

CURRICULUM VITAE

Richard J Edwards BSc(Hons), MB BS, FRCS(Neuro.Surg) MD
Consultant Neurosurgeon

Work Address: Department of Neurosurgery, Frenchay Hospital, North Bristol NHS Trust, Frenchay Park Road, Bristol, BS16 1LE.
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MEDICAL LICENCING

General Medical Council of the United Kingdom. GMC Number: 4102353.

QUALIFICATIONS

2010 MD degree
University of London. "A Study Of Endoscopic Choroid Plexus Coagulation In The Treatment Of Hydrocephalus".

2006 Fellowship in Paediatric Neurosurgery, University of Toronto, Canada

2005 Certificate of Completion of Specialist Training in Neurosurgery. Entered onto the Specialist Register of the General Medical Council (United Kingdom).

2004 FRCS(Neuro.Surg) - Intercollegiate Specialty Examination in Neurosurgery. Part 2 FRCS (England).

1998 Part 1 FRCS (England).

1996 MB BS, St. Mary's Hospital Medical School, Imperial College, London University.

1994 BSc. Upper Second Class Honours degree in Biomedical Sciences (London University).

MEMBERSHIP OF PROFESSIONAL BODIES & ACADEMIC SOCIETIES

Pediatric Cranio-cervical Spine Society (USA)
Congress of Neurological Surgeons (USA)
International Society of Pediatric Neurosurgeons
Society of British Neurological Surgeons
British Paediatric Neurosurgery Group
Fellow of the Royal Society of Medicine
British Medical Association
Childhood Cancer and Leukemia Study Group (CCLG).
British Association of Day Surgery

NATIONAL AND REGIONAL COMMITTEE MEMBERSHIP

2010 Specialist Adviser to the NICE Interventional Procedures Programme: Selective dorsal rhizotomy for spasticity in cerebral palsy (318/2).

2009 -11 Paediatric Neurosurgical Advisor to the National CMACE-NSPCC Non-Accidental Head Injury Study Group

2008 - 11 Paediatric Neurosurgical Advisor to the National CMACE "Head Injury In Children" Study External Advisory Group.

2008 - South West Representative, National Trauma Group, Society of British Neurological Surgeons.

2007 - Intercollegiate Examination Board in Neurosurgery (UK), MCQ Group.

2007 - South West Specialty Training Committee (Neurosurgery).

GRANTS & FELLOWSHIPS AWARDED

2010 NIHR FSF funding for grant development.

2004 - 2008 "The development of a Telemetric Intracranial Pressure Monitor". European Commission in the 6th Framework Programme as part of the HEALTHY AIMS (Work Package 12) Integrated Project (Contract No. IST-2002-1-001837). Overall grant directly allocated €233,304 of total grant of €16 million for the Healthy Aims Project.

August 2005 Huw Griffith Traveling Fellowship.

June 2005 Ethicon Foundation Traveling Fellowship, Royal College of Surgeons of England.

April 2002 Codman Hydrocephalus Research Fellowship.

June 2002 Mansell Research Fellowship, Royal College of Surgeons of England

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CURRENT APPOINTMENTS

August 2006-Present:

Consultant Paediatric & Adult Neurosurgeon, Frenchay Hospital, Bristol.

Honorary Consultant Paediatric Neurosurgeon, Bristol Children's Hospital, Bristol.

Honorary Senior Clinical Lecturer in Neurosurgery, University of Bristol.

Clinical and Academic Practice

I am appointed as one of the 4 Consultant Paediatric Neurosurgeons at Frenchay Hospital. I have a full time NHS contract. I provide a 1 week in 4 on-call service for acute Paediatric Neurosurgery. I also undertake elective adult neurosurgical procedures. In my adult practice I have a specialist interest in short stay surgery for degenerative spinal disease and in 2008/9 undertook the largest volume of elective lumbar spinal procedures in the department. I am the departmental Clinical Audit Lead and have responsibility for the Departmental Clinical Governance meetings, which I chair.

