

William Harkness

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[ISPN](#) President

1: Harkness WFJ. Presidential address 2017 William Harkness FRCS October 10th 2017 Denver, Co USA: 2017-annus mirabilis, a global view of neurosurgery for children. *Childs Nerv Syst*. 2018 Aug 18. doi: 10.1007/s00381-018-3931-6. [Epub ahead of print] PubMed PMID: 30121828.

2: Thompson DNP. William Harkness, president of the ISPN 2016-2017. *Childs Nerv Syst*. 2018 Aug 3. doi: 10.1007/s00381-018-3919-2. [Epub ahead of print] PubMed PMID: 30074082.

3: Dewan MC, Baticulon RE, Ravindran K, Bonfield CM, Poenaru D, Harkness W. Pediatric neurosurgical bellwether procedures for infrastructure capacity building in hospitals and healthcare systems worldwide. *Childs Nerv Syst*. 2018 Jul 21. doi: 10.1007/s00381-018-3902-y. [Epub ahead of print] PubMed PMID: 30030605.

4: Evans DG, Bowers NL, Tobi S, Hartley C, Wallace AJ, King AT, Lloyd SKW, Rutherford SA, Hammerbeck-Ward C, Pathmanaban ON, Freeman SR, Ealing J, Kellett M, Laitt R, Thomas O, Halliday D, Ferner R, Taylor A, Duff C, Harkness EF, Smith MJ. Schwannomatosis: a genetic and epidemiological study. *J Neurol Neurosurg Psychiatry*. 2018 Jun 16. pii: jnnp-2018-318538. doi: 10.1136/jnnp-2018-318538. [Epub ahead of print] PubMed PMID: 29909380.

5: Wilson D, Ambler G, Shakeshaft C, Brown MM, Charidimou A, Al-Shahi Salman R, Lip GYH, Cohen H, Banerjee G, Houlden H, White MJ, Yousry TA, Harkness K, Flossmann E, Smyth N, Shaw LJ, Warburton E, Muir KW, Jäger HR, Werring DJ; CROMIS-2 collaborators. Cerebral microbleeds and intracranial haemorrhage risk in patients anticoagulated for atrial fibrillation after acute ischaemic stroke or transient ischaemic attack (CROMIS-2): a multicentre observational cohort study. *Lancet Neurol*. 2018 Jun;17(6):539-547. doi: 10.1016/S1474-4422(18)30145-5. Epub 2018 May 16. Erratum in: *Lancet Neurol*. 2018 Jul;17(7):578. PubMed PMID: 29778365; PubMed Central PMCID: PMC5956310.

6: Faramand AM, Barnes N, Harrison S, Gunny R, Jacques T, Tahir MZ, Varadkar SM, Cross HJ, Harkness W, Tisdall MM. Seizure and cognitive outcomes after resection of glioneuronal tumors in children. *Epilepsia*. 2018 Jan;59(1):170-178. doi: 10.1111/epi.13961. Epub 2017 Nov 26. PubMed PMID: 29178251.

7: Stone TJ, Keeley A, Virasami A, Harkness W, Tisdall M, Izquierdo Delgado E, Gutteridge A, Brooks T, Kristiansen M, Chalker J, Wilkhu L, Mifsud W, Apps J, Thom M, Hubank M, Forshaw T, Cross JH, Hargrave D, Ham J, Jacques TS. Comprehensive molecular characterisation of epilepsy-associated glioneuronal tumours. *Acta Neuropathol*. 2018 Jan;135(1):115-129. doi: 10.1007/s00401-017-1773-z. Epub 2017 Oct 20. PubMed PMID: 29058119; PubMed Central PMCID: PMC5756244.

8: Cukiert A, Rydenhag B, Harkness W, Cross JH, Gaillard WD; Task Force for Pediatric Epilepsy Surgery for the ILAE Commissions of Pediatrics and Surgical Therapies. Technical aspects of pediatric epilepsy surgery: Report of a multicenter, multinational web-based survey by the ILAE Task Force on

Pediatric Epilepsy Surgery. *Epilepsia*. 2016 Feb;57(2):194-200. doi: 10.1111/epi.13292. Epub 2016 Jan 8. PubMed PMID: 26749250.

9: Downes M, Greenaway R, Clark M, Helen Cross J, Jolleff N, Harkness W, Kaliakatsos M, Boyd S, White S, Neville BG. Outcome following multiple subpial transection in Landau-Kleffner syndrome and related regression. *Epilepsia*. 2015 Nov;56(11):1760-6. doi: 10.1111/epi.13132. Epub 2015 Sep 4. PubMed PMID: 26337264.

10: Harkness W. Comment to Vertical by Giordano CNSY-D-14-00096. *Childs Nerv Syst*. 2015 Nov;31(11):2163. doi: 10.1007/s00381-015-2863-7. Epub 2015 Aug 19. PubMed PMID: 26285760.

11: Boshuisen K, van Schooneveld MM, Uiterwaal CS, Cross JH, Harrison S, Polster T, Daehn M, Djimjadi S, Yalnizoglu D, Turanli G, Sassen R, Hoppe C, Kuczyński S, Barba C, Kahane P, Schubert-Bast S, Reuner G, Bast T, Strobl K, Mayer H, de Saint-Martin A, Seegmüller C, Laurent A, Arzimanoglou A, Braun KP; TimeToStop cognitive outcome study group. Intelligence quotient improves after antiepileptic drug withdrawal following pediatric epilepsy surgery. *Ann Neurol*. 2015 Jul;78(1):104-14. doi: 10.1002/ana.24427. PubMed PMID: 25899932.

12: Skirrow C, Cross JH, Harrison S, Cormack F, Harkness W, Coleman R, Meierotto E, Gaiottino J, Vargha-Khadem F, Baldeweg T. Temporal lobe surgery in childhood and neuroanatomical predictors of long-term declarative memory outcome. *Brain*. 2015 Jan;138(Pt 1):80-93. doi: 10.1093/brain/awu313. Epub 2014 Nov 12. PubMed PMID: 25392199; PubMed Central PMCID: PMC4285190.

13: Pulhorn H, Hartley JC, Shanmuganathan M, Lee CH, Harkness W, Thompson DN. Central nervous system infection after Onyx embolisation of arterio-venous malformations in two paediatric patients. *Childs Nerv Syst*. 2014 Sep;30(9):1577-81. doi: 10.1007/s00381-014-2447-y. Epub 2014 Jun 4. PubMed PMID: 24895138.

14: James G, Shanmuganathan M, Harkness W. Hemimegalencephaly without epilepsy: case report. *Childs Nerv Syst*. 2014 Sep;30(9):1617-9. doi: 10.1007/s00381-014-2392-9. Epub 2014 Mar 4. Review. PubMed PMID: 24589886.

15: Chan HW, Pressler R, Uff C, Gunny R, St Piers K, Cross H, Bamber J, Dorward N, Harkness W, Chakraborty A. A novel technique of detecting MRI-negative lesion in focal symptomatic epilepsy: intraoperative ShearWave elastography. *Epilepsia*. 2014 Apr;55(4):e30-3. doi: 10.1111/epi.12562. Epub 2014 Mar 1. PubMed PMID: 24588306.

16: Karakoula K, Jacques TS, Phipps KP, Harkness W, Thompson D, Harding BN, Darling JL, Warr TJ. Epigenetic genome-wide analysis identifies BEX1 as a candidate tumour suppressor gene in paediatric intracranial ependymoma. *Cancer Lett*. 2014 Apr 28;346(1):34-44. doi: 10.1016/j.canlet.2013.12.005. Epub 2013 Dec 11. PubMed PMID: 24333734.

17: Neligan A, Haliasos N, Pettorini B, Harkness WF, Solomon JK. A survey of adult and pediatric epilepsy surgery in the United Kingdom. *Epilepsia*. 2013 May;54(5):e62-5. doi: 10.1111/epi.12148. Epub 2013 Mar 29. PubMed PMID: 23551079.

18: Colonnelli MC, Cross JH, Davies S, D'Argenzio L, Scott RC, Pickles A, Hannan S, Harkness W, Heyman I. Psychopathology in children before and after surgery for extratemporal lobe epilepsy. *Dev Med Child Neurol*. 2012 Jun;54(6):521-6. doi: 10.1111/j.1469-8749.2012.04293.x. Epub 2012 Apr 14. PubMed PMID: 22500653.

