

Janet Mary Rennie

MA, MD, FRCP, FRCPCH, DCH, FRCOG *ad eundem*.

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Janet Mary Rennie

Date of Birth: 2nd December 1954

Place of Birth: Bromborough, England

Nationality: British

Civil Status: Married to Ian Watts, MA M Phil. No children.

Societies: Neonatal Society Committee member 1992-93
Meetings Secretary 1993-95
General Secretary 1995-97
Paediatric Research Society (until 1999)
British Association of Perinatal Medicine (exec committee 1991-01)
British Medical Association, Royal Society of Medicine
British Medical Ultrasound Society
Maternal and Fetal Medicine Society
The Academy of Experts

Editorial Boards: Archives of Disease in Childhood
Board member 1991-93, Associate Editor 1993-99
Deputy Editor 1999-2001
Midwifery 1989-93; MacKeith Press 2005- 2014

Advisory Boards: Midwives Information Service (MIDIRS) 1989-1999
Foundation for the Study of Infant Deaths (FSID) 1992-1998
"Changing Childbirth" 1995-97
External reference group on NIC, National Framework for Children 99-00
National Patient Safety Agency's External Reference Group for Children 2004-5
NHS Redress scheme reporting to the Chief Medical Officer 2006
British Paediatric Formulary Committee 2007-2011

Committees: Academic Board, RCPCH 98-01
Royal College of Paediatrics and Child Health CSAC 1998-05
(CSAC Chairman from September 2001 - 2005)
RCPCH Specialty Board 1999-2005
British Association of Perinatal Medicine Executive Committee 91-01
BAPM Clinical Trials Group 1998-2001
PHLS Group B Streptococcus Advisory Group 1996-2003
Chairman, Data Monitoring Committee, CANDIA Trial 1999
CNST Maternity Standards Steering Group 2001-3
RCOG working party on "Safer Childbirth" 2006-7
RCOG working party on "Standards for maternity care" 2007-8
RCOG/RCPCH ethics committee 2012-2013
Chair NICE guideline development group, neonatal jaundice, 2008-10
NICE advisory committee on neonatal jaundice 2013-2015
BAPM Working group on Early Warning systems 2013-2014
BAPM advisory panel on congenital diaphragmatic hernia 2013
Data monitoring committees, STAMP trial, NEST trial 2011-, RESPITE
Chair, Jaundice Working Group, Patient Safety NHS England 2015-17
(National NHS "ATAIN" programme for reducing term admissions)
NICE – Panel of Expert advisers to the Centre for Clinical Practice 2016

Chair NICE guideline development group, neonatal care, 2017-
NHS Resolution – early notification scheme, advisor 2017-

Referee for:

Archives of Disease in Childhood, The Lancet, BMJ, Scope, Action Research,
Journal of Physiology, MRC, Pediatric Research, European Journal of Paediatrics,
FSID, Early Human Development, BJOG, Wellbeing, Children Nationwide,
Developmental Medicine & Child Neurology, Acta Paediatrica, Pediatrics,
Journal of Pediatrics, Sparks, NIHR, Wellcome Trust.

Qualifications

I am a registered UK Medical Practitioner who qualified with Honours from the University of Sheffield in 1978. I was admitted to the Membership of the Royal College of Physicians in 1981, and I was elected to a Fellowship in 1994. The Joint Committee on Higher Medical Training accredited me as a practitioner in Perinatal Paediatrics in 1987. I hold an MD degree from the University of Sheffield (1986), an honorary MA from the University of Cambridge (1994), and the Diploma in Child Health (1982). I am a Fellow of the Royal College of Paediatrics and Child Health. I was elected a Fellow *ad eundem* of the Royal College of Obstetricians and Gynaecologists in 2008. I revalidated with the GMC in October 2018.

Experience

I am an honorary Consultant Neonatologist with a special interest in brain injury in babies. I was Lecturer in Paediatrics, University of Cambridge (1985-1987), and then held a Consultant appointment in Cambridge until 1995. Whilst in Cambridge I was also Director of Medical Studies at Girton College. I held an appointment as Consultant in Neonatal Medicine at King's College Hospital in London from 1995-2004. I held a similar post at University College London Hospitals where I was Clinical Lead in Neonatology. I retired from clinical work in December 2018 but continue to carry out research and teaching. I have contributed chapters to many books. I co-authored "Manual of Neonatal Intensive Care 4th Edition" with Dr NRC Robertson, and the 5th Edition with Dr Giles Kendall (2012). I am the sole editor of "Rennie & Robertson's Textbook of Neonatology 5th Edition". I was the sole author of "Neonatal Cranial Ultrasound", and co-author of the updated version entitled "Neonatal cerebral investigation".

I am involved in research into neonatal brain injury, and have published many papers on this topic. Our group recently completed work on automated seizure detection supported by a Wellcome technology transfer grant. We held a Wellcome grant for further work, using EEG as part of a neonatal brain health index. I was a co-investigator in a European study (FP-7 "NEMO") of antiepileptic drug treatment of neonatal seizures. I was on the board of the Archives of Disease in Childhood for ten years and served on the national executive committee of the British Association of Perinatal Medicine for a similar length of time. I served on the board of the Mac Keith Press for 9 years. I was the Chair of the RCPCH Specialist Advisory Committee, responsible for setting standards regarding training in neonatal medicine in the UK, from 2002 to 2005, having been on the committee since 1997. I have advised CESDI, and RCOG-led advisory groups on "Safer Childbirth" and "Standards for Maternity Care". I was Chair of the NICE guideline development group on neonatal jaundice 2007-10, Chair of the GDG on Specialist neonatal respiratory care (2017-2020). I was Chair of the Jaundice group of the successful NHS England programme ("ATAIN"). I am a member of the Neonatal Society (I was the secretary), the Royal Society of Medicine, and the British Medical Ultrasound Society. I have 35 years of experience in medico-legal work. I advise solicitors acting for Claimants and Defendants in approximately equal numbers, and have given evidence in Court on over 40 occasions both in the UK and abroad. I am a founder member of the Expert Witness Institute, and an approved member of the Academy of Experts.

EDUCATION

School: The Belvedere School GPDST,
Liverpool 8.
Head Girl 1972-3.
Form Prizes,
Belvedere Cup for Service to the School,
Stephenson Prizes for Chemistry, Physics and Biology.

University: University of Sheffield Medical School.

Degree of MB ChB with Honours, 1978

(6 honours degrees awarded to a class of 120).

Distinctions in Paediatrics, Psychiatry, Medicine.
Honours in Dermatology.
Sigmund Shultz Prize in Obstetrics and Gynaecology.
Pleasance Prize in Paediatrics.
Best Student Medal, Final MB Part II.

Editor, assistant Editor of Northwing Magazine 1975-77.
Vice President of the Medical Society 1977-78.

Postgraduate Qualifications:

1981	Membership of the Royal College of Physicians
1994	Elected to the Fellowship of the Royal College of Physicians
1982	Diploma of Child Health
1986	Doctor of Medicine, University of Sheffield "The stable metabolite of prostacyclin in LBWI"
1987	Accreditation in Perinatal Paediatrics, JCHMT
1994	Honorary MA, Cambridge University.
1997	Fellow of the Royal College of Paediatrics and Child Health

2008

Fellow *ad eundem* of the Royal College of Obstetricians and Gynaecologists

Post October 2004–December 2018

Consultant in Neonatal Medicine, University College London Hospitals

Silver merit award, previously “B” merit award

I have very wide clinical experience, with over 30 years in neonatal practice and a knowledge base supplemented by editing and writing textbooks of neonatology. My advice is often sought by other consultants, many of whom were former trainees of mine. I enjoy conducting teaching ward rounds, and motivating a team. I retain my enthusiasm for neonatology which is a challenging but enjoyable area of clinical medicine. Together with experts in fetal medicine (previously Prof Lyn Chitty, now Prof Donald Peebles and Mr Pran Pandya) I built up a service to counsel parents whose fetus is thought to have a brain abnormality, and we now have considerable experience with antenatal MRI.

Research

My research interests have always been firmly based in neonatal neurology, and over the years I have aimed to design research projects to give answers to clinically important questions. I used EEG video telemetry in conjunction with Doppler ultrasound measurement of cerebral blood flow velocity. This combination proved to be a useful non-invasive method with which to study dynamic changes in the cerebral circulation. I was responsible for a clinical trial comparing the responses to anticonvulsant treatments in the newborn, and a randomised study of second line anticonvulsant treatment. We have worked on comparisons between full EEG and the widely used cerebral function monitor (CFM), in order to provide guidance to those without access to expert EEG reporting. Geraldine Boylan, my former research fellow, was awarded her PhD without any corrections being required and she is now a Professor leading her own research programme in Ireland; her success gives me great pleasure. We continue to collaborate and our group was awarded two large technology transfer grants from the Wellcome Trust in order to work on our automated seizure detection system. The latest grant (DELPHI) is to develop an index of brain health using cotside methods.

Recent funding

Wellcome Trust 2008 “Development and validation of clinically robust neonatal seizure detection systems” Dr Marnane, Dr Boylan, Dr Lightbody and Dr Rennie £581,562.

Wellcome Trust 2012 Strategic Translation Award "Multicentre clinical evaluation of a neonatal seizure detection algorithm" Drs Marnane, Lightbody and Rennie, Prof Boylan. €3,090,470

FP7-HEALTH-2009-4.2-1: NEMO study = Neonatal seizure and Epilepsy treatment with Medication Off-patent Multicentre, placebo controlled, double-blind study to evaluate the efficacy and safety of bumetanide in neonatal seizures not responding to phenobarbitone. Total budget almost 6 million Euros.

Wellcome Trust Innovations award "Development of a neonatal brain health index (DELPHI)" start date 2 January 2018. €555,528 over 24 months.

Teaching

I have continued regular undergraduate and postgraduate teaching. I have examined several MD theses, and have examined and taught on MSc courses. In 1999 I started a teaching course for neonatal cranial ultrasound which proved very successful and which has been revived at UCLH. In the past I helped organise national teaching days for trainees. Both at the Archives of Disease in Childhood, via the College CSAC committee and BAPM, and through my books and lectures I have always been very committed to planning teaching materials aimed at delivering key neonatal developments to the general paediatrician as well as the specialist. I work hard at devising and planning interesting lectures, and I am a popular lecturer whom audiences usually evaluate well. I am often invited to lecture to the RCOG and other key groups.

Previous posts

July 1995-May 2004

Consultant and Senior Lecturer in Neonatal Medicine, King's College Healthcare NHS Trust.

King's College Hospital neonatal unit is a busy level III Unit which serves a large local population, and also carries out neonatal surgery. During my time at King's I continued to use my ultrasound skills, performing and teaching cranial imaging. My management commitments included the risk management committee for investigation of untoward clinical incidents. I took responsibility for the ward protocol book. I carried out weekly baby follow up clinics and provided a counselling service to the Harris Birthright unit. We held a weekly review meeting in MRI.

**1988-1995: Consultant in Neonatal Medicine,
Cambridge University Teaching Hospitals Trust.**

Clinical and managerial responsibility.

As Director of Neonatal Services I was responsible for running the Cambridge Neonatal Unit, which is a tertiary centre serving both the inborn population of 4,500 deliveries and a large geographical area around Cambridge. We admitted 450 cases each year, including surgical cases. There were 18 cots, and in the 8 designated for intensive care over 2,500 days were occupied each year. For example, 153 babies received 1114 days of artificial ventilation in 1993, of which half were accounted for by babies <28 weeks. I carried the managerial responsibility, managed the budget and decided on clinical protocols for this highly regarded neonatal Unit for seven years, whilst continuing to carry out clinical research.

Research.

Whilst at Cambridge I continued an active research programme with a particular interest in cerebral blood flow velocity in relation to neonatal brain injury. I trained many visitors and research fellows in the use of ultrasound both for imaging and Doppler, and several published work as a result. I held grants totalling over £250,000 during these 7 years. These were awarded in open competition from the East Anglia Regional Area Health Authority, Children Nationwide, Action Research, and the Trustees of Addenbrooke's Hospitals. I supervised four full time research fellows and several short-stay research staff during the time I spent in Cambridge.

As **Director of Medical Studies, Girton College, Cambridge**, I supervised the University career of medical students. I interviewed for admission to the College (Medical Science Tripos). I taught and set examination questions in Physiology for the Medical and Natural Science Tripos. I was elected a Fellow of Girton College. I resigned this position on moving to London because I felt that I would not have the time to do the post justice.

Some previous grant funding

Action Research

S/P/2308 A study of cerebral blood flow velocity in preterm infants: slow variability related to other physiological changes June 1992

S/S/2435 A study of cerebral blood flow velocity in preterm infants: slow variability related to other physiological changes January 1994

S/S/2595 Pilot study for the use of inhaled nitric oxide in preterm infants with pulmonary hypertension January 1994

National Lotteries Charities Board Evaluation of anticonvulsants in the Newborn £195,000 1997-9

August 1987-December 1988

Locum Consultant Paediatrician vice Dr NRC Robertson.