My paediatric neurosurgical specialist clinical interests include complex cervical spine surgery, surgery for paediatric arteriovenous-malformations and surgery for paediatric brain tumours. I have pioneered (in the UK) intra-operative neurophysiological monitoring of cranial nerve function during removal of brainstem tumours and posterior fossa ependymomas. This technique reduces the risk of nerve injury during surgery and enhances the complete removal of tumours. To date, I have a 100% success rate for complete excision for posterior fossa tumours, including ependymoma, with no children requiring a tracheostomy in the post-operative period (compared to a National UK average complete excision rate of below 50% for ependymoma).

I have a major academic interest in hydrocephalus and head injury in both adults and children. I was on the external advisory committee to the CMACE Head Injury in Children Study which is evaluating every child admitted to hospital with a head injury in the UK over a 6 month period in 2009/10, looking at factors associated with poor outcome from head injury. Within this project a more detailed study of children with non-accidental head injury is being undertaken (see above) for which I am the paediatric neurosurgical advisor. I provided Neurosurgical expertise to the "Kids Head Injury Study", based in Bristol, the world's largest longitudinal study of head injury in children to date. As part of a €15 million European nanotechnology project, in conjunction with collaborators from across the EU, I have developed a fully implantable telemetric intracranial pressure sensor that can perform wireless relay of brain pressure readings. As part of my paediatric neurosurgery practice I participate in the head injury rehabilitation program and co-chair the weekly multidisciplinary Paediatric Brain Injury Rehabilitation Meeting. I have been invited to lecture regionally and nationally on the assessment and management of acute head injury.

I lecture on the Neuropsychology Masters Degree course at the University of Bristol on the subject of head injury. Having completed my formal neurosurgical training in the UK in 2005, I undertook a 12 month clinical fellowship in Paediatric Neurosurgery at the Hospital for Sick Children in Toronto, Canada. As part of this fellowship I received additional specialist training in the identification and management of non-accidental head injury in children. In my current post I have contributed to the development of guidelines for the management of infants with suspected non-accidental head injury treated in Bristol.

In my Hospital practice I am a strong advocate of the "Safer Patient Initiative (SPI)" and have implemented a number of studies in the Neurosurgery Department aimed at reducing complications arising from surgery such as infection. Of note, my personal rate of CSF shunt infection is one of the lowest in the United Kingdom.

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PREVIOUS APPOINTMENTS

July 2005-` July 2006 **Rittersporn Clinical Fellow in Pediatric Neurosurgery,**
The Hospital for Sick Children, Toronto, Canada.

Oct 1999 - June 2005 **Specialist Registrar in Neurosurgery.**
Frenchay Hospital, Frenchay Park Road, Bristol, BS16 1LE.

Oct 1998 – Oct 1999 **Specialist Registrar (LAT) in Neurosurgery.**
Atkinson Morley's Hospital, Wimbledon, London SW20 0NE.

Feb 1998 – Oct 1998 **Specialist Registrar (L.A.S.) in General Surgery**
St Albans and Hemel Hempstead NHS Trust, Hertfordshire..

Aug 1995- Feb 1998 **St Mary's Hospital Surgical Senior House Officer**
Rotation: Neurosurgery: the National Hospital for
Neurology & Neurosurgery, London. Orthopaedic
Surgery & A& E : St Mary's Hospital, London W2. General
Surgery, Hemel Hempstead Hosp.

PRE-REGISTRATION APPOINTMENTS 1994-5

General Medicine/Cardiology, Wexham Park Hospital, Slough.
General Surgery/ Urology, St. Mary's Hospital, London.