19: Bhatia R, Harris K, Hartley J, Jeelani O, Harkness W. Serial PCR genetic load determination in the surgical management of pneumococcal intracranial sepsis. *Childs Nerv Syst*. 2012 Apr;28(4):515-20.

doi: 10.1007/s00381-012-1715-y. Epub 2012 Feb 16. PubMed PMID: 22349901.

20: de Tisi J, Bell GS, Peacock JL, McEvoy AW, Harkness WF, Sander JW, Duncan JS. The long-term outcome of adult epilepsy surgery, patterns of seizure remission, and relapse: a cohort study. *Lancet*. 2011 Oct 15;378(9800):1388-95. doi: 10.1016/S0140-6736(11)60890-8. PubMed PMID: 22000136.

21: Morgan AT, Liégeois F, Liederkerke C, Vogel AP, Hayward R, Harkness W, Chong K, Vargha-Khadem F. Role of cerebellum in fine speech control in childhood: persistent dysarthria after surgical treatment for posterior fossa tumour. *Brain Lang*. 2011 May;117(2):69-76. doi: 10.1016/j.bandl.2011.01.002. Epub 2011 Feb 21. PubMed PMID: 21334735.

22: Dunkley C, Kung J, Scott RC, Nicolaidis P, Neville B, Aylett SE, Harkness W, Cross JH. Epilepsy surgery in children under 3 years. *Epilepsy Res*. 2011 Feb;93(2-3):96-106. doi: 10.1016/j.epilepsyres.2010.11.002. Epub 2010 Dec 14. PubMed PMID: 21156345.

23: Thom M, Liagkouras I, Elliot KJ, Martinian L, Harkness W, McEvoy A, Caboclo LO, Sisodiya SM. Reliability of patterns of hippocampal sclerosis as predictors of postsurgical outcome. *Epilepsia*. 2010 Sep;51(9):1801-8. doi: 10.1111/j.1528-1167.2010.02681.x. Epub 2010 Aug 5. PubMed PMID: 20738385.

24: Jeelani NU, Jindahra P, Tamber MS, Poon TL, Kabasele P, James-Galton M, Stevens J, Duncan J, McEvoy AW, Harkness W, Plant GT. 'Hemispherical asymmetry in the Meyer's Loop': a prospective study of visual-field deficits in 105 cases undergoing anterior temporal lobe resection for epilepsy. *J Neurol Neurosurg Psychiatry*. 2010 Sep;81(9):985-91. doi: 10.1136/jnnp.2009.182378. Epub 2010 Jun 27. PubMed PMID: 20581412.

25: Bell GS, Sinha S, Tisi Jd, Stephani C, Scott CA, Harkness WF, McEvoy AW, Peacock JL, Walker MC, Smith SJ, Duncan JS, Sander JW. Premature mortality in refractory partial epilepsy: does surgical treatment make a difference? *J Neurol Neurosurg Psychiatry*. 2010 Jul;81(7):716-8. doi: 10.1136/jnnp.2008.170837. Epub 2010 May 16. PubMed PMID: 20478848.

26: Harkness W. Do we still need invasive recordings? If so for how much longer? *Childs Nerv Syst*. 2010 Apr;26(4):503-11. doi: 10.1007/s00381-010-1094-1. Epub 2010 Mar 6. PubMed PMID: 20213191.

27: Ward SJ, Karakoula K, Phipps KP, Harkness W, Hayward R, Thompson D, Jacques TS, Harding B, Darling JL, Thomas DG, Warr TJ. Cytogenetic analysis of paediatric astrocytoma using comparative genomic hybridisation and fluorescence in-situ hybridisation. *J Neurooncol*. 2010 Jul;98(3):305-18. doi: 10.1007/s11060-009-0081-4. Epub 2010 Jan 6. PubMed PMID: 20052518.