Consultant in Neonatal and General Paediatrics.

October 1985-July 1987

Clinical Lecturer, University of Cambridge (Professor J A Davis).

General Paediatrics, neonatology, teaching and research. Neurology and Child Development.

Honorary Senior Registrar, East Anglia Regional Area Health Authority.

October 1983-September 1985

Senior Research Assistant to Professor RWI Cooke, University of Liverpool.

Research into prostaglandins in the newborn, with reference to IVH.

Laboratory experience of radioimmunoassay and HPL chromatography. Respiratory function testing. Collaboration in clinical trials. On call 1:4 as an honorary Senior Registrar.

March 1983-September 1983

Registrar to Professor RWI Cooke.

Liverpool Maternity Hospital, Regional Neonatal Intensive Care Unit.

September 1982-February 1983

Registrar to Drs Arnold, Wilkinson and Jones.

Royal Liverpool Children's Hospital.

Supraregional Paediatric Cardiology, Paediatric Cardiac Intensive Care Unit.

February 1982-July 1982

Senior House Officer to Dr RG Pearse.

Jessop Hospital for Women, Regional Neonatal Intensive Care Unit, Sheffield.

August 1981-January 1982

Senior House Officer to Professor J Lorber, Professor RDG Milner.

Academic Division of Paediatrics, Sheffield Children's Hospital.

February 1981-July 1981

Registrar to Drs Bradshaw, Gumpert and Davies-Jones.

Regional Neuromedical Unit, Neurosurgical ITU, Sheffield.

August 1980-January 1981

Registrar to Professor JD Ward.

General Medicine with Endocrinology and Diabetes, Royal Hallamshire, Sheffield.

February 1980-July 1980

Senior House Officer to Dr JS Fleming.

Coronary Care Unit, Cardiology, Cardiac Catheterisation, Hallamshire Hospital, Sheffield.

August 1979-January 1980

Senior House Officer to Professor HF Woods.

Academic Division of Therapeutics, Sheffield Royal Infirmary.

February 1979-July 1979

House Surgeon to Professor L Spitz, Mr WJW Sharrard.

Sheffield Children's Hospital. Paediatric General Surgery, ENT and Orthopaedics.

August 1978-January 1979

House Physician to Professor J Richmond, Sheffield Royal Hospital.
Academic Division of Medicine, The Royal Hospital, Sheffield.

PUBLICATIONS : arranged by year of publication.

1983

Rennie JM Do fused eyelids indicate inevitable neonatal death? Lancet (letter) 1983;i;1157.

1984

Rennie JM Arnold R Asystole in the Prolonged QT Syndrome. Archives of Disease in Childhood 1984;59:571-573.

Cooke RWI Rennie JM Pancuronium and pneumothorax. Lancet (letter) 1984;i;286.

1985

Rennie JM Gibson T Cooke RWI Micromethod for bleeding time in the newborn. Archives of Disease in Childhood 1985;60:51-53.

1986

Rennie JM Doyle J Cooke RWI Reduction of immunoreactive prostacyclin metabolite after paralysis in ventilated preterm babies. Early Human Development 1986;13:75-80.

Rennie JM Doyle J Cooke RWI Early administration of indomethacin to preterm infants. Archives of Disease in Childhood 1986;61:233-238.

Rennie JM Doyle J Cooke RWI Low levels of 6 keto-prostaglandin F1 alpha in neonatal cerebrospinal fluid. Early Human Development 1986;13:295-297.

Rennie JM Doyle J Cooke RWI Ethamsylate reduces immunoreactive prostacyclin metabolite in low birthweight infants with respiratory distress syndrome. Early Human Development 1986;14:239-244.

Benson JWT Drayton MR Hayward C Murphy JF Osborne JP Rennie JM Shulte J Spiedel B Cooke RWI Multicentre trial of ethamsylate for the prevention of intraventricular haemorrhage in very low birthweight infants. Lancet 1986;ii:1297-1300.

Rennie JM Aspirin and pre-eclampsia. Lancet (letter) 1986;i;328.

1987

Rennie JM Doyle J Cooke RWI Elevated levels of immunoreactive prostacyclin metabolite in babies who develop IVH. Acta Paed Scandinavica 1987;76:19-23.

Rennie JM Cooke RWI Morley CJ Failure of observation and impedance respirography to detect active expiration in preterm infants. Early Human Development 1987;15:197-201.

Rennie JM South M Morley CJ Cerebral blood flow velocity variability in babies receiving artificial ventilation Archives of Disease in Childhood 1987;62:1247-1251.

1988

Rennie JM Can we prevent brain haemorrhage in preterm babies? Crit Care Med 1988;4:12-16.

Lucas A Rennie JM Baker B Morley R Low plasma T3 concentration and outcome in preterm infants. Archives of Disease in Childhood 1988;63: 1201-1206.

1989

Rennie JM Baker B Lucas A Does dexamethasone suppress the ACTH response in preterm infants? Archives of Disease in Childhood 1989;64:612-613.

Rennie JM Lam P Effects of ethamsylate on cerebral blood flow in premature babies. Archives of Disease in Childhood 1989;64:46-48.

Rennie JM Cerebral blood flow velocity variability following cardiovascular support in premature babies. Archives of Disease in Childhood 1989;64:897-901.

Murphy NM Rennie JM Cooke RWI Cranial ultrasound assessment of gestational age in VLBW infants Archives of Disease in Childhood 1989;64:569-572.

Wreghitt TG Rennie JM Gandy G Conservative management of enterovirus infections in neonatal intensive care units. Lancet (letter) 1989;i;1088.

Morris PJ Rennie JM Evans DH Levene MI Regional cerebral blood flow and Doppler flow velocity in the middle cerebral artery of the cat. British Journal of Anaesthesia 1989;63:233p-234p

1990

Rennie JM Transcutaneous CO2 monitoring. Archives of Disease in Childhood 1990;65:345-346.

Gandy G Rennie JM Antibiotic treatment of suspected neonatal meningitis. Archives of Disease in Childhood 1990;65:1-2.

Bishop N Ward P Rennie JM Dixon A Paradoxical bone mineralisation in twin-to-twin transfusion syndrome. Archives of Disease in Childhood 1990;65:705-706.

Thornton AJ Morley CJ Cole TJ Green SJ Walker KA Rennie JM Field trials of the baby check score card in hospital. Archives of Disease in Childhood 1990;66:115-120.