MEDICOLEGAL TRAINING

March 2007 Bond Solon Training Course: Excellence in Report Writing
March 2007 Bond Solon Training Course: Courtroom Skills Training
February 2008 Cross Examination Training
February 2008 Law & Procedure Modules I & II

PRIZES AND SCHOLARSHIPS

2003 Vesalius Award. **American Association of Neurological Surgeons.**

2006 1st Place Poster Prize. **American Association of Neurological Surgeons.**

2003 Codman Award: Best Paper. **Soc. of British Neurological Surgeons**

1994 Malcolm Morris Memorial Prize (Clinical Research).
St Mary's Hospital Medical School, London University.

1993 Elective Scholarship to the University of Colombia –Missouri, USA.

1989 Histology Prize (Part IB MB BS).

CURRENT RESEARCH

2011- **Principle Investigator:** *Development of a prospective randomized controlled trial to evaluate head moulding therapy in Positional Plagiocephaly.*

2010- **Co-Investigator:** *Electrophysiological mapping to minimise risk of cerebellar mutism syndrome and cerebellar ataxia.*

2010- **Local Principal Investigator:** *Randomised Evaluation of Surgery with Craniectomy for Uncontrollable Elevation of Intra-Cranial Pressure (RESCUE icp) Study. An International MCRCT.*

2010- **Lead Investigator:** *A prospective study to evaluate the utility of pre-operative cerebrospinal fluid (CSF) infusion and drainage studies in the predicting shunt responsiveness in patients with suspected idiopathic Normal Pressure Hydrocephalus.(study in development).*

2009- **Lead Investigator:** *Witnessed Infant Short fall Head Injury (WISH) Study. Bristol, U.K.*

2008- **Lead Investigator:** *Neuropsychological Predictors of shunt responsiveness in Normal Pressure Hydrocephalus (ongoing)*

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EDITORIAL WORK & PEER REVIEW

2004-10 Editorial Board for the journal *Cerebrospinal Fluid Research*.

I have been invited to peer review publications for the following journals: ***Brain; British Medical Journal; Journal of Neurology, Neurosurgery and Psychiatry; British Journal of Neurosurgery; Acta Neurologica Scandinavica; Cerebrospinal Fluid Research; Clinical Anatomy; Neurology India; Journal of Medical Biography; Expert Opinion on Pharmacotherapy.***

I have acted as an external peer reviewer of grant applications to the Medical Research Council (MRC).