28: Potter NE, Phipps K, Harkness W, Hayward R, Thompson D, Jacques TS, Harding B, Thomas DG, Rees J, Darling JL, Warr TJ. Astrocytoma derived short-term cell cultures retain molecular signatures characteristic of the tumour in situ. *Exp Cell Res*. 2009 Oct 1;315(16):2835-46. doi: 10.1016/j.yexcr.2009.06.003. Epub 2009 Jun 10. PubMed PMID: 19523942.

29: De Tiège X, Connelly A, Liégeois F, Harkness W, Clark CA, Chong WK, Gadian DG, Cross JH. Influence of motor functional magnetic resonance imaging on the surgical management of children and adolescents with symptomatic focal epilepsy. *Neurosurgery*. 2009 May;64(5):856-64; discussion 864. doi: 10.1227/01.NEU.0000343741.54200.58. PubMed PMID: 19404149.

30: Chakraborty A, Harkness W, Phipps K. Surgical management of supratentorial ependymomas. *Childs Nerv Syst*. 2009 Oct;25(10):1215-20. doi: 10.1007/s00381-009-0881-z. Epub 2009 Apr 9. Review. PubMed PMID: 19357853.

- 31: Desai N, Pressler RM, Jolleff N, Clark M, Neville B, Eltze C, Harkness W, Cross JH. Early-onset symptomatic focal epilepsy: a dilemma in the timing of surgery. *Epileptic Disord*. 2008 Dec;10(4):356-61. doi: 10.1684/epd.2008.0214. PubMed PMID: 19017580.
- 32: Potter N, Karakoula A, Phipps KP, Harkness W, Hayward R, Thompson DN, Jacques TS, Harding B, Thomas DG, Palmer RW, Rees J, Darling J, Warr TJ. Genomic deletions correlate with underexpression of novel candidate genes at six loci in pediatric pilocytic astrocytoma. *Neoplasia*. 2008 Aug;10(8):757-72. PubMed PMID: 18670637; PubMed Central PMCID: PMC2481566.
- 33: Karakoula K, Suarez-Merino B, Ward S, Phipps KP, Harkness W, Hayward R, Thompson D, Jacques TS, Harding B, Beck J, Thomas DG, Warr TJ. Real-time quantitative PCR analysis of pediatric ependymomas identifies novel candidate genes including TPR at 1q25 and CHIBBY at 22q12-q13. *Genes Chromosomes Cancer*. 2008 Nov;47(11):1005-22. doi: 10.1002/gcc.20607. PubMed PMID: 18663750.
- 34: Liégeois F, Cross JH, Polkey C, Harkness W, Vargha-Khadem F. Language after hemispherectomy in childhood: contributions from memory and intelligence. *Neuropsychologia*. 2008 Nov;46(13):3101-7. doi: 10.1016/j.neuropsychologia.2008.07.001. Epub 2008 Jul 9. PubMed PMID: 18657558.
- 35: Thom M, Martinian L, Sen A, Squier W, Harding BN, Cross JH, Harkness W, McEvoy A, Sisodiya SM. An investigation of the expression of G1-phase cell cycle proteins in focal cortical dysplasia type IIB. *J Neuropathol Exp Neurol*. 2007 Nov;66(11):1045-55. PubMed PMID: 17984686.
- 36: Eriksson SH, Free SL, Thom M, Martinian L, Symms MR, Salmenpera TM, McEvoy AW, Harkness W, Duncan JS, Sisodiya SM. Correlation of quantitative MRI and neuropathology in epilepsy surgical resection specimens-T2 correlates with neuronal tissue in gray matter. *Neuroimage*. 2007 Aug 1;37(1):48-55. Epub 2007 May 8. PubMed PMID: 17555988; PubMed Central PMCID: PMC1971136.
- 37: Baxendale S, Thompson P, Harkness W, Duncan J. The role of the intracarotid amobarbital procedure in predicting verbal memory decline after temporal lobe resection. *Epilepsia*. 2007 Mar;48(3):546-52. PubMed PMID: 17346250.
- 38: Harkness W. Temporal lobe resections. *Childs Nerv Syst*. 2006 Aug;22(8):936-44. Epub 2006 Jul 11. Review. PubMed PMID: 16832669.
- 39: Gnanalingham KK, Lafuente J, Brew S, Thompson D, Harkness W, Hayward R. Percutaneous coagulation of choroid plexus to unblock the ventricular catheter using the Seldinger technique: preliminary report. *Surg Neurol*. 2005 Nov;64(5):440-3. PubMed PMID: 16253696.
- 40: Gnanalingham KK, Lafuente D, Cheng D, Harkness W, Thompson D. Isolated diastasis of cranial sutures: unusual presentation of a blocked shunt in an infant. *Childs Nerv Syst*. 2005 Oct;21(10):936-8. Epub 2005 Mar 23. PubMed PMID: 15789213.
- 41: Suarez-Merino B, Hubank M, Revesz T, Harkness W, Hayward R, Thompson D, Darling JL, Thomas DG, Warr TJ. Microarray analysis of pediatric ependymoma identifies a cluster of 112 candidate genes including four transcripts at 22q12.1-q13.3. *Neuro Oncol*. 2005 Jan;7(1):20-31. PubMed PMID: 15701279; PubMed Central PMCID: PMC1871622.
- 42: Gnanalingham KK, Lafuente J, Thompson D, Harkness W, Hayward R. MRI study of the natural history and risk factors for pseudomeningocele formation following postfossa surgery in children. *Br J Neurosurg*. 2003 Dec;17(6):530-6. PubMed PMID: 14756480.