Rennie JM Morris PJ Evans DH Levene MI Thoresen M Blood pressure exerts more influence on cerebral blood flow velocity than arterial carbon dioxide in piglets less than 24 hours old. Early Human Development 1990;21:125.

Rennie JM Barnes RB Estimation of cardiac output with thermodilution and Doppler ultrasound. J Pediatr 1990;117:165-166.

1991

Rennie JM Cooke RWI Prolonged low dose indomethacin for patent ductus arteriosus. Archives of Disease in Childhood 1991;66:55-58.

Wilson G Hughes G Rennie JM Morley CJ Evaluation of two endotracheal suction regimes in babies ventilated for respiratory distress syndrome. *Early Human Development* 1991;25:87-90.

Coughtrey H Rennie JM Evans DH Patterns of response in cerebral blood flow velocity In: *Fetal and Neonatal Physiological Measurements* ed Lafeber HW pub Elsevier 1991 No 967 in International Congress series Pg 87-91.

Coughtrey H Rennie JM Evans DH Factors influencing the transmission of respiration-induced variation in the cerebral circulation. *Journal of Fetal-Maternal investigation* 1991;1:10.

1992

Coughtrey H Rennie JM Evans D H Postnatal evolution of slow variations in cerebral blood flow velocity *Archives of Disease in Childhood* 1992; 67: 412-415.

Rennie JM Broadhurst E Hazard from the exposed terminals of a battery driven transport incubator. *Arch Dis Chi (letter)* 1992;67:151.

1993

Coughtrey H Rennie JM Evans D H Cole TJ Factors associated with respiration induced variability in cerebral blood flow velocity. *Archives of Disease in Childhood* 1993; 68: 312-316.

Panerai RB, Coughtrey H Rennie JM Evans D H A model of the instantaneous pressure-velocity relationship of the neonatal cerebral circulation. *Physiol Meas*, 1993;14:411-418.

Panerai RB, Kelsall AWR, Rennie JM, Evans DH Model selection for Pressure-Flow velocity relationships of cerebral arteries. *Proc 1993 Computers in Cardiology 1993*; IEEE Computer Society Press, Los Alamitos, CA pp 779-782.

Panerai RB, Coughtrey H, Rennie JM, Evans DH 1993 Is critical closing pressure a determinant of neonatal cerebral blood flow? *Early Human Development* 33:223-232.

1994

Rennie JM, Kelsall AWR Vitamin K in the newborn. *Arch Dis Chi* 1994;70: 248-251.

Ferrari F, Kelsall AWR, Rennie JM, Evans DH The relationship between cerebral blood flow velocity and sleep state in normal newborns. *Pediatric Research*, 1994;35:50-54.

Kelsall AWR, Rennie JM Periventricular haemorrhage and periventricular leucomalacia. *Current Paediatrics* 1994 4:

Ahluwalia J, Kelsall AWR, Diederich S, Rennie JM Successful treatment of late aortic thrombosis after umbilical catheterisation with tissue plasminogen activator. *Acta Paed Scand* 1994;83:1215-1217.

Wheater M, Rennie JM. Poor prognosis after prolonged ventilation for bronchopulmonary dysplasia. *Arch Dis Child* 1994;71:F210-F211.

Ahluwalia JS, Raine J, Rennie JM, Mahmood N, Oduro A, Latimer R, Pickett J, Higenbottam TW Safety of inhaled nitric oxide in premature neonates. *Acta Paed Scand* 1994;83:347-348.

1995

Rennie JM, Coughtrey H, Morley R, Evans DH Comparison of cerebral blood flow velocity with cranial ultrasound imaging for early prediction of outcome in preterm infants. *J Clin Ultrasound* 1995; 23:27-31.

Panerai RB, Kelsall AWR, Rennie JM, Evans DH. Cerebral autoregulation dynamics in premature newborns. *Stroke* 1995;26:74-80

Morrison J, Rennie JM, Milton PJ Neonatal respiratory morbidity and mode of delivery at term: influence of timing of elective caesarian section. *Br J Obstetrics & Gynaecology* 1995;102:101-106

Panerai RB, Coughtrey H, Rennie JM, Evans DH Estimation of critical closing pressure of the cerebral circulation of the newborn. *Neuropaediatrics*, 1995;26:168-173

Morrison J, Rennie JM Perinatal mortality statistics *Lancet* (letter) 1995 346:1038

1996

Rennie JM Perinatal management at the lower margin of viability. *Arch Dis Child* 1996;74:F214-F218

Rennie JM, Wheeler M, Cole TJ 1996 Antenatal steroid administration is associated with an improved chance of intact survival in preterm infants. *Eur J Pediatr* 155:576-579

Ahluwalia JS, Rennie JM, Wells F Successful outcome of severe unilateral pulmonary emphysema after bi-lobectomy in a very low birthweight infant. *J Roy Soc Med* 1996;89:167P-168P

Panerai RB, Kelsall AWR, Rennie JM, Evans DH 1996 Analysis of cerebral blood flow autoregulation in neonates. *IEEE Transactions on Biomedical Engineering*,43:779-788.

Rennie JM Prediction of outcome of extremely premature babies. *Lancet* (letter) 1996;348:1515-1516

1997

Rennie JM Neonatal seizures 1997 *Eur J Pediatr* 156:83-87

Coughtrey H, Rennie JM, Evans DH 1997 Variability in cerebral blood flow velocity: observations over one minute. *Early Human Development* 47:63-70

Reynolds KJ, Panerai RB, Kelsall AWR, Rennie JM, Evans DH 1997 Spectral pattern of neonatal cerebral blood flow velocity: comparison with spectra from blood pressure and heart rate. *Pediatric Research*, 41:276-284

Morrison J Rennie JM. 1997 Clinical, scientific and ethical aspects of fetal and neonatal care at extremely preterm periods of gestation. *British Journal of Obstetrics & Gynaecology* 104:1341-1350

Sebire NJ, D'Ercole CD, Hughes K, Rennie J, Nicolaides KH 1997 Dichorionic twins discordant for intrauterine growth retardation. *Archives of Disease in Childhood* 77:F235-F236

1998

Panerai RB, Rennie JM, Kelsall AWR, Evans DH 1998 Frequency-domain analysis of cerebral autoregulation from spontaneous fluctuations in arterial blood pressure. *Medical & Biological Engineering and Computing*. 36: 315-322

Williamson LM, Hackett G, Rennie JM et al 1998 The natural history of foeto-maternal alloimmunisation to the platelet specific antigen HPA-1a (PL^{A1}, Zw^a) as determined by antenatal screening. *Blood* 92:2280-2287