PEER REVIEWED PUBLICATIONS

1. Aquilina K, Thoresen M, Chakkarapani E, Pople IK, Coakham HB, **Edwards RJ**. Preliminary evaluation of a novel intraparenchymal capacitive intracranial pressure monitor. Laboratory investigation. *J Neurosurg*. May 2011 (In press).
2. Rice CM, Gilkes CE, Teare E, Hardie RJ, Scolding NJ, **Edwards RJ**. Brain biopsy in cryptogenic neurological disease. *Br J Neurosurg*. 2011 (In press).
3. **Edwards RJ**, Allport TD, Stoodley NG, O'Callaghan F, Lock RJ, Carter MR, Ramanan AV. External hydrocephalus and subdural bleeding in infancy associated with transplacental anti-Ro antibodies. *Arch Dis Child*. 2011. (In press).
4. Gilkes C, **Edwards RJ**. Cerebral Arteriovenous Malformations.[systematic review] *BMJ Clinical Evidence* (online "wiki" publication), 2009.
5. Calvert S, Miller HE, Curran A, Hameed B, McCarter R, **Edwards RJ**, Hunt, L, Sharples PM. Relationship between the King's Outcome Scale for Childhood Head Injury (KOSCHI), injury severity and detailed measures of outcome. *Dev Med Child Neurol*, 2008 Jun;50(6):426-31.
6. **Edwards RJ**, Dirks PB. Gelfoam Obstruction of Endoscopic Third Ventriculostomy. *J Neurosurg*, 2006;105: 104.
7. Brown EM, **Edwards RJ**, Pople IK. Conservative Management of Patients with CSF Shunt Infections. *Neurosurgery*, 2006;58(4):657-65.
8. Tarnaris A, **Edwards RJ**, Lowis SP, Pople IK. Atypical "External" Hydrocephalus With Visual Failure Due To Occult Leptomeningeal Dissemination Of A Pontine Glioma. *J Neurosurg*. 2005; 102(2 Suppl):224-7.
9. **Edwards RJ**, Patel NK, Pople IK. Foreign Accent Following Brain Injury: Syndrome Or Epiphenomenon? *European Neurology*. 2005; 53(2):87-91.
10. **Edwards RJ**, Dombrowski SM, Luciano MG, Pople IK. Chronic hydrocephalus in adults. *Brain Pathol* 2004;14:325-336.
11. **Edwards RJ**, Pople IK. Long term outcome of "arrested" hydrocephalus. *Eur J Ped Surg (Suppl.)* 2003 ; 13: S46 - S47.
12. **Edwards RJ**, Witchell C, Pople IK. Chronic headaches in adults with spina bifida and associated hydrocephalus. *Eur J Ped Surg (Suppl.)* 2003; 13:S1-S5.
13. Aquilina K, **Edwards RJ**, Pople IK. Routine Placement of a Ventricular Reservoir at Endoscopic Third Ventriculostomy. *Neurosurgery* 2003 ;53 (1): 91-6.
14. **Edwards RJ**, Moss T, Sandeman DR. A syndrome lost in specialisation. *The Lancet* 2003; 362: 1541.
15. **Edwards RJ**, Pople IK. Death and third ventriculostomy. *J Neurosurg* 2003;98(3):649-50.
16. **Edwards RJ**, Britz GW, Marsh H. Chronic headaches due to occult hydrocephalus. *J R Soc Med* 2003;96(2):77-8.
17. **Edwards RJ**, Britz GW, Critchley GR. Spontaneous resolution of an acute subdural haematoma. *Br J Neurosurg* 2002;16(6):609-10.
18. **Edwards RJ**, Pople IK. Side-effects of risperidone therapy mimicking cerebrospinal fluid shunt malfunction: implications for clinical monitoring and management. *J Psychopharmacol* 2002;16(2):177-9.

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19. **Edwards RJ**, Clarke Y, Renowden SA, Coakham HB. Trigeminal neuralgia caused by microarteriovenous malformations of the trigeminal nerve root entry zone: symptomatic relief following complete excision of the lesion with nerve root preservation. *J Neurosurg* 2002;97(4):874-80.
20. **Edwards RJ**, Britz GW, Johnston FG. Fatal instability following "odontoid sparing" transoral decompression of a periodontoid pseudotumour. *J Neurol Neurosurg Psychiatry* 2002;73(6):756-8.
21. Pople IK, **Edwards RJ**, Aquilina K. Endoscopic methods of hydrocephalus treatment. *Neurosurg Clin N Am* 2001;12(4):719-35.
22. Mann DV, Kalu P, Foulds S, **Edwards R**, Glazer G. Neutrophil activation and hyperamylasaemia after endoscopic retrograde cholangiopancreatography: potential role for the leukocyte in the pathogenesis of acute pancreatitis. *Endoscopy* 2001;33(5):448-53.
23. Ashkan K, **Edwards RJ**, Bell BA. Crisis in resources: a neurosurgical perspective. *Br J Neurosurg* 2001;15(4):342-6.
24. Mann DV, **Edwards R**, Ho S, Lau WY, Glazer G. Elevated tumour marker CA19-9: clinical interpretation and influence of obstructive jaundice. *Eur J Surg Oncol* 2000;26(5):474-9.
25. **Edwards RJ**, David KM, Crockard HA. Management of tuberculomas of the craniovertebral junction. *Br J Neurosurg* 2000;14(1):19-22.
26. McKenzie JE, **Edwards RJ**, Gentleman SM, Ince PG, Perry RH, Royston MC, et al. A quantitative comparison of plaque types in Alzheimer's disease and senile dementia of the Lewy body type. *Acta Neuropathol (Berl)* 1996;91(5):526-9.
27. Glass JM, **Edwards RJ**, Bates CA, Snell ME. Re: Penile gangrene associated with chronic renal failure: report of 7 cases and review of the literature. *J Urol* 1995;154(3):1144.
28. **Edwards RJ**, McKenzie JE, Roberts GW, Royston MC. Alzheimer's disease and Lewy body dementia. *Br J Psychiatry* 1993;163:692; discussion 694-5.
29. McKenzie JE, Gentleman SM, Royston MC, **Edwards RJ**, Roberts GW. Quantification of plaque types in sulci and gyri of the medial frontal lobe in patients with Alzheimer's disease. *Neurosci Lett* 1992;143(1-2):23-6.
30. **Edwards RJ**, Clinton J, Gentleman SM, Roberts GW, Royston MC. Classification and quantification of plaque types in Alzheimer's disease using computerised image analysis. *Neurodegeneration* 1992;1:65-71.

