporting - The Referrer Verdict Johns SL, Kemp PM Southampton University Hospitals’ NHS Trust</td>
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<tr>
<td>10.30</td>
<td>How Should we Measure the Diagnostic Accuracy in Reporting? Holmes KG1, Welsh ME2 University of Salford1, Morecambe Bay Hospitals Trust1</td>
</tr>
<tr>
<td>10.45</td>
<td>Nicer than NICE: Nuclear Cardiology Service at a Teaching Hospital Ross G, Gnanasegaran G, Taylor A, Robertson A, Shabo G, Mulholland N, Sharp D, Lee E, Gibbs W, Morley A, Nunan T O Dept of Nuclear Medicine, Guys and St Thomas’ Hospital NHS Trust</td>
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<tr>
<td>11.00</td>
<td>Coffee and Exhibition</td>
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<tr>
<td>11.30</td>
<td>BNMS Annual Lecture – Approaches to Imaging Oncogene Expression (Auditorium)</td>
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<td>12.30</td>
<td>Technology Group AGM (Mancunian)</td>
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<td>12.30</td>
<td>Radiopharmacy Group AGM (Porters)</td>
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<td>12.30</td>
<td>Nurses AGM (Breakout rooms 6/7)</td>
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<tr>
<td>13.30</td>
<td>Escalating Demand for Application of Information System in a Clinical Environment Steele JJ, Masoomi M St. Mary’s Hospital, Portsmouth and Royal Hospital Haslar Gosport.</td>
</tr>
<tr>
<td>14.45</td>
<td>Wrist Registration Scintigraphy: Use by Specialist Hand Surgeons Mulholland NJR, Gnanasegaran G, Raman V, Clarke SEM, Poulsen B, Fogelman I Guys and St Thomas’ Hospitals NHS Trust</td>
</tr>
<tr>
<td>15.15</td>
<td>Bone SPECT following Spinal Surgery Ryan P, Agarwal A, Hammer A Medway Maritime Hospital</td>
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<tr>
<td>15.30</td>
<td>A Retrospective Study of GP Referrals for Undiagnosed Bone Pain in Patients at Risk of Metastatic Disease Khan S1, Oh TC2, Hill JC2, Coffey J1 Royal Preston Hospital1, Blackpool Victoria Hospital2, University of Salford1</td>
</tr>
<tr>
<td>15.45</td>
<td>Tc-99m Depreotide: A Potent Imaging Marker of the Activity of Bone Inflammation Papathanasiou N, Rondoyianni Ph, Pianou N, Skoura E, Vlontzou E, Datseris I Nuclear Medicine Department, “Evangelismos” General Hospital, Athens Greece</td>
</tr>
<tr>
<td>16.15</td>
<td>BNMS AGM (Porters)</td>
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<td>17.00</td>
<td>Close of Meeting</td>
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</table>
## Porters

### CARDIOLOGY II
Chairs: Dr M Harbinson, Dr A Kelion

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 09.00 | **43.** The Impact of Arrhythmias during Gated Myocardial Perfusion Tests: Is there a need to repeat the acquisition?  
Arunugam P, Herman K, Bradley A  
Manchester Royal Infirmary, Manchester |
| 09.15 | **44.** Patient Motion During Acquisition of Myocardial Perfusion SPECT Studies: When is Motion Correction Required?  
Cockburn KC, Wright GA, Tweddel AC, Avery G, Davies G  
Hull and East Yorkshire Hospitals NHS Trust |
| 09.30 | **45.** A Comparison of Six Reconstruction Methods for Myocardial Perfusion SPECT: An ROC Phantom Study  
Wright GA, Cockburn KC, Tweddel AC, Avery G, Davies G  
Hull & East Yorkshire Hospitals, UK |
| 09.45 | **46.** The Correlation of Ejection Fraction and End Systolic Volume in Gated SPECT: Should we report one or both?  
Peace RA, Lloyd JJ  
Regional Medical Physics Dept., Royal Victoria Infirmary, Newcastle upon Tyne |
| 10.00 | **47.** Does Attenuation Correction of Gated Tomographic Cardiac Blood Pool Studies Affect Left Ventricular Volumes and Ejection Fraction Values?  
Sundram F, Notghi A and Deakin A  
Department of Physics and Nuclear Medicine, City Hospital, Birmingham, |
| 10.15 | **48.** Comparison of First-pass and Tomographic Radionuclide Ventriculography for Right Ventricular Ejection Fraction Values  
Sundram F, Deakin A, Notghi A  
Department of Physics and Nuclear Medicine, City Hospital, Birmingham, |
| 10.30 | Coffee and Exhibition |
| 11.30 | BNMS Annual Lecture |
| 12.30 | Radiopharmacy AGM (Porters) |
| 12.30 | Technologists AGM (Mancunian) |
| 12.30 | Nurses AGM (Breakout rooms 6/7) |