Rennie JM Autoregulation of cerebral blood flow. *Lancet (letter)* 1998;352:2023

Which vitamin K preparation for the newborn? 1998 *Drug and Therapeutics Bulletin* 36:17-19

1999

Boylan GB, Panerai RB, Rennie JM, Evans DH, Rabe-Hesketh S, Binnie CB 1999 Cerebral blood flow velocity during neonatal seizures. *Archives of Disease in Childhood* 80:F105-F110

Rennie JM, Bokhari AS 1999 Recent advances in Neonatology. *Archives of Disease in Childhood* 81:F1-F4

Dimitriou G, Greenough A, Kavvadia V, Devane SP, Rennie JM 1999 Outcome predictors in nitric oxide treated preterm infants. *European Journal of Pediatrics* 158:589-591

Boylan GB, Pressler RM, Rennie JM, Morton M, Leow PL, Hughes R, Binnie CB 1999 Outcome of electroclinical, electrographic and clinical seizures in the newborn infant. *Developmental Medicine Child Neurology* 41:819-825

2000

Boylan GB Young K Panerai RB Rennie JM Evans DH Dynamic cerebral autoregulation in sick newborn infants *Pediatric Research*, 2000;48:12-17

Wheater M, Rennie JM 2000 Perinatal infection is an important risk factor for cerebral palsy in very low birthweight infants. *Developmental Medicine Child Neurology* 42:364-367

Hannam, S., McDonnell, M., Rennie, J.M. 2000 Investigation of prolonged neonatal jaundice. *Acta Paediatrica*, 89:694-697

Dimitriou G, Greenough A, Rafferty G, Rennie JM, Karani J 2000 Respiratory distress in a neonate with an enlarged thymus. *European Journal of Pediatrics* 159:237-238

Parnamum J, Field D, Rennie J, Steer P 2000 National census of availability of neonatal intensive care BMJ 321:727-729

Verma PK, Panerai RB, Rennie JM, Evans DH 2000 Grading of cerebral autoregulation in preterm and term neonates Pediatric Neurology 23:246-242

Rosenbloom L Rennie JM Establishing probable cause in cerebral palsy: There are problems with the consensus statement BMJ (correspondence) 2000;320:1076

Dear P, Rennie J, Newell S, Rosenbloom L 2000 Response to the proposal of a template for defining a causal relation between acute intrapartum events and cerebral palsy. Clinical Risk 6:143-144

Wilkinson A, Rennie J 2000 Investigating allegations of research misconduct. BMJ 321:1346

2001

Pressler RM, Boylan GB, Morton M, Binnie CD, Rennie JM 2001 Early serial EEG in hypoxic ischaemic encephalopathy. Clinical Neurophysiology 112:31-37

Kavvadia V, Greenough A, Boylan GB, Dimitriou G, Laubscher B, Panerai R, Rennie JM 2001 Effect of a high volume strategy high frequency oscillation on cerebral haemodynamics European Journal of Pediatrics 160:140-141

2002

Atkinson J, Anker S, Rae S, Weeks F, Braddick O, Rennie J 2002 Cortical visual evoked potentials in very low birthweight premature infants. Archives of Disease in Childhood 86:F28-F31

Rennie JM A review of the risk of being born too soon. 2002 Fetal and Maternal Medicine Review 13:3 157-168

Guerra M, Rennie JM, Wilson G, Boylan G, Pressler RM. 2002 An unusual presentation of 5th day fits in the newborn. Pediatric Neurology; 26:398-401

Boylan GB, Rennie JM, Pressler RM, Wilson G, Morton M, Binnie CD 2002 Phenobarbitone, neonatal seizures and video-EEG. Archives of Disease in Childhood 86:F165-F170

2003

Farrer K, Rennie JM 2003 Neonatal murmurs – are senior house officers good enough? Archives of Disease in Childhood, 88:F147-F151

Rennie JM Boylan G 2003 Neonatal seizures and their treatment. Current Opinion in Neurology 16(2) 177-181

2004

Boylan GB, Rennie J, Chorley G, Pressler R, Fox GF, Farrer K, Morton M, Binnie C. 2004 Second line anticonvulsant treatment of neonatal seizures: A video-EEG monitoring study. Neurology 62:486-488

Rennie JM Chorley G Boylan G Pressler R Nguyen Y Hooper R 2004 Non-expert use of the cerebral function monitor for neonatal seizure detection. Archives of Disease in Childhood, 89 F37-F40

Lee S, Pollina E, Rennie JM, Hannam S 2004 Placental tissue: An unusual cause of tracheal obstruction. *Journal of Pediatrics* 145:277

Rennie JM 2004 Examining the normal neonate *Current Opinion in Pediatrics* vol 14/4 pp 361-365

Heath PT, Balfour G, Tighe H, Weisner A, Efstratiou A, Kaye P, Rennie J, Nicoll, A & McCartney C on behalf of the PHLS GBS Working Group. 2004 Group B streptococcal disease (GBS) in UK and Irish infants younger than 90 days. *Lancet* 363: 292-3

2005

Schulte J, Osborne J, Benson JWT, Cooke RWI, Drayton M, Murphy J, Rennie JM Speidel BD 2005 Developmental outcome following etamsylate for prevention of periventricular haemorrhage in a randomised controlled trial *Archives of Disease in Childhood* 90:31-35

Filan P, Boylan GB, Chorley G, Davies A, Fox GF, Pressler R, Rennie JM 2005 The relationship between the onset of electrographic seizure activity after birth and the time of cerebral injury in utero, *British Journal of Obstetrics and Gynaecology* 112:504-507.

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Rennie JM, Sehgal A, De A, Cole TJ Range of UK practice regarding thresholds for phototherapy and exchange transfusion in neonatal hyperbilirubinaemia. *Archives of Disease in Childhood* 2009 94:F323-F327

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Philippa B. Mills, Emma J. Footitt, Kevin A. Mills, Karin Tuschl, Sarah Aylett, Sophie Varadkar, Cheryl Hemingway, Neil Marlow, Janet Rennie, Peter Baxter, Olivier Dulac, Rima Nabbout, William J. Craigen, Bernhard Schmitt, François Feillet, Ernst Christensen, Pascale De Lonlay, Mike G. Pike, M. Imelda Hughes, Eduard A. Struys, Cornelis Jakobs, Sameer M. Zuberi, and Peter T. Clayton. Genotypic and phenotypic spectrum of pyridoxine-dependent epilepsy (ALDH7A1 deficiency). *Brain*

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Rennie JM, Beer J, Upton M 2019 Learning from claims: hyperbilirubinaemia and kernicterus. *Archives of Disease in Childhood fetal and neonatal edition* 104:F202-F204

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Pavel AM, Rennie JM, De Vries LS, Murray DM, Marnane WP, Boylan GB 2022 Neonatal seizure management – is the timing of treatment critical? *Journal of Pediatrics* 243:61-68

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Books

Neonatal Cranial Ultrasound. Rennie JM 1997

Cambridge University Press. This book sold well worldwide. This book has been revised as:

Neonatal Cerebral Investigation. Rennie JM, Hagmann CF, Robertson NJ (Editors). Cambridge University Press 2008

This revision includes MRI and EEG in addition to an extensive update of the images.