- 43: Gnanalingham KK, Lafuente J, Thompson D, Harkness W, Hayward R. The natural history of ventriculomegaly and tonsillar herniation in children with posterior fossa tumours—an MRI study. *Pediatr Neurosurg*. 2003 Nov;39(5):246-53. PubMed PMID: 14512688.
- 44: McEvoy AW, Bartolucci M, Revesz T, Harkness W. Intractable epilepsy and olfactory bulb hamartoma. A case report. *Stereotact Funct Neurosurg*. 2002;79(2):88-93. PubMed PMID: 12743430.
- 45: Gnanalingham KK, Lafuente J, Harkness W. Intraventricular migration of a Rickham reservoir: endoscopic retrieval. *Childs Nerv Syst*. 2003 Dec;19(12):831-3. Epub 2003 May 10. PubMed PMID: 12740707.
- 46: Devlin AM, Cross JH, Harkness W, Chong WK, Harding B, Vargha-Khadem F, Neville BG. Clinical outcomes of hemispherectomy for epilepsy in childhood and adolescence. *Brain*. 2003 Mar;126(Pt 3):556-66. PubMed PMID: 12566277.
- 47: Shaefi S, Harkness W. Current status of surgery in the management of epilepsy. *Epilepsia*. 2003;44 Suppl 1:43-7. Review. PubMed PMID: 12558832.
- 48: Gnanalingham KK, Lafuente J, Thompson D, Harkness W, Hayward R. Surgical procedures for posterior fossa tumors in children: does craniotomy lead to fewer complications than craniectomy? *J Neurosurg*. 2002 Oct;97(4):821-6. PubMed PMID: 12405369.
- 49: Barnes NP, Jones SJ, Hayward RD, Harkness WJ, Thompson D. Ventriculoperitoneal shunt block: what are the best predictive clinical indicators? *Arch Dis Child*. 2002 Sep;87(3):198-201. PubMed PMID: 12193425; PubMed Central PMCID: PMC1719248.
- 50: Wadley J, Harkness W, Thompson D, Hayward R. Urinary incontinence and ventriculoperitoneal shunts. *Pediatr Neurosurg*. 2001 Jul;35(1):52. PubMed PMID: 11490195.
- 51: Ward S, Harding B, Wilkins P, Harkness W, Hayward R, Darling JL, Thomas DG, Warr T. Gain of 1q and loss of 22 are the most common changes detected by comparative genomic hybridisation in paediatric ependymoma. *Genes Chromosomes Cancer*. 2001 Sep;32(1):59-66. PubMed PMID: 11477662.
- 52: Warr T, Ward S, Burrows J, Harding B, Wilkins P, Harkness W, Hayward R, Darling J, Thomas D. Identification of extensive genomic loss and gain by comparative genomic hybridisation in malignant astrocytoma in children and young adults. *Genes Chromosomes Cancer*. 2001 May;31(1):15-22. PubMed PMID: 11284031.
- 53: Ellamushi H, Hussein JR, Harkness W. Spontaneous cerebrospinal fluid rhinorrhoea and pneumocephalus following temporal lobectomy for epilepsy. *Br J Neurosurg*. 2000 Dec;14(6):565-7. PubMed PMID: 11272038.
- 54: Lewandowicz GM, Harding B, Harkness W, Hayward R, Thomas DG, Darling JL. Chemosensitivity in childhood brain tumours in vitro: evidence of differential sensitivity to lomustine (CCNU) and vincristine. *Eur J Cancer*. 2000 Oct;36(15):1955-64. PubMed PMID: 11000577.
- 55: Ashkan K, Casey AT, D'Arrigo C, Harkness WF, Thomas DG. Benign central neurocytoma. *Cancer*. 2000 Sep 1;89(5):1111-20. PubMed PMID: 10964342.
- 56: McEvoy AW, Harding BN, Phipps KP, Ellison DW, Elsmore AJ, Thompson D, Harkness W, Hayward RD. Management of choroid plexus tumours in children: 20 years experience at a single neurosurgical centre. *Pediatr Neurosurg*. 2000 Apr;32(4):192-9. PubMed PMID: 10940770.