### RADIOPHARMACY
Chairs: Mrs J Croasdale, Dr J Ballinger

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 13.30 | **49.** Alkoxysilane Groups for Instant Labelling of Biomolecules with F-18  
Choudhry U, Martin KE, Biagini S, Blower PJ  
Biosciences Dept and School of Physical Sciences, University of Kent, Canterbury |
| 13.45 | **50.** Lodogen Labelling Method Preserves Immunoreactivity of High Specific Activity I-131 Labelled Rituximab for Clinical RIT  
Du Y, Bayne M, Zivanovic M, Johnson PW, Illidge TM  
Institute of Nuclear Medicine, University College London, Cancer Sciences Division, University of Southampton and Cancer Studies Division, University of Manchester |
| 14.00 | **51.** Synthesis of Phosphonate Conjugates of Re-188-DMSA for Treatment of Bone Metastases  
Choudhry U, Blower PJ  
University of Kent, Canterbury |
| 14.15 | **52.** Comparison of Tc-99m-HYNIC and Tc-99m-Phenylhydrazine in Vitro Using a Gastrin Analogue  
King RC, Mather SJ, Blower PJ, Surfraz B  
Cancer Research UK, Department of Nuclear Medicine, St Bartholomew’s Hospital, London, Cancer Research Group, Department of Biosciences, University of Kent, Canterbury |
| 14.30 | **53.** Solid Phase Synthesis of Peptide Radiopharmaceuticals Using Fmoc-(Hynic-Boc)-Lysine, a Technetium-Binding Amino Acid  
Surfraz MB, King R, Mather SJ, Biagini S, Blower PJ  
School of Biosciences, The University of Kent, Canterbury, Department of Nuclear Medicine, St Bartholomew’s Hospital, School of Physical Sciences, The University of Kent, Canterbury |
| 14.45 | Tea and Exhibition |

### BREAKOUT ROOMS 6/7

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 15.00 | Invited Review  
PACS, RIS, HRG - The Brave New World or not?  
Chairs: Prof J Hill, Ms S Allen  
Mr D McCool  
Royal Free Hospital |
| 16.15 | BNMS AGM |
| 17.00 | Close of Meeting |

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34th Annual Meeting 27th-29th March 2006
Auditorium

**NEUROLOGY**

Chairs: Mrs M Burniston, Dr J Frank

Young Investigator’s Prize Entry

09.00 54. Radiological Features, Clinical Significance and Utility of DaTSCANS in the Management of a Typical Presentations Suspicious for Parkinson’s Disease

Cronin C, Ellis N, Lohan D, Counihan T, O’Keeffe D
University College Hospital, Department of Radiology & Neurology, Galway, Ireland

09.20 55. A rCBF Study of Hallucinations in Dementia

Staff RT¹, Benjamin K², Murray AD³, Gemmell HG¹, Wischik C²
¹Department of Bio-Medical Physics, Aberdeen Royal Infirmary. ²TauRx Therapeutics Pte Ltd, Institute of Medical Science, University of Aberdeen, ³Department of Radiology, University of Aberdeen,

