

CURRICULUM VITAE

Name

CARL HARDWIDGE

Date of Birth:

24/11/57

Qualifications:

BM Soton 1981
FRCS Glasgow 1986
Accredited in Neurosurgery: 1991
Honorary Senior Lecture in Neurosurgery 2007-

GMC Number:

2714334

Position:

Consultant Neurosurgeon, November 1992-
Clinical Director of Neurosciences 2012-14
Clinical Director Neurosciences, stroke, rehabilitation and Spinal
Surgery 2014-December 2018
Lead Clinician Skull Base surgery
Department of Neurosurgery,
Hurstwood Park Hospital,
Haywards Heath,
West Sussex
RH16 4EX
Tel. 01444 441881

Training Program Director for South Thames Neurosurgery Nov
2017-

Private Practice:

The Ashdown Nuffield Hospital,
Burrell Rd,
Haywards Heath,
West Sussex,
RH16 1UD.
Tel. 01444 456999 Fax 01444 410897

Private Secretary:

Mrs Jo hart
Jo.hart@medsec.info
+441444546878

Education

Secondary: St Julian's High School, Newport, Gwent.

University: Southampton University Medical School
1976-81

Appointments

House Physician

Royal South Hampshire Hospital

Aug 81-Feb 82

Prof. DJP Barker, Dr R Moore, Dr S Roath
Prof. D Acheson

House Surgeon

Feb 82-Aug 82

Poole General Hospital
Mr S Darke

Senior House Officer

Accident and Emergency

Aug 82- Mar 83

Northwick Park Hospital Harrow,
London.
Mr T Welsh

Neurosurgery

Aug 83-Aug 84

University Hospital of Wales.
Mr R Weeks & Mr Frazer

Anatomy

demonstrator Sept

84-Jul 86

University of Liverpool.
Joint Appointment with Chester Royal
Infirmery/Countess of Chester Hospital

Prof. D Bowsher, Sir John Wakely, Mr J
Kane, Mr G Forster & Mr T Brightmore

Registrar

July 86 -Dec 86

Cardiff Royal Infirmery.
University of Wales Registrar rotation.

General and Endocrine Surgery

Prof. J Salaman, Mr M Wheeler

Carl Hardwidge CV

*Orthopaedic
Surgery* Jan 87-
May 87

Prince of Wales Hospital Cardiff
Mr D Jenkins, Mr H Harrop Griffith, Mr J
Fairclough

Neurosurgery
May 87 –April 89

Walton Hospital, Liverpool.
Department of Surgical Neurology
Mr J Miles, Mr R V Jefferies, Mr M D M
Shaw, Mr P Foy, Mr G F G Findlay.

Senior Registrar

Neurosurgery
April 1989 – Oct
1992

The Midland Centre for Neurology and
Neurosurgery, Smethwick Birmingham
The Queen Elizabeth Hospital Edgbaston
Birmingham.
Birmingham Children's Hospital.
Mr Graham Flint, , Mr J Hamilton, Mr A D
Hockley, Prof. E Hitchcock, Mr C Mayer,
Mr J Mc Millan, Mr R Walsh, Mr Bernard
Williams,

SURGICAL INTERESTS

- Skull base surgery, particularly the management of acoustic neuromas
- Investigation, surgical and medical management of patients with trigeminal and glossopharyngeal neuralgia, and hemi-facial spasm
- Hindbrain anomalies and syringomyelia
- Spinal cord tumours
- Degenerative spinal disease

POSITIONS OF RESPONSIBILITY

- Chairman of Neurosurgical Registrar Society 1990-2
- Trustee The British Brain & Spine Foundation 1995 –
- Vice Chairman Medical Staff Committee, Hurstwood Park Neurological Centre 1995-1999
- Past Chairman Medical Advisory Committee, The Ashdown Nuffield Hospital
- Member of MAC The Ashdown Nuffield 1997-
- Member of LNC Mid Sussex NHS Trust / Chairman 1997-9
- Past Surgical Tutor HWP 1993-1999
- Member of STC South Thames Neurosurgery 1995 –
- Chairman STC South Thames Neurosurgery 2000-
- Lead Clinician Hurstwood Park 1999 –2006.
- **Examiner for the intercollegiate Neurosurgical Fellowship Exