MONDAY 2 JUNE 2008

14.30–16.30 Registration
16.30–16.45 Welcome address — Auditorium
   Professor Alan Cameron, President, British Maternal & Fetal Medicine Society

Session 1 (Auditorium): Neonatal Young Investigator Presentations
   Chairs: Professor Andrew Whitelaw, President Neonatal Society
          Miss Tina Pollard, Chair, Neonatal Nurses Association

16.45–17.10 NNA Draeger Scholarship Award Presentation
   Managing the infant with necrotising enterocolitis post surgery, in preparation for transfer to the local hospital or to home
   Mrs Anne Aspin, Nurse Consultant Neonatal Surgery, Leeds General Infirmary

17.10–17.50 NNS Young Investigator Presentation
   The influence of birth weight and genotype on adipose tissue development: long term consequences for later obesity
   Dr Alison Mostyn, Lecturer in Biological Sciences, School of Nursing, Nottingham University

Session 2 (Auditorium): The BAPM Founders’ Lecture
   Chair: Professor Neil Marlow, President, British Association of Perinatal Medicine

18.00–19.00 Placental insufficiency — will it be preventable by 2010?
   Professor John Kingdom, Professor of Obstetrics & Gynaecology, Mount Sinai Hospital, Toronto, Canada

19.00–20.00 Welcome reception — Harrogate International Centre Exhibition Hall

TUESDAY 3 JUNE 2008

08.00–08.30 Registration

Session 3 (Auditorium): The Tizard Lecture
   Chairs: Professor Howard Clark, Southampton
           Mr Tim Overton, Bristol

08.30–09.30 Lung surfactant: protecting alveolar stability and sterility
   Professor Sam Hawgood, Professor of Pediatrics, University of California, San Francisco, USA

09.30–10.00 The sequelae of assisted reproduction techniques
   Professor Siladipta Bhattacharya, Professor in Reproductive Medicine, Aberdeen Maternity Hospital, Aberdeen, UK

10.00–10.30 Coffee, exhibition and poster viewing — Exhibition Hall

Session 4: Parallel Sessions
10.30–12.30

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<th>Session 4A</th>
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<td>BMFMS: Fetal Medicine (Auditorium)</td>
<td>BAPM/NNS: Brain (Queen’s Suite A)</td>
<td>NNA: Positive Parenting (Queen’s Suite B)</td>
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Abbreviations

BAPM British Association of Perinatal Medicine
NNA Neonatal Nurses Association
BMFMS British Maternal & Fetal Medicine Society
### Session 4A (Auditorium)

**BMFMS: Fetal Medicine**

**Chairs:** Dr Gerald Mason, Leeds  
Dr Bill Martin, Birmingham

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<th>Time</th>
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| 10.30–11.15 | Genetic imprinting                                                    | Professor Mark Hughes  
*Director, Genesis Genetics Institute; Director, Applied Genomics Technology Centre, Detroit, USA*
| 11.15–11.25 | Local delivery of vascular endothelial growth factor adenovirus to the uterine artery increases vasorelaxation and blood flow to the pregnant sheep uterus long term | K Abi Nader *et al*  
Abstract 4.1 |
| 11.25–11.35 | Amniocentesis for soft markers: a 6-year review 2000–95                | EM Knox *et al*  
Abstract 4.2 |
| 11.35–11.45 | Fetal troponin-T and pro-brain natriuretic peptide in fetuses of mothers with type 1 diabetic | N Russell *et al*  
Abstract 4.3 |
| 11.45–11.55 | Three-stage contingency screening for Down’s syndrome: the Stafford pilot | J Gardosi *et al*  
Abstract 4.4 |
| 11.55–12.05 | DNA microarrays in the investigation of abnormal antenatal ultrasound: a prospective pilot study | KE Cohen *et al*  
Abstract 4.5 |
| 12.05–12.15 | Gastroschisis in the United Kingdom: a prospective national study of prevalence, management and outcomes using obstetric, paediatric surgical and congenital anomaly reporting systems | M Knight  
Abstract 4.6 |