09.35 56. Correlation Between Visual Interpretation and Quantification of DaTSCAN™ SPECT Imaging

Nafati A, Buscombe JR, Hilson AJW
Royal Free Hospital, London

09.50 57. DaTSCAN: Qualitative or Quantitative Interpretation in Parkinson’s Disease

Shabo G, Kettle AG, O’Doherty MJ
Guy’s & St Thomas’ Hospital, London

10.05 58. The 3D Fractal Dimension of DaTSCAN Images

Bolt L, Fleming JS, Kemp PM
Southampton University Hospitals NHS Trust

10.20 59. Dopamine Transporter Imaging of Tremulous Disorders

Hensman DJ¹, Bain PG², Frank JW³
¹Department of Clinical Neurosciences, Charing Cross Campus, Imperial College London, ²Department of Nuclear Medicine, Charing Cross Hospital, London

10.35 Coffee and Exhibition

**ONCOLOGY II**

Chairs: Prof AM Peters, Dr P Marsden

10.45 60. F-18 FDG PET-CT in Patients with Newly Diagnosed Pre-invasive Endobronchial Lesions

Kayani I¹, Groves AM², El PJ³, George J and Bomanji J
Institute of Nuclear Medicine, UCLH¹, London, Department of Respiratory Medicine² UCLH, London

11.00 61. A Comparison of C-11 Choline and F-18 FDG for Monitoring Response of Oesophageal Cancer to Chemotherapy

Welch A, Hammonds S, Schweiger L, Suttie S, & Park K
The John Mallard Scottish PET Centre, School of Medical Sciences, University of Aberdeen

11.15 62. FDG-PET for Prediction of Chemotherapy Response in Primary Breast Cancer Patients

McDermott GM¹, Welch A¹, Staff RT², Gilbert PJ¹, Schweiger L¹, Semple SK², Hutcheon AW¹, Miller ID², Smith IC² and Heys SD³
School of Medical Sciences¹, University of Aberdeen, Departments of Biomedical Physics & Bioengineering², Radiology³, Oncology³, Pathology³ and Surgery³, Aberdeen Royal Infirmary, Eli Lilly¹, Surrey

11.30 63. The Direct use of Combined F-18 FDG PET-CT Images in Radiotherapy Treatment Planning for Patients with Non-small-cell Lung Cancer

Carson KJ¹, Cosgrove VP¹, Zatari A², Eakin R¹, Clarke JC¹, Stewart DP², McAneese JJ¹, Fleming L¹, Hounsell AR¹, Jarrett PH¹, NI Regional Medical Physics Agency, Royal Victoria Hospital, Belfast¹, NI Regional Medical Physics Agency, Belvoir Park Hospital, Belfast¹, Dept of Clinical Oncology, Belvoir Park Hospital, Belfast¹ and Dept of Radiology, Royal Victoria Hospital, Belfast¹

11.50 64. FDG-PET for Prediction of Chemotherapy Response in Primary Breast Cancer Patients

McDermott GM¹, Welch A¹, Staff RT², Gilbert PJ¹, Schweiger L¹, Semple SK², Hutcheon AW¹, Miller ID², Smith IC² and Heys SD³
School of Medical Sciences¹, University of Aberdeen, Departments of Biomedical Physics & Bioengineering², Radiology³, Oncology³, Pathology³ and Surgery³, Aberdeen Royal Infirmary, Eli Lilly¹, Surrey

12.15 Presentation of Prizes

12.30 Highlights Lecture

Dr A Al-Nahhas
Hammersmith Hospital, London

13.15 Buffet Lunch Provided
(in Exhibition Hall)
Collection of CME/CPD certificates

14.00 Close of Meeting
**Mancunian**

**09.00** Specification and Application of SPECT/CT  
GE Healthcare, Mediso and Bartec Technologies, Philips Medical Systems, Siemens Medical Solutions  
Chair: Prof E D Williams