- 57: Allibone JB, Harkness WJ, Hayward RD. Craniotomy-related complications in a paediatric neurosurgery unit—a prospective study. *Br J Neurosurg*. 1999 Apr;13(2):148-53. PubMed PMID: 10616583.
- 58: Kane PJ, Phipps KP, Harkness WF, Hayward RD. Intracranial neoplasms in the first year of life: results of a second cohort of patients from a single institution. *Br J Neurosurg*. 1999 Jun;13(3):294-8. PubMed PMID: 10562841.
- 59: Thom M, Gomez-Anson B, Revesz T, Harkness W, O'Brien CJ, Kett-White R, Jones EW, Stevens J, Scaravilli F. Spontaneous intracerebral haemorrhage in dysembryoplastic neuroepithelial tumours: a series of five cases. *J Neurol Neurosurg Psychiatry*. 1999 Jul;67(1):97-101. PubMed PMID: 10369831; PubMed Central PMCID: PMC1736454.
- 60: Baxendale SA, Sisodiya SM, Thompson PJ, Free SL, Kitchen ND, Stevens JM, Harkness WF, Fish DR, Shorvon SD. Disproportion in the distribution of gray and white matter: neuropsychological correlates. *Neurology*. 1999 Jan 15;52(2):248-52. PubMed PMID: 9932939.
- 61: Scott CA, Fish DR, Smith SJ, Free SL, Stevens JM, Thompson PJ, Duncan JS, Shorvon SD, Harkness WF. Presurgical evaluation of patients with epilepsy and normal MRI: role of scalp video-EEG telemetry. *J Neurol Neurosurg Psychiatry*. 1999 Jan;66(1):69-71. PubMed PMID: 9886455; PubMed Central PMCID: PMC1736168.
- 62: Brydon HL, Keir G, Thompson EJ, Bayston R, Hayward R, Harkness W. Protein adsorption to hydrocephalus shunt catheters: CSF protein adsorption. *J Neurol Neurosurg Psychiatry*. 1998 May;64(5):643-7. PubMed PMID: 9598681; PubMed Central PMCID: PMC2170097.
- 63: Baxendale SA, van Paesschen W, Thompson PJ, Connelly A, Duncan JS, Harkness WF, Shorvon SD. The relationship between quantitative MRI and neuropsychological functioning in temporal lobe epilepsy. *Epilepsia*. 1998 Feb;39(2):158-66. PubMed PMID: 9577995.
- 64: Baxendale SA, Van Paesschen W, Thompson PJ, Duncan JS, Harkness WF, Shorvon SD. Hippocampal cell loss and gliosis: relationship to preoperative and postoperative memory function. *Neuropsychiatry Neuropsychol Behav Neurol*. 1998 Jan;11(1):12-21. PubMed PMID: 9560824.
- 65: Casey AT, Kimmings EJ, Kleinlugtebeld AD, Taylor WA, Harkness WF, Hayward RD. The long-term outlook for hydrocephalus in childhood. A ten-year cohort study of 155 patients. *Pediatr Neurosurg*. 1997 Aug;27(2):63-70. PubMed PMID: 9520077.
- 66: Good CD, Kingsley DP, Taylor WJ, Harkness WF. "Dural tail" adjacent to a giant posterior cerebral artery aneurysm: case report and review of the literature. *Neuroradiology*. 1997 Aug;39(8):577-80. Review. PubMed PMID: 9272495.
- 67: Thompson DN, Jones BM, Harkness W, Gonzalez S, Hayward RD. Consequences of cranial vault expansion surgery for craniosynostosis. *Pediatr Neurosurg*. 1997 Jun;26(6):296-303. PubMed PMID: 9485157.
- 68: Chitnavis B, Phipps K, Harkness W, Hayward R. Intrinsic brainstem tumours in childhood: a report of 35 children followed for a minimum of 5 years. *Br J Neurosurg*. 1997 Jun;11(3):206-9. PubMed PMID: 9231007.
- 69: Sisodiya SM, Moran N, Free SL, Kitchen ND, Stevens JM, Harkness WF, Fish DR, Shorvon SD. Correlation of widespread preoperative magnetic resonance imaging changes with unsuccessful surgery for hippocampal sclerosis. *Ann Neurol*. 1997 Apr;41(4):490-6. PubMed PMID: 9124806.