### Session 4B (Queen’s Suite A)

**BAPM/NNS: Brain**

**Chair:** Dr Anoo Jain, Bristol

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| 10.30–10.45 | Neonatal resuscitation and childhood cognitive outcomes               | DE Odd *et al*  
Abstract 4.7 |
| 10.45–11.00 | Extremely preterm children at 11 years: how do they fare at school?  | S Johnson *et al*  
Abstract 4.8 |
| 11.00–11.15 | Pattern and timing of brain injury on admission scans assessed using cranial ultrasound in infants with neonatal encephalopathy compared with low-risk infants in Mulago University Hospital, Kampala, Uganda | CF Hagmann *et al*  
Abstract 4.9 |
| 11.15–11.30 | Proton magnetic resonance spectroscopy and the fetal brain in normally grown and growth-restricted fetuses | L Story *et al*  
Abstract 4.10 |
| 11.30–11.45 | Treatment with cooling following perinatal asphyxia: preliminary data from the UK Toby Cooling Register | BW Strohm *et al*  
Abstract 4.11 |
| 11.45–12.00 | A randomised pilot feasibility study of therapeutic hypothermia for neonatal encephalopathy in a low-resource setting in equatorial Africa | NJ Robertson *et al*  
Abstract 4.12 |
| 12.00–12.30 | Neuroprotection after hypothermia                                     | Professor Pierre Gressens, *Consultant in Paediatric Neurology, Robert Debre Hospital, Paris, France* |
Session 4C (Queen’s Suite B)

NNA: Postive Parenting

Chairs: Mrs Sarah Kent, Northampton
        Mrs Dee Beresford, Nottingham

10.30–11.05 Parenting programme – development care: a UK vision
Mrs Chrisiss Israel, Developmental Care Specialist Nurse, Southmead Hospital, Bristol; Ms Jane Abbott, Head Of Innovation Bliss, London; Dr Ezam Matali, Consultant Neonatologist, Northwick Park Hospital, Harrow

11.15–12.15 How many mountains can they climb?
Mr Ian Woodroffe, Counsellor Psychological Support Neonatal Services, Addenbrookes Hospital, Cambridge

12.15–12.30 A critical incident reporting system and an analysis of critical incidents in a level 3 neonatal intensive care unit
JA Foy et al
Abstract 4.13

12.30–14.00 Lunch, exhibition and poster viewing — Exhibition Hall

13.00–14.00 Lunchtime neonatal poster walks — Level 5
13.00–13.50 Lunchtime meet the experts sessions:

A. Big mums and big babies (Queen’s Suite A)
   Dr Siohban Quenby (Liverpool) & Dr Tracey Johnston (Birmingham)

B. Shoulder dystocia (Conference Suite)
   Dr Tim Draycott (Bristol) & Dr Mike Geary (Dublin, Ireland)

C. Genetics – new techniques for the 21st century (Queen’s Suite B)
   Professor Mark Hughes (Detroit, USA)

D. Fetal & long term consequences of ventriculomegaly (Auditorium)
   Dr Stephen Sturgiss (Newcastle Upon Tyne) & Miss Maria Cartmill (Nottingham)

Session 5 (Auditorium): Fetal Growth Restriction

Chairs: Professor Steve Robson, Newcastle Upon Tyne
        Dr Helen Budge, Nottingham

14.00–14.30 Is catch up growth good for you?
Dr Jonathan Wells, Reader in Pediatric Nutrition, Institute of Child Health, London

14.30–15.00 Does fetal growth restriction affect long term neurocognitive outcomes?
Professor Neil Marlow, Professor of Neonatal Medicine, Queen’s Medical Centre, Nottingham

15.00–15.30 Tea, exhibition and poster viewing — Exhibition Hall

Session 6: Parallel sessions
15.30–17.00

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<td>BAPM/NNS: Lungs and Infection (Queen’s Suite A)</td>
<td>NNA: Developmental Care (Queen’s Suite B)</td>
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Session 6A (Auditorium)