**GUIDELINES AND SERVICE DELIVERY**  
Chairs: Dr B Neilly, Mr M Avison

**10.15** 64. Evaluation of New Local Guidelines for Requesting Radiographs to Accompany Radionuclide Bone Scans  
Raw D, Prakash V, Hillel P, Lorenz E  
Sheffield Teaching Hospitals NHS Foundation Trust

**10.30** 65. Is Chest Radiography Triage in the Investigation of Suspected Pulmonary Embolism Helpful?  
Denison A, Brooks ME, Murray AD, Davidson J  
Aberdeen Royal Infirmary Dept of Nuclear Medicine

**10.45** 66. BTS Guidelines: Is Compliance Compatible with Service Provision?  
James JM, Al-Bahrani G, Prescott MC  
Manchester Royal Infirmary

**11.00** 67. Can Rapid Access to PET be Achieved with a Mobile Service?  
Dizdarevic S, Miles KA  
Brighton & Sussex University Hospitals NHIS Trust, Brighton & Sussex Medical School

**Porters**

**MULTIMODALITY**  
Chairs: Dr R Ganatra, Dr JRW Hall

**09.30** 68. Sentinel Lymph Node Biopsy and Ultrasound-guided Fine Needle Aspiration in Penile Carcinoma Patients: Preliminary Findings  
Departments of Nuclear Medicine, Urology and Ultrasound, St George's Hospital, London

**09.45** 69. Staging of Lung Cancer by CT, PET and PET/CT in the Same Patients  
Clauss RP, McAvinney R, Illsley M  
Nuclear Medicine Department, Royal Surrey County Hospital, Radiology Department, East Surrey Hospital, Oncology Radiotherapy, Royal Surrey County Hospital

**10.00** 70. CT scan and F-18 FDG Positron Emission Tomography (PET) in the Restaging of Lymphoma  
Challa R, Jayan R, Ramesh CN, Vinjamuri S  
Dept of Nuclear Medicine, Royal Liverpool University Hospital, BUPA, Murrayfield Hospital, Wirral

**10.15** 71. The Role of SPECT/CT in the Evaluation of the Painful Ankle and Foot  
Fielding PA, Rees J, Bartley LE, Facey PE, Jones J  
Radiology Service Centre, University Hospital of Wales, Cardiff

**10.30** Coffee and exhibition

**11.00** Impact of the Euroheart Survey in Women with Chronic Stable Angina  
Dr C Di Mario, Royal Brompton Hospital, Imperial College

**11.15** Risk Factors in Women with Coronary Heart Disease  
Professor J C Kaski, St. George's Hospital, London

**11.30** SPECT Imaging in Diabetic women – a High Risk Group  
Dr V Naidoo, Royal Brompton Hospital, London

**12.00** Intravascular Ultrasound in Women with CHD  
Dr J Wright, Liverpool

**12.15** Presentation of Prizes  
(Auditorium)

**12.30** Highlights Lecture  
(Auditorium)

**13.15** Buffet Lunch provided in Exhibition Hall

**14.00** Close of Meeting
POSTER PRESENTATIONS

P1  Comparison of Radioiodine with Radioiodine plus Lithium in the Treatment of Hyperthyroidism
Ahmed K1, Nijher GMK2, Bannerjee A3, Frank J4, Meeran K5
Endocrinology1, Nuclear Medicine2
Charing Cross Hospital, London

P2  Expression of an Anti-CD33 Single-Chain Antibody by Pichia Pastoris for Radioimmunotherapy of Acute Myeloid Leukaemia
Emersoner L.M, Trivett AJ, Blower PJ, Nicholls PJ
Department of Biosciences, University of Kent, Canterbury

P3  Case Report
The Value of Y-90 DOTA-Lanreotide Therapy in the Management of Neuroendocrine Tumours
Khan S, Win Z, Al-Nahhas A
Department of Nuclear Medicine, Hammersmith Hospital, London