PUBLISHED ABSTRACTS

1. **Edwards RJ**, Pople IK. Shunt-related Mortality Following Failed Choroid Plexus Coagulation For Non-tumoral Hydrocephalus: A Retrospective Cohort Study. *Child's Nervous System*; Oct 2009.
2. Gallagher M, Whitelaw A, Pople I, Carter M, **Edwards RJ**. Complications of Ventricular Access Device Insertion For Post-haemorrhagic Ventricular Dilatation. *Child's Nervous System*; Oct 2009.
3. **Edwards RJ**, Allport T, Stoodley N, O'Callaghan F, Lock R, Carter M, Ramanan A. Transplacental anti-Ro antibodies from maternal Sjogren's: an innocent cause of haemorrhagic subdural effusions and chronic subdural haematoma in infancy. *Child's Nervous System*; Oct 2009.
4. Reaper J, Sacree J, **Edwards RJ**. The Long Term Outcome of Pediatric Cranioplasty Procedures. *Child's Nervous System*; Oct 2009.
5. Aquilina K, Ramnarine D, Sacree J, Pople IK, Carter MR, **Edwards RJ**. Diagnosis of ETV failure using the constant flow infusion test. *Child's Nervous System*; Oct 2008. 24(10): 1236.
6. Chalambrides C, Aquilina K, Pople IK, Coakham HB, Carter MR, **Edwards RJ**. Endoscopic biopsy for intra- and peri-ventricular lesions: diagnostic accuracy, safety and control of hydrocephalus over a 20 year period. *Br J Neurosurg*, 2008;22(2):154.
7. Aquilina K, Pople IK, **Edwards RJ**. The 36-hour External CSF Drainage Test is superior to CSF outflow resistance (Ro) measurement in predicting shunt responsiveness in idiopathic NPH patients undergoing both investigations. *Proceedings of the 4th International Hydrocephalus Workshop*, 2007: 62.