BMFMS: Pregnancy Outcome

Chairs: Dr Richard Smith, Norwich
        Mr Myles Taylor, Exeter

15.30–16.00 Older mothers
Dr Susan Bewley, Consultant Obstetrician, St Thomas’ Hospital, London

16.00–16.10 The relation between social deprivation and stillbirth causes
A Tang et al
Abstract 6.1
16.10–16.20 Adverse perinatal outcomes and risk factors for pre-eclampsia in women with chronic hypertension: a prospective study
L C Chappell et al
Abstract 6.2

16.20–16.30 Teenage pregnancy and micronutrient status: a study of 500 pregnant teenagers from two UK inner city populations (the ATE study)
L Poston et al
Abstract 6.3

16.30–16.40 Maternal obesity and the risk of stillbirth in small-for-gestational age babies identified by customised birthweight centiles
J Gardosi et al
Abstract 6.4

16.40–16.50 Maternal and obstetric associates of being in good condition following singleton extremely preterm birth
Z Alfirevic et al
Abstract 6.5

Session 6B (Queen’s Suite A)
BAPM/NNS: Lungs and Infection
Chair: Dr Bryan Gill, Leeds

15.30–15.45 A randomised comparison of wide versus narrow saturation monitor alarm limits for controlling oxygen therapy in preterm infants
SS Bhushan et al
Abstract 6.6

15.45–16.00 Comparison of left and right ventricular function in term and preterm neonates using tissue doppler imaging
RJS Negrine et al
Abstract 6.7

16.00–16.15 Low cord blood monocytes MHC class II expression is associated with sepsis in term and preterm neonates
M Azizia et al
Abstract 6.8

16.15–16.30 Ureaplasma spp or bacterial colonisation are associated with the development of chronic lung disease of prematurity
NC Maxwell et al
Abstract 6.9

16.30–17.00 Long term respiratory outcome of premature birth – are we making it worse?
Professor Anne Greenough, Professor of Neonatology & Clinical Respiratory Physiology, King’s College London

Session 6C (Queen’s Suite B)
NNA: Developmental Care
Chair: Miss Tina Pollard, Chair, Neonatal Nurses Association

15.30–16.30 Perinatal neuroscience and skin-to-skin contact
Dr Nils Bergman, Consulting Public Health Physician, Cape Town, South Africa

16.30–16.45 Neonatal nurses’ attitudes towards extremely low gestation infants
K Gallagher et al
Abstract 6.10

16.45–17.00 “The promise of catch-up”: maternal expectations regarding the notion of “catch-up” in the development of prematurity born infants
SV Manns
Abstract 6.11

17.00–18.00 AGM for BMFMS — Auditorium
19.30–23.00 Conference reception and dinner
Old Swan Hotel, Harrogate
**WEDNESDAY 4 JUNE 2008**

08.30–09.00  Registration

**Session 7 (Auditorium): Perinatal Inflammation**  
**Chairs:** Professor Alan Cameron, Glasgow  
Dr Jag Ahluwalia, Cambridge

**BMFMS Society Lecture**

09.00–09.40  Pathways leading to preterm birth: implications for prevention and treatment  
Professor Steve Thornton, *University of Warwick and University Hospital Coventry*

09.40–10.20  Perinatal inflammation and central nervous system injury  
Professor Olaf Dammann, *Research Professor, Tufts University, Director of Clinical Research, Newborn Medicine Floating Hospital For Children, Boston, USA*

10.20–10.50  Coffee, exhibition and poster viewing — Exhibition Hall

**Session 8: Parallel Sessions**

10.50–12.30

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<td><strong>BAPM/NNS: Resuscitation, Early Care and Prematurity (Queen’s Suite A)</strong></td>
<td><strong>NNA: Feeding Difficulties (Queen’s Suite B)</strong></td>
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**Session 8A (Auditorium): BMFMS: Maternal Medicine**  
**Chairs:** Professor Fionnuala Mcauliffe, Dublin  
Dr Margaret Ramsay, Nottingham