P4  The Design of a Gated SPECT Cardiac Phantom for Assessing Ejection Fraction Estimates in MPI
Wilkinson AR1, Belton I1, Lawson R1
Cumberland Infirmary, Carlisle1 and Manchester Royal Infirmary1

P5  Myocardial Acquisition and Processing Parameters. 360° vs 180° and the Effect of Orbit Type, Re-centring and Reconstruction Algorithms
Avison MP
Bradford Royal Infirmary, Department of Medical Physics, Bradford

P6  Correlation of Lung/Heart Ratio of Post-Stress Tc 99m-Tetrofosmin in MPI with Extent of Perfusion Abnormalities in Patients
Paul AK, Singh A, Win Z, Murrell J, Towney D, Al-Nahhas A
Hammersmith Hospital, Department of Nuclear Medicine, London

P7  Assessing Function in Tc99m Myocardial Perfusion Scintigraphy: Local Normal Ranges or Published Values?
Hall DO1, Owens EJ2
Department of Medical Physics and Bioengineering1, Department of Radiology2, United Bristol Healthcare NHS Trust

P8  Myocardial Perfusion in Diabetics with Normal Coronary Arteriograms
Hull and East Yorkshire Hospitals

P9  Cardiac Volume Determination using Tomographic Equilibrium Radionuclide Angiography with Threshold Edge Detection
Clements IP, Mullan BP, Breen JF, McGregor CG
Mayo Clinic, USA

P10 Case Report
Tc-99m HMPAO Labelled Leukocyte Imaging using Planar Scintigraphy and SPECT in a Coronary Artery Myotic Aneurysm
Crawshaw J, Beharry N, Bassingham S, Smith EEJ, Bunce N
Departments of Nuclear Medicine, Surgery and Cardiology, St George's Hospital, London

P11 Quantifying Driver Exposure from Patients who have undergone FDG Scans
Ferris C, Girling M, Lowe J
Royal Free Hospital, London1 and Mount Vernon Hospital, London2

P12 Does Respiratory Effort have any significant influence on the Spatial Registration of the PET/CT on Lung Lesion?
Cheow HK, Winship A, Rankin S, Landau D, O'Doherty MJ
King's College School of Medicine at Guy's, King's College and St Thomas' Hospitals, London

P13 PET/CT in the evaluation of patients with Colon Carcinoma. Consideration for Surgical Resection of Solitary Metastasis in the Lung or Liver
Hill JC, Coffey JC, Kulshrestha, R
Lancashire Teaching Hospitals

P14 Determination of Target Volumes for External Beam Radiotherapy using F-18 FDG PET-CT images: Static and Dynamic Phantom Experiments
Zatari A, Carson K, Hounsell A, Cosgrove V, Jarrit P
1Medical Physics, Belvoir Park Hospital, Belfast
2Medical Physics, Royal Victoria Hospital, Belfast

P15 Comparison of 2D & 3D Image Quality for High Count Rate Brain Studies on the GE Discovery ST PET-CT Scanner
Schlefer P, Dunn J, Marsden P
King's College London School of Medicine at Guy's, King's College and St Thomas' Hospitals, London

P16 An Interpolation Method for Reconstruction of Data from Multilayer PET Systems
Mackewn JE, Schlefer P and Marsden P
King's College London School of Medicine at Guy's, King's College and St Thomas' Hospital, London

P17 Case Report
Investigation of the Role of Positron Emission Tomography in the Diagnosis of Aortic Graft Infection following Abdominal Aortic Aneurysm Repair: Preliminary Case Studies
# POSTER PRESENTATIONS