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8. Chalambrides C, Aquilina K, **Edwards RJ**. 30-year visual outcome in a consecutive cohort of 172 children with shunted non-tumoral hydrocephalus. *Proceedings of the 4th International Hydrocephalus Workshop*, 2007: 34.
9. Aquilina K, Chalambrides C, Pople IK, **Edwards RJ**. Safety and diagnostic accuracy of endoscopic biopsy for intra- and periventricular lesions in children – a single unit's two-decade experience. *Proceedings of the International Society of Paediatric Neurosurgeons. Childs Nervous System*; 2007.
10. M. Frischholz, L. Sarmiento, M. Wenzel, K, Aquilina, **R. Edwards**, H.B. Coakham. Telemetric Implantable Pressure Sensor for Short- and Long-Term Monitoring of Intracranial Pressure. *Proceedings of the 29th Annual International Conference of the IEEE EMBS*. (August 23-26, 2007).
11. **Edwards RJ**, Eggers T, Wenzel M, Pople IK, Coakham HB. The Development of a Telemetric Implantable Pressure Sensor. *Br J Neurosurg* (2005).
12. **Edwards RJ**, Brown, EM, Pople IK. Long Term Results Of An "In Situ" Treatment Protocol For CSF Shunt Infection. *J Neurosurg* 2004.
13. Miller HE, **Edwards RJ**, McCarter RJ, Curran AL, Hunt L, Calvert S, Pople IK, Sharples PM. Cognitive and psychological outcome following surgically treated traumatic extradural haematoma. *Curr Paed* 2004; 14:383.
14. **Edwards RJ**, Pople IK. Reduction in proximal catheter revision rates in shunted non-tumoural hydrocephalus following endoscopic choroid plexus coagulation. *Br J Neurosurg* 2004;18(1): 102.
15. **Edwards RJ**, Bunnage M, Luciano M, Pople IK. Protocol For A Prospective, Randomised, Controlled Trial To Evaluate The Efficacy And Safety Of Endoscopic Choroid Plexus Coagulation With Third Ventriculostomy In The Treatment Of Idiopathic Normal Pressure Hydrocephalus (ISRCTN29863839). *Proceedings of the 3rd International Choroid Plexus Workshop. London, UK*. April 2003.
16. **Edwards RJ**, Pople IK. Long-Term Efficacy Of Endoscopic Choroid Plexus Coagulation In The Treatment Of Neonatal Post-Haemorrhagic Hydrocephalus. *Child's Nerv Syst* 2003; 19: 689.
17. **Edwards RJ**, Pople IK. Endoscopic Choroid Plexus Coagulation Reduces Proximal Shunt Catheter Revision Rates In Non-Tumoral Hydrocephalus. *J Neurosurg* 2003; 98:682.
18. Shenouda E, **Edwards RJ**, Page K, Koynves A, Mercer N, Pople IK. A Cost-effective Moulding Helmet: An Adjunct In The Management Of Plagiocephaly And Scaphocephaly. *J Neurosurg* 2003;98:712.
19. **Edwards RJ**, Pople IK. Choroid Plexus Surgery for Hydrocephalus: A Century of Controversy. *J Neurosurg* 2003;98:702-3.
20. **Edwards RJ**, Vijayakumar K, Prabhakar P, Sharples PM, I.K. P. Incidence and outcome of post-meningitic hydrocephalus. *J Neurosurg* 2003;98:712-3.
21. **Edwards RJ**, Nelson RJ, Renowden SA, Varian E, Porter DG. The management of Fusiform Intracranial Aneurysms. *Br J Neurosurg* 2003.
22. **Edwards RJ**, Varian E, Renowden SA, Nelson RJ. Internal Carotid And Vertebral Artery Balloon Occlusion In The Management Of Complex Cerebral Aneurysms And Skull Base Tumours. *Br J Neurosurg* 2002;16(4):414.
23. Aquilina K, **Edwards RJ**, Pople IK. Placement of a Ventricular Reservoir at Endoscopic Third Ventriculostomy: A Useful Adjunct In The Diagnosis Of Ventriculostomy Failure. *Eur J Ped Surg* 2002;11(Suppl 1):60.
24. Aquilina K, **Edwards RJ**, Pople IK. The Usefulness of a Ventricular Reservoir at Endoscopic Third Ventriculostomy. *Br J Neurosurg* 2002.
25. Renowden SA, **Edwards RJ**, Nelson RJ, Lewis TT. Carotid Balloon occlusion in the Management of Complex Cerebral Aneurysms. *Proceedings of the American Society for Neuroradiology. Vancouver, Canada*. 2002
26. **Edwards RJ**, Varian E, Renowden SA, Nelson RJ. Internal Carotid and Vertebral Artery Balloon Occlusion in the Management of Complex Cerebral Aneurysms and Skull Base Tumors. *Proceedings of the Joint Meeting of the AANS/CNS Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology. Dallas, USA*. 2002.