10.50–11.20  Type II diabetes in pregnancy  
Mr Andrew Dawson, *Consultant Obstetrician, Nevill Hall Hospital, Gwent Healthcare NHS Trust*

11.20–11.50  Pre-eclampsia  
Dr Michael Belfort, *Director of Perinatal Research & Fetal Therapy, HCA, Nashville TN, Salt Lake City, USA*

11.50–12.00  Vascular endothelial growth factor165b and pre-eclampsia  
VL Bills *et al*  
Abstract 8.1

12.00–12.10  Haemodynamic and placental markers to predict pre-eclampsia  
A Khalil *et al*  
Abstract 8.2

12.10–12.20  Minimally invasive haemodynamic monitoring accurately demonstrates the profound cardiovascular effects of a 5-unit syntocinon bolus at caesarean section  
A Carlin *et al*  
Abstract 8.3

12.20–12.30  Hyperemesis in pregnancy study: a randomised controlled trial of midwife-led “outpatient” care  
C McParlin *et al*  
Abstract 8.4

**Session 8B (Queen’s Suite A): BAPM/NNS: Resuscitation, Early Care and Prematurity**  
**Chair:** Professor David Field, Leicester

10.50–11.05  Epicure 2: interventions to stabilise extremely preterm babies at birth  
K Costeloe *et al*  
Abstract 8.5
### Programme

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<tr>
<td>11.05–11.20</td>
<td>Sex-specific differences in circulating carbon monoxide and the increased incidence of hypotension in male preterm infants&lt;br&gt;MJ Stark et al&lt;br&gt;Abstract 8.6</td>
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<td>11.20–11.35</td>
<td>Predicting neonatal mortality: a comparison of the CRIB-II score with and without temperature at admission&lt;br&gt;BN Manktelow et al&lt;br&gt;Abstract 8.7</td>
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<td>11.35–11.50</td>
<td>The bliss cluster randomised controlled trial of the effect of “active dissemination of information” on standards of care for premature babies in England (BEADI)&lt;br&gt;D Acolet et al&lt;br&gt;Abstract 8.8</td>
</tr>
<tr>
<td>11.50–12.30</td>
<td>Patterns of outcome at borderline viability&lt;br&gt;Professor Kate Costeloe, Professor of Paediatrics, Homerton Hospital NHS Foundation Trust, London</td>
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### Session 8C (Queen’s Suite B)

**NNA: Feeding Difficulties**

**Chair**: Mrs Ruth Moore, Vice Chair, Neonatal Nurses Association

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<td>10.50–11.50</td>
<td>Supporting preterm breast feeding&lt;br&gt;Ms Anne Aloysius, Specialist Speech &amp; Language Therapist, Queen Charlottes &amp; Chelsea Hospital, London&lt;br&gt;Ms Liz Jones, Mphil, Registered Nurse, Registered Midwife, University Hospital Of North Staffordshire, Stoke-On-Trent</td>
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<tr>
<td>11.50–12.15</td>
<td>Impact of prebiotic supplementation in preterm nutrition&lt;br&gt;Professor Walter A Mihatsch, Associate Professor at ULM University &amp; Head of Department of Paediatrics, Schwäbisch Hall Deaconry Hospital, Germany</td>
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<tr>
<td>12.15–12.30</td>
<td>Nasal injuries in preterm infants associated with continuous positive-airways pressure&lt;br&gt;EA Alsop et al&lt;br&gt;Abstract 8.9</td>
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<td>12.30–14.00</td>
<td>Lunch, exhibition and poster viewing — Exhibition Hall</td>
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<tr>
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<td>BMFMS/Neonatal poster prize presentation walks — Level 5</td>
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<td>13.00–13.50</td>
<td>Lunchtime meet the experts sessions&lt;br&gt;E. Pre-eclampsia (Queen’s Suite A)&lt;br&gt;Dr Michael Belfort (Salt Lake City, USA) &amp; Dr Steve Yentis (London)&lt;br&gt;F. Fetal &amp; neonatal consequences of premature rupture of membranes (Auditorium)&lt;br&gt;Dr Alison Bedford-Russell (Birmingham) &amp; Dr Sarah Vause (Manchester)&lt;br&gt;G. Optimising neonatal intensive care unit transfer (Conference Suite)&lt;br&gt;Dr Andy Leslie (Nottingham) &amp; Dr Steve Kempley (London)&lt;br&gt;H. Hypothermia as a standard of care (Queen’s Suite B)&lt;br&gt;Professor Malcom Levene (Leeds) &amp; Dr James Tooley (Bristol)</td>
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### Session 9: Parallel Sessions