<table>
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<tr>
<th>Poster Number</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
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<tbody>
<tr>
<td>P18</td>
<td>F-18 FDG in the Diagnosis and Monitoring of Vertebral Osteomyelitis: A Comparison with MRI</td>
<td>Win Z1, O’Flynn L1, Singh A1, Khan S1,</td>
<td>1Department of Nuclear Medicine and Infectious Diseases, Hammersmith Hospital, London</td>
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<td>O’Rourke EJ1, Cook GS1, Friedland JS1, Al-Nahhas A1</td>
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<td>P22</td>
<td>A Fast Method for Calculation of Non-Uniformity in Nuclear Medicine Images by Fourier Transformation in Low Count Density</td>
<td>Rasaneh S1, Rajabi H1, Farsi Nejad MR</td>
<td>1Department of Medical Physics, School of Medical Sciences, Tarbiat Modarres University, Tehran-Iran</td>
</tr>
<tr>
<td>P23</td>
<td>An Audit of Soft Copy Display Screens used for the Reporting and Review of Images within a Nuclear Medicine Department</td>
<td>Ibbett D A</td>
<td>1Derbyshire Royal Infirmary</td>
</tr>
<tr>
<td>P24</td>
<td>A Quantitative Dual-Modality Approach to Quality Control in SPECT</td>
<td>Liveratos L1, Fernandez R1, Thomas MDR1,</td>
<td>1Department of Physics, Royal Marsden Hospital, Sutton, UK, 2Nuclear Medicine Dept, Royal North Shore Hospital, Sydney, Australia</td>
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<td>Bailey DL1</td>
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<td>P25</td>
<td>Role of Tc 99m-MAG3 Renal Scintigraphy in Detecting Cisplatin-Induced Renal Tubular Toxicity</td>
<td>Zehra T1, Schaib M1, Saeed S1, Khan AN1,</td>
<td>1Nuclear Medicine, Oncology &amp; Radiotherapy Institute, Islamabad, Pakistan, Pakistan Institute of Engineering &amp; Applied Sciences, Islamabad, Pakistan, and North Manchester General Hospital</td>
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<td>Jafari RAI1</td>
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<td>P26</td>
<td>Audit of Paediatric DMSA Scanning – Are we still scanning too many too prematurely? A local experience</td>
<td>Jefferson NR, Owens EJ, Dunlop D</td>
<td>1The Royal United Hospital, Bath</td>
</tr>
<tr>
<td>P27</td>
<td>Comparison of Geometric Mean with Posterior View Renography in the Assessment of Renal Function</td>
<td>Fleming JS</td>
<td>1Southampton University Hospitals NHS Trust</td>
</tr>
<tr>
<td>P28</td>
<td>Sцинтіграфічна оцінка функції жовчних шлухоутів у пострадійних хворих на глиомі. A Randomized Study Comparing Direct and Antirefluxive Uretero-intestinal Anastomosis in Orthotopic Ileal Neobladder.</td>
<td>Gad H1, Abdel-Latif M1, Musbah A, Shaban A</td>
<td>1Urology and Nephrology Center, Mansoura University, Egypt</td>
</tr>
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<td>P29</td>
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<td>1Department of Nuclear medicine, Royal Liverpool University hospital, Department of Neurosurgery, Walton Neurocentre, Liverpool</td>
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### TECHNOLOGIST POSTERS

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FINDING YOUR WAY AROUND MANCHESTER

The Manchester International Convention Centre

The Manchester International Convention Centre is shown as “MICC” near to the middle of the accompanying map of Manchester City Centre. It is adjacent to the GMEX exhibition centre (built in the old Central Railway Station). Both centres are located in the Peter’s Fields area of the city. The entrance to the MICC is in Windmill Street, which runs between Lower Mosley Street and Peter Street, behind the Midland Hotel. If you can find the entrance to the GMEX centre, then the MICC is just on its right. However don’t walk up the ramp, but keep to the pavement, because the entrance is at street level.

By Car:

Head for the city centre and follow the brown tourist signs towards the Castlefield area. As you get closer, follow signs for Peter’s Fields and eventually GMEX instead. See below for detailed directions.