"Highly Commended" in the BMA Book of the Year prize (Paediatric category) 2009 and by "Doody's Book Reviews".

Textbook of Neonatology, 3rd Edition. Editors, Rennie & Robertson 1999

Robertson's Textbook of Neonatology, 4th Edition. Edited by Rennie JM 2005

Rennie and Robertson's Textbook of Neonatology, 5th Edition, Edited by Rennie JM 2012

"Highly Commended" in the BMA Book of the Year prize (Paediatric category) 2013

Manual of Neonatal Intensive Care, 4th Edition, Rennie & Robertson 2002

Edward Arnold. This is amongst the most popular of the "pocketbooks" used by neonatal residents. The text has been translated into several languages including Japanese.

Manual of Neonatal Intensive Care, 5th Edition, Rennie & Kendall CRC Press 2013

Nominated for the paediatric category BMA book of the year 2014 "Highly Commended"

Clinical Protocols in Labour Marsh MS, Rennie JM, Groves P 2002 Parthenon Publishing, UK.

Chapters in Books

Neonatal Neurology and Follow Up of the Low Birthweight infant in Forfar and Arneil's Textbook of Paediatrics 4th Edition ed McIntosh & Campbell pub Churchill Livingstone 1992.

Neonatal Neurology and Follow Up of the Low Birthweight infant in Forfar and Arneil's Textbook of Paediatrics 5th Edition ed McIntosh & Campbell, pub Churchill Livingstone 1998

Neonatal Neurology and Follow Up of the Low Birthweight infant in Forfar and Arneil's Textbook of Paediatrics 6th Edition ed McIntosh & Smythe , pub Churchill Livingstone 2003

Neonatal Neurology and neurodevelopmental outcome of the Low Birthweight infant in Forfar and Arneil's Textbook of Paediatrics 7th Edition Ed McIntosh N, Helms P Smythe R Logan S pub Elsevier 2008 pp 297-309 and 239-242

Fluids and Electrolytes and Care of the Well and Convalescent Preterm Baby in Textbook of Neonatology 2nd Edition ed NRC Robertson pub Churchill Livingstone.

Infectious disease of the Central Nervous System in Fetal and Neonatal Neurology and Neurosurgery 2nd edition, ed Levene MI pub Churchill Livingstone; 1995

Neonatal Seizures (with Geraldine Boylan) in Fetal and Neonatal Neurology and Neurosurgery 4th Edition, ed Levene MI pub Elsevier 2008

The social and emotional needs of the parents and baby. (with Dr Martin Richards) In Practical Perinatal Care Ed Levitt, Cooke, Harvey pub Butterworth Heinemann 2000

Neonatal Intensive care in Pediatric Surgery and Urology: long term outcomes Edited Stringer, Oldham, Mouriquand, Howard, Pub WB Saunders 1998

Perinatal Morbidity and Mortality; outcome of neonatal intensive care. In: Pediatric Surgery and Urology: long term outcomes Second Edition. Edited Stringer MD, Oldham KT, Mouriquand PDE, Pub Cambridge University Press 2006 pp 39-53

Neonatal Cerebral Doppler velocimetry in Textbook of Perinatal Medicine ed Kurjak pub Parthenon Press 1998

Neonatology. In: Obstetrics and Gynaecology by Ten Teachers 17th edition, edited Campbell and Lees pub Edward Arnold 2000

Neonatology. In Obstetrics and Gynaecology by Ten Teachers, edited by Professor P Baker 18th Edition, Edward Arnold. 2006

Neonatology. In Obstetrics and Gynaecology by Ten Teachers, edited by Professor P Baker & Louise C Kenny 19th Edition, Edward Arnold. 2011

Resuscitation. Chapter 14 in Manual of neonatal respiratory care Eds Sinha and Donn. Futura, New York 2003 pp 101 – 105

Resuscitation. Chapter 12 in Manual of neonatal respiratory care, 2nd Ed 2006 Eds Donn and Sinha Elsevier, pp 98-103

Neonatal Seizures. 2000 (with Geraldine Boylan) In: Recent Advances in Paediatrics volume 19 edited by Tim David published Churchill Livingstone, Edinburgh pp 19-32

Resuscitation (48.3) and Neonatal treatments (48.4). In: Evidence based Obstetrics, 2003 Eds James DK Mahomed K Stone P van Wijngaarden W Hill LM pub Saunders (Elsevier Science) pp 387-392

Respiratory problems of Infants with Neurological Disease. In: Neonatal Respiratory Disorders, 2nd Edition. Eds Greenough, A & Milner A D published Arnold , UK 2003

Neonatology Module III (Neurology, haematology and metabolism and sepsis) Chapter 48 In: MRCPCH Mastercourse Ed Levene MI. Churchill Livingstone, Elsevier, 2007 pp364-380

Neonatal Care in Midwifery by Ten Teachers edited by Debbie Holmes and Philip Baker 2006 Hodder Arnold, London

Leigh MAMS Rennie JM 2005 Ethical and legal aspects of neonatology. In Rennie JM (Ed) Robertson's Textbook of Neonatology 4th Edition pp 100-112

Rennie JM 2005 Examination of the Newborn In Rennie JM (Ed) Robertson's Textbook of Neonatology 4th Edition pp 249-266

Rennie JM 2005 Assessment of the neonatal nervous system In Rennie JM (Ed) Robertson's Textbook of Neonatology 4th Edition pp 1093-1104

Rennie JM Neurological problems in the newborn- seizures. In Rennie JM (Ed) Robertson's Textbook of Neonatology 4th Edition pp 1105-1119

De Vries LM Rennie JM Neurological problems in the newborn: preterm brain injury, In Rennie JM (Ed) Robertson's Textbook of Neonatology 4th Edition pp 1148-1168

Neonatal Seizures (with Geraldine Boylan) in Fetal and Neonatal Neurology and Neurosurgery, edited by Levene MI 2008

Neonatology III Ch 48 in MRCPCH Master Course, Elsevier 2007 edited by Malcolm Levene & European Master Course in Paediatrics 2011.