70: Andar UB, Harkness WF, Hayward RD. Split cord malformations of the lumbar region. A model for the neurosurgical management of all types of 'occult' spinal dysraphism? *Pediatr Neurosurg*. 1997 Jan;26(1):17-24. PubMed PMID: 9361113.

71: David KM, Casey AT, Hayward RD, Harkness WF, Phipps K, Wade AM. Medulloblastoma: is the 5-year survival rate improving? A review of 80 cases from a single institution. *J Neurosurg*. 1997 Jan;86(1):13-21. PubMed PMID: 8988076.

72: Kumar V, Phipps K, Harkness W, Hayward RD. Ventriculo-peritoneal shunt requirement in children with posterior fossa tumours: an 11-year audit. *Br J Neurosurg*. 1996 Oct;10(5):467-70. PubMed PMID: 8922705.

73: Tuite GF, Evanson J, Chong WK, Thompson DN, Harkness WF, Jones BM, Hayward RD. The beaten copper cranium: a correlation between intracranial pressure, cranial radiographs, and computed tomographic scans in children with craniosynostosis. *Neurosurgery*. 1996 Oct;39(4):691-9. PubMed PMID: 8880760.

74: Boyd SG, Rivera-Gaxiola M, Towell AD, Harkness W, Neville BG. Discrimination of speech sounds in a boy with Landau-Kleffner syndrome: an intraoperative event-related potential study. *Neuropediatrics*. 1996 Aug;27(4):211-5. PubMed PMID: 8892373.

75: Brydon HL, Hayward R, Harkness W, Bayston R. Does the cerebrospinal fluid protein concentration increase the risk of shunt complications? *Br J Neurosurg*. 1996 Jun;10(3):267-73. PubMed PMID: 8799537.

76: Brydon HL, Bayston R, Hayward R, Harkness W. Removed shunt valves: reasons for failure and implications for valve design. *Br J Neurosurg*. 1996 Jun;10(3):245-51. PubMed PMID: 8799534.

77: Brydon HL, Bayston R, Hayward R, Harkness W. Reduced bacterial adhesion to hydrocephalus shunt catheters mediated by cerebrospinal fluid proteins. *J Neurol Neurosurg Psychiatry*. 1996 Jun;60(6):671-5. PubMed PMID: 8648336; PubMed Central PMCID: PMC1073953.

78: Fouyas IP, Casey AT, Thompson D, Harkness WF, Hayward RD. Use of intracranial pressure monitoring in the management of childhood hydrocephalus and shunt-related problems. *Neurosurgery*. 1996 Apr;38(4):726-31; discussion 731-2. PubMed PMID: 8692391.