Car parking at GMEX:

Parking Vouchers can be purchased in advance – DEADLINE DATE 17 March 2006 at £6.00 per day including VAT. Download a form from the BNMS website www.bnms.org.uk/forthcoming events

Detailed directions:

The following directions assume that you wish to park in the Great Northern car park.

From the north east and east, leave the M62 at junction 18 and take the M60 (East). Leave the M60 at the next exit, junction 19, and follow the A576 towards Manchester. In 2 miles turn left onto the A665. After a further 2 miles this brings you onto the city centre map at Cheetham Hill Road. When you reach the Inner Ring Road turn right along Trinity Way. After crossing Chapel Street (A6) and going under the railway bridge keep straight on down Quay Street. In 1 mile turn right into Deansgate and then first left into Great Bridgwater Street where the car park is on the left.

From the south, leave the M6 at junction 19 and take the A356 towards Manchester. In 4 miles join the M56 towards Manchester. At the end of the M56 keep straight ahead onto the A5103. After 5 miles this brings you onto the city centre map at Princess Road. At the roundabout under the Mancunian Way go straight on, and then in 1 mile turn left under the green tramway bridge into Great Bridgwater Street. The Great Northern car park is on the right.

By Air:

Manchester Airport has a frequent train service into the city centre with a journey time of about 15 minutes. Either take a train to Piccadilly Station or Victoria Station and then take the Metrolink tram above, or travel to Deansgate Station and walk.

The Metrolink tram

The Metrolink tram system runs through the city centre from Bury in the North, to Altrincham in the South and to Eccles in the West. St Peter’s Square is the nearest stop to the Convention Centre. From there walk down Lower Mosley Street with the Midland Hotel on your right. After passing the Midland Hotel you can’t miss the GMEX centre, and the MICC is on its right. However, don’t walk up the ramp, but keep to the pavement, because the entrance to MICC is at street level.

These vouchers are valid for GMEX car parks as follows:

UNDERCROFT CAR PARK
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Access from Albion Street (Trafford Street) 07.30 – 21.00 (or 1 hour after close of conference, if later)

In the unlikely event that both these car parks are full and you have purchased vouchers in advance, parking is available at the Great Northern Car park. Please report to Customer Services at the car park (located by the barrier) who will arrange entry.

By Rail:

Manchester Deansgate Station is about ¼ mile from the Convention Centre and has a walkway to the MICC round the back of GMEX. However this leads to a back entrance which is not easy to find. If you arrive at Piccadilly Station or Victoria Station it is easier to take a Metrolink tram and alight at St Peter’s Square, which is only 3 minute walk from the Convention Centre (see above).
FINDING YOUR WAY AROUND MANCHESTER

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To Bury

From M60 Junction 9 via
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From M60
Junction 17

From M62
Junction 18 to
M60 (East)

From M62
Junction 12 via
M602

From M62
Junction 2 to A380

From M6 Junction
30 to M61

From M61
Junction 2 to A380

To Eccles and
Altrincham

Manchester Airport

From M56
Junction 19 via
A556 and M56

Salford Central Station

Victoria Station

Oxford Road Station

Piccadilly Station

Mosley Street

Market Street

Piccadilly Gardens

Manchester Airport From M56
Junction 19 via A556 and M56

To Eccles and Altrincham

From M6 Junction 30 to M61

From M61 Junction 2 to A380

To Bury

From M60 Junction 9 via
A576

From M60 Junction 17

From M62 Junction 18 to
M60 (East)

From M62 Junction 12 via
M602

From M62
Junction 2 to A380

From M60
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M60 (East)

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**Posters**

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**34th Annual Meeting 27th-29th March 2006**
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*Stop Press*

Sign up for full BNMS membership at the Conference and receive Nuclear Medicine Communications from April to September 06 free of charge. In order to take advantage of this offer, please complete the above membership form and monthly direct debit form (available from the Registration desk). Your direct debit payments will not begin until October 2006.
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