Ethical and Legal aspects of Neonatology: The Law. With Bertie Leigh, Ch 6.2 in Rennie JM (Ed) Rennie & Robertson's Textbook of neonatology 5th edition.

Examination of the Newborn. Ch 14 in Rennie JM (Ed) Rennie & Robertson's Textbook of neonatology 5th edition.

Examination of the Nervous System, With Angela Huertas-Ceballos, Ch 40.1 in Rennie JM (Ed) Rennie & Robertson's Textbook of neonatology 5th edition.

Intracranial haemorrhage and perinatal stroke. With Divyen Shah, Ch 40.3 Rennie JM (Ed) Rennie & Robertson's Textbook of neonatology 5th edition.

Preterm brain injury. With Leigh Dyet, ch 40.5 Rennie JM (Ed) Rennie & Robertson's Textbook of neonatology 5th edition.

Central nervous system malformation With Cornelia Hagmann Ch 40.8 Rennie JM (Ed) Rennie & Robertson's Textbook of neonatology 5th edition.

Working Parties.

Screening for retinopathy of prematurity. Joint report of the Royal College of Ophthalmologists and British Association of Perinatal Paediatricians, 1989

Development of Audit measures and guidelines for the good practice in the management of Neonatal Respiratory Distress Syndrome. BAPM & the Research Unit of the Royal College of Physicians November 1990: published in Arch Dis Child 1992.

Rational Use of High technology in Neonatology. Amsterdam Holland 1992.

Minimum dataset for identification of disability and associated conditions at 2 years. National Perinatal Epidemiology Unit. 1993-94 (chaired by Neil Marlow).

Development of Audit measures and guidelines for the good practice in the management of Neonatal Respiratory Distress Syndrome. BAPM 1998: draft of guidelines produced by myself acting as Chair, 1999. Guidelines commended by the RCPCH Guideline Group.

Group B streptococcus in the newborn. Public Health Laboratory Service working party, 1999-2003

Working party on paediatric transfusion RCPCH 1999

Wellcome Trust: Factors that lead to advances in Neonatal Intensive Care, 1999-2000

CESDI Breech Focus Group, January 2000 , CESDI hospital deaths in infancy group 2000

Safe Maternity Care (RCPCH representative) RCOG 2006

Standards in Maternity Care (RCPCH representative) RCOG 2007

NICE guideline development group on neonatal jaundice (Chair) 2008-2010

NICE Quality Standards Advisory committee on neonatal jaundice 2013- 2016

NICE guideline development group on neonatal care (Chair) 2017-

Invited Lectures: International meetings.

State of Neonatal Intensive Care in the United Kingdom Ancona Italy 1990.

Cerebral Blood flow Velocity Variability Italian Neonatal Society 1990

Neonatal Brain Injury and Cranial Ultrasound scanning Turkish Medical Society, Istanbul Turkey 1991

Post asphyxial encephalopathy Istanbul Turkey May 1992

Neonatal Cranial Doppler studies. Eurodop, Oxford September 1994

Neonatal brain injury seminars, British Council sponsored trip, Rio de Janeiro, Brazil, October 1995

Outcome of prematurity. Board certification course in Fetal medicine, London September 1999

Outcome of antenatally diagnosed central nervous system malformations, and for growth restricted preterm infants, Cyprus Society of Perinatal Medicine February 2000

Cerebral blood flow velocity changes during neonatal seizures, Florence October 2000

Neonatal Seizures. International league against Epilepsy Liverpool April 2001

Neonatal Seizures, Modena Italy 2002

The use of the EEG in hypoxic-ischaemic encephalopathy, Sunderland June 2002

Neonatal Seizures, Course for Senior Paediatricians, Hammersmith Hospital, London November 2003

Treatment of neonatal seizures, New Frontiers in Neonatology. Innsbruck, 2005

Treatment of Neonatal Seizures, International Epilepsy Congress, Helsinki July 2006

Neonatal cerebral ultrasound 4th European course on paediatric neuroradiology London April 2008

Automated seizure detection, ESPR, Nice, October 2008

Scandinavian Postgraduate Course in Paediatric Neuroradiology Sept 2010

Brain monitoring, Ireland October 2017

Some Invited lectures: National (chronological order).

Prostaglandins in the Newborn: Cambridge, Leicester, Liverpool, UCL 1986-7.

Prophylaxis of Intraventricular haemorrhage Oxford 1986, Cambridge 1987.

Advances in Neonatal Intensive Care Whipps Cross MRCOG Course 1987-1992.

History of Neonatal Intensive Care Anglo-French Medical Society Cambridge 1988

Birth Asphyxia RCOG Seminar 1988

Recent advances in Surfactant therapy St George's Hospital London 1988

Assessment of the Systemic and Cerebral circulation of the Newborn Leeds & Guy's Hospital 1989.

Outcome of Very Low Birthweight Infants Cambridge Summer Meeting 1990

Does Cerebral blood flow velocity variability matter to the newborn? Cambridge, Cardiff, Bristol, Sheffield

Non-invasive Diagnosis in the Neonatal Brain, Neurosurgical Course, Cambridge 91,92

Brain Injury in the preterm baby British Council Course for Neonatal Intensive Care, Cambridge 1992.

Supportive care of babies on ventilators. Royal Society of Medicine 1992.

Is Critical Closing Pressure a determinant of neonatal cerebral blood flow? St Mary's Hospital, 1993

When is the right time to perform caesarean section at term? Queen Charlotte's hospital, October 1994

Pediatric Neurology course: Neonatal seizures. Great Ormond Street Hospital, London March 1996

Management of the infant of marginal viability. Irish Perinatal Society, Belfast March 22nd 1996

Nitric oxide therapy in the newborn, London June 1996

Perinatal management at the margin of viability, Brighton, October 1996: London 1997: Cambridge 1997: Basildon 1997: Sidcup 1997; many other centres 1999-2000:

EEG studies of neonatal seizures, London 1997

Doppler studies in the newborn infant. St George's, London May 1997

Ethical problems at the margins of life. Sunderland, June 1997

Neonatal Cranial Ultrasound: uses and limitations: Hammersmith Hospital MRI course, July 1997

Video Telemetry studies of seizures, Manchester November 1997

Elective caesarean section at term London November 1997

Hypoxic ischaemic encephalopathy: King's London January 1998; St George's London June 1998

24-26 weeks gestation; is the cost justified? Royal College of Obstetricians & Gynaecologists, December 1997 and December 1998-05-13

Should we treat all neonatal seizures? Sunderland May 1998

The value of the EEG in monitoring hypoxic ischaemic encephalopathy. Croydon May 98; Great Ormond Street hospital London, June 1998

The ethics of resuscitation. Liverpool October 1998

The outcome of prematurity: London October, November, December 1998 (S Thames study group, RCOG); several times in 1999 and 2000.