79: Smith M, Smith SJ, Scott CA, Harkness WF. Activation of the electrocorticogram by propofol during surgery for epilepsy. *Br J Anaesth*. 1996 Apr;76(4):499-502. PubMed PMID: 8652319.

80: Brydon HL, Bayston R, Hayward R, Harkness W. The effect of protein and blood cells on the flow-pressure characteristics of shunts. *Neurosurgery*. 1996 Mar;38(3):498-504; discussion 505. PubMed PMID: 8837802.

81: Jayawickreme DP, Hayward RD, Harkness WF. Intracranial ependymomas in childhood: a report of 24 cases followed for 5 years. *Childs Nerv Syst*. 1995 Jul;11(7):409-13. PubMed PMID: 7585670.

82: Scuplak SM, Smith M, Harkness WF. Air embolism during awake craniotomy. *Anaesthesia*. 1995 Apr;50(4):338-40. PubMed PMID: 7747852.

83: Casey AT, Thomas DG, Harkness WF. Stereotactically-guided craniotomy for cavernous angiomas presenting with epilepsy. *Acta Neurochir (Wien)*. 1995;137(1-2):34-7. PubMed PMID: 8748865.

84: Doshi PK, Lemmieux L, Fish DR, Shorvon SD, Harkness WH, Thomas DG. Frameless stereotaxy and

interactive neurosurgery with the ISG viewing wand. *Acta Neurochir Suppl.* 1995;64:49-53. PubMed PMID: 8748583.

85: Brydon HL, Hayward R, Harkness W, Bayston R. Physical properties of cerebrospinal fluid of relevance to shunt function. 2: The effect of protein upon CSF surface tension and contact angle. *Br J Neurosurg.* 1995;9(5):645-51. PubMed PMID: 8561937.

86: Brydon HL, Hayward R, Harkness W, Bayston R. Physical properties of cerebrospinal fluid of relevance to shunt function. 1: The effect of protein upon CSF viscosity. *Br J Neurosurg.* 1995;9(5):639-44. PubMed PMID: 8561936.

87: Thompson DN, Casey AT, Hayward RD, Harkness WF. Accurate placement of the atrial catheter in ventriculoatrial shunts. Technical note. *J Neurosurg.* 1995 Jan;82(1):140-1. PubMed PMID: 7815120.

88: Brydon HL, Bayston R, Hayward RD, Harkness WF. Explanted shunt valves: factors contributing to their failure. *Eur J Pediatr Surg.* 1994 Dec;4 Suppl 1:37-8. PubMed PMID: 7766553.

89: Watkins L, Hayward R, Andar U, Harkness W. The diagnosis of blocked cerebrospinal fluid shunts: a prospective study of referral to a paediatric neurosurgical unit. *Childs Nerv Syst.* 1994 Mar;10(2):87-90. PubMed PMID: 8033168.

90: Brydon HL, Bayston R, Hayward R, Harkness W. The effect of increasing CSF protein concentration upon shunt function. *Eur J Pediatr Surg.* 1993 Dec;3 Suppl 1:33-4. PubMed PMID: 8130153.

91: Allen PJ, Smith SJ, Harkness WF, Fish DR. A specialised computer-based monitoring system for intraoperative electrocorticography. *Electroencephalogr Clin Neurophysiol.* 1993 Nov;87(5):340-2. PubMed PMID: 7693445.

92: O'Reilly G, Hayward RD, Harkness WF. Myelography in the assessment of children with medulloblastoma. *Br J Neurosurg.* 1993;7(2):183-8. PubMed PMID: 8494621.

93: Stapleton SR, Harkness W, Wilkins PR, Uttley D. Gliomyosarcoma: an immunohistochemical analysis. *J Neurol Neurosurg Psychiatry.* 1992 Aug;55(8):728-30. PubMed PMID: 1527549; PubMed Central PMCID: PMC489217.

94: Silbergeld DL, Harkness WF, Bell BA, Bircher MD. Posterior fracture dislocation of the shoulder secondary to epileptic seizures. *J R Coll Surg Edinb.* 1991 Apr;36(2):139-40. PubMed PMID: 2051416.

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