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<td>14.00–15.30</td>
<td>BMFMS: Labour and Delivery (Auditorium)&lt;br&gt;BAPM/NNS: Nutrition (Queen’s Suite A)&lt;br&gt;NNA: Surgical Interventions (Queen’s Suite B)</td>
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Session 9A (Auditorium)

BMFMS: Labour and Delivery

Chairs: Dr Lucy Kean, Nottingham
Dr Tracey Johnston, Birmingham

14.00–14.10 Myometrial contractility studies in diabetic pregnant women
S Alqahtani et al
Abstract 9.1

14.10–14.20 A physiological approach to stimulating labour: pulse, a randomised controlled trial of pulsatile versus continuous oxytocin administration
RM Tribe et al
Abstract 9.2

14.20–14.30 Resident obstetric consultant cover: does it make a difference to the vaginal delivery rates or perinatal morbidity?
A Green et al
Abstract 9.3

14.30–14.40 The effect of barusiban on plasma concentrations and uterine contractility in threatened preterm labour: a randomised, double-blind, placebo-controlled trial
S Thornton et al
Abstract 9.4

14.40–14.50 WITHDRAWN
Abstract 9.5

15.00–15.30 Past, present and future of fetal monitoring in labour
Professor Gerald HA Visser, Professor of Obstetrics, Head of Dept University Medical Centre, Utrecht, The Netherlands

Session 9B (Queen’s Suite A)

BAPM/NNS: Nutrition

Chair: Professor Anne Greenough, London

14.00–14.15 Differential effects of maternal nutrient restriction on inflammation in renal and adipose tissue in obese juvenile offspring: the role of TLR4 and CCR2
D Sharkey et al
Abstract 9.6

14.15–14.30 The effect of caesarean section and a single enteral feed on liver metabolism in response to total parenteral nutrition
MJ Hyde et al
Abstract 9.7

14.30–15.00 How fast should we make preterm babies grow?
Professor Neena Modi, Professor of Neonatal Medicine, Imperial College London

15.00–15.15 Does postnatal growth affect post-discharge morbidity in preterm infants?
ST Dharmaraj et al
Abstract 9.8

15.15–15.30 The EPICure study: longitudinal growth measurements over an 11-year follow-up period
JA Fawke et al
Abstract 9.9

Session 9C (Queen’s Suite B)

NNA: Surgical Interventions

Chair: Mrs Jackie Stretton, Solihull

14.00–14.35 Surgical management of necrotising enterocolitis
Mr Naved Alizai, Consultant Paediatric Surgeon, Leeds General Infirmary, Leeds
14.35–15.00 First impressions: the experiences and perceptions of fathers of their first visit to the neonatal unit
ME Harvey et al
Abstract 9.10

15.05–15.30 Nursing workload in UK tertiary neonatal units
DWA Milligan et al
Abstract 9.11

15.30–15.45 Session break

Session 10: Discussion: “Has Patient Choice Gone Too Far?” Views From Other Disciplines (Auditorium)
Chairs: Professor Neil Marlow (Nottingham)
Professor Alan Cameron (Glasgow)

15.45–16.45 Caesarean section
Lead speaker: Dr Ray Noble, Senior Lecturer in Medical Ethics, University College London
Borderline viability
Lead speaker: Professor David Archard, Professor of Philosophy and Public Policy, Furness College, Lancaster

16.45–17.00 Presentation of prizes

17.00 Close of meeting