Outcome of prematurity; Maternal and Fetal Medicine Society, York April 1999

The value of ultrasound in the diagnosis of HIE. Kent, 1999; Liverpool, October 1999; London 2000

Caesarean Section and the Baby. RCM/RCOG meeting, London, November 1999

Outcome at the margin of viability. Obstetrics & Gynaecology, frontiers for the future. Royal College of Physicians, London March 2000

Cerebral palsy and intrapartum events, Sunderland June 2000

Group B Streptococcus, RCOG, London June 2001

Medical Negligence Litigation in Clinical Neonatal Practice, Hathersage, October 2003, 2004, 2005,2006, 2007, 2013

Rennie JM Neonatal seizures: diagnosis and management. Inserm meeting, Innsbruck 2005
Commended for the best speaker prize

Rennie JM Sprigg A Neonatal cerebral ultrasound, the views of a clinician and a radiologist. RCPCCH 2005

What an obstetrician needs to know about neonatology RCOG Autumn 2006

Legal aspects of care withdrawal Reason meeting June 2006

Treatment of neonatal seizures, Helsinki June 2006

Pathophysiology of neonatal hypoxic ischaemia RCOG September 2006

Brain monitoring in intensive Care Wakefield November 2006

Study day on EEG and cerebral function monitoring, Cork, Autumn 2007

Neonatal Jaundice, Institute of Child Health May 2007, St Mary's Hospital & Whittington Hospitals London Nov 07, London juniors 2012, 2013, 2014, 2016, Royal London 2013, see below.

Neonatal seizures – personal practice session, RCPCCH Spring meeting York April 2008

Fetal ventriculomegaly invited talk RCPCCH Spring meeting York April 2008

Prognosis and management of antenatally diagnosed ventriculomegaly London May 2008

“This house believes that seizure treatment does more harm than good” Edinburgh Nov 2008

Lectures on Neonatal Jaundice 2009-2011, including “neonatal update” Hammersmith

Professional Negligence Bar Association, Cambridge, Sept 2010

Pathogenesis of perinatal asphyxia, RCOG Labour Ward Management course, Autumn 2007, 2009,2010,2011, spring & Autumn 2012, Spring 2013, 2014, 2016

Lessons from medical litigation practice Reason Warwick 2010, Medway 2012

Neuroprotection Symposium London May 2014

Twins TRPG November 2014

Neonatal Jaundice – regular lectures including RCPCH annual meetings

UCLH and Thames grid study days, regular lectures. 2013,2014, 2015, 2016

Some Presentations at Meetings (National and International).

Rennie JM Gibson T Cooke RWI Micromethod for bleeding time in the newborn. Paediatric Research Society, Liverpool 1984.

Rennie JM Doyle J Cooke RWI Timing of response of 6 keto-prostaglandin F 1 alpha to indomethacin therapy in the LBWI. Int conf NIC, Care Rotterdam 1984.

Rennie JM Doyle J Cooke RWI Elevated levels of immunoreactive prostacyclin metabolite in babies who develop IVH. British Paediatric Association, York 1985. **Commended for the Michael Blacow Memorial Prize.**

Rennie JM Doyle J Cooke RWI Ethamsylate reduces immunoreactive prostacyclin metabolite in babies with respiratory distress syndrome. BPA York 1985.

Rennie JM Doyle J Cooke RWI Timing of inhibition of 6 keto prostaglandin F 1 alpha synthesis in the newborn with indomethacin. Neonatal Society Dundee 1985.

Rennie JM Doyle J Cooke RWI Reduction of prostacyclin metabolite after paralysis in ventilated babies. Neonatal Society London 1986.

Rennie JM Cooke RWI Morley CJ Failure of observation and impedance respirography to detect active expiration in ventilated preterm babies. Neonatal Society Gothenberg 1986

Rennie JM South M Morley CJ Reduction of cerebral blood flow velocity after synchronous ventilation. Neonatal Doppler Society Leicester 1987.

Rennie JM Cooke RWI Is there a better way in which to use indomethacin to treat patent ductus arteriosus? Neonatal Society Manchester 1987.

Rennie JM Lam P Effects of ethamsylate on cerebral blood flow velocity and cardiac output in premature babies. BPA York 1988.

Rennie JM Harari M Reduction in cerebral blood flow velocity after plasma infusion. International congress of fetal and neonatal physiological measurements Sweden 1988.

Rennie JM Morris PJ Evans DH Levene MI Thoresen M Blood pressure exerts more influence on cerebral blood flow velocity than carbon dioxide tension in piglets less than 24 hours old. Liverpool 1989.

Rennie JM Coughtrey H Van Veelsen C Bas J Ethamsylate and alveolar permeability in RDS. London 1989.

Rennie JM Coughtrey H Evans DH Factors associated with respiration-induced variability in cerebral blood flow velocity BPA Warwick April 1992.

Rennie JM Coughtrey H Morley R Evans DH Neurodevelopmental outcome at 18 months related to CBFV in early life. Int Symp on Fetal and Neonatal Neurology: Tours, France Oct 1992.

Rennie JM, Coughtrey H, Morley R, Evans DH 1993 Comparison of cerebral blood flow velocity with cranial ultrasound imaging for early prediction of outcome in preterm infants. British Paediatric Association, Warwick April 1993.

Rennie JM Boylan GB Binnie C Panerai R Evans DH Cerebral blood flow velocity during neonatal seizures. Neonatal Society London November 1998

Rennie JM Boylan GB Binnie C Panerai R Evans DH Dynamic cerebral autoregulation in the sick newborn. Neonatal Society Liverpool June 1999

Rennie JM Wilson G Boylan GB Pressler R Hooper R How accurate is the cerebral function monitor for neonatal seizure detection? RCPCH Spring 2002

Rennie JM Boylan GB Chorley C et al Second line anticonvulsant treatment of neonatal seizures: an open comparative study using video-EEG monitoring. Neonatal Society November 2002