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27. **Edwards RJ**, Patel NK, Pople IK. Foreign Accent Syndrome: A Rare Sequela Of Head Injury And Stroke. *Proceedings of the World Congress of Neurology. London U.K.* June 2001.
28. **Edwards RJ**, Renowden SA, Patel NK, Bolger CM, Gill SS. Arachnoid Webs - An Under-recognised Cause of Syringomyelia. Clinical Presentation, Radiological Diagnosis and Outcome of Surgery. *Proceedings of the Congress of Neurological Surgeons, San Antonio, USA.* September 2000.
29. Bolger C, Wigfield C, **Edwards RJ**, Greenslade G. Image guided surgery: applications to the cervical and thoracic spine, a review of the first 120 cases. *Proceedings of the Computer-aided Orthopaedic Surgery Conference, Davos, Switzerland.* February 2000.
30. **Edwards RJ**, Cudlip S, Bland JM, Moore AJ. Functional improvement in an octogenarian cohort of patients following surgery for cervical spondylotic myelopathy. *Br J Neurosurg* 2000.14(3):279.
31. **Edwards RJ**, Cudlip S, Wilkins P. Case Report: The 'Russian doll' Meningioma. *Neuropath Appl Neurobiol* 2000;26(2):197.
32. Ashkan K, **Edwards RJ**, Bell BA. Efficiency in the use of resources in a regional neurosurgical unit: a prospective analysis. *Br J Neurosurg* 2000. 14(3):273
33. **Edwards RJ**, Cudlip S, Moore AJ. Surgical treatment of cervical spondylotic myelopathy in extreme old age. *Neurosurgery* 1999;45(3):726-7.
34. **Edwards RJ**, Britz GW, Marsh HM. Endoscopic Third Ventriculostomy for the management of chronic headaches in patients with severe ventriculomegaly. *Proceedings of the Congress of Neurological Surgeons. Boston, USA.* November 1999.p422.
35. Britz GW, **Edwards RJ**, Archer D, Moore AJ. Complications and results of the Le Fort I osteotomy in the management of Midline skull base tumours at Atkinson Morley's Hospital – A 14 year experience. *Proceedings of the Congress of Neurological Surgeons. Boston, USA.* November 1999.pp650-1.
36. Britz GW, **Edwards RJ**, Archer D, Moore AJ. Le Fort I maxillotomy for lesions in and around the clivus. A 14 year experience. *Proceedings of the 4th European Skull Base Society Congress.* Nurnberg, May 1999.
37. **Edwards RJ**, Casey ATH, Thomas DG, Powell MP. Haemangioblastoma: long term outlook and prognostic factors. *Br J Neurosurg* 1998;12(1):84.
38. Mann D, **Edwards R**, George M, Glazer G. Can the reliability of the tumour marker CA19-9 in the diagnosis of pancreato-biliary malignancy be improved? *Proceedings of the Pancreatic Society of Great Britain and Northern Ireland.* September 1996.
39. **Edwards RJ**. Quantifying amyloid plaque types in Alzheimer's Disease using computerised image analysis. *J Anat* 1992;180(2):358-9.
40. **Edwards RJ**, Clinton J, Roberts GW, Royston MC. Quantifying plaque types in Alzheimer's Disease using computerised image analysis. *Neuropath Appl Neurobiol* 1992;18(3):306-7.

BOOKS

Abhinav K, Whone A & **Edwards RJ**. *Rapid Neurology & Neurosurgery.* (Blackwell) (Pre-publication proof stage).

BOOKS CHAPTERS

Edwards RJ & Drake JM. *CSF Devices.* Youman's Textbook of Neurological Surgery – 6th Edition (2011).

CHARITABLE WORK

Medical Advisor to the Foundation for the Relief of Disabled Orphans (FRODO).

Neurosurgical Advisor to the Association for Spina Bifida and Hydrocephalus (ASBAH).

Medical Advisor to the British Association of Cancer United Patients (Cancer BACUP). Charity registration No. 1019719. For the patient information booklet: "**Understanding brain tumours**". 2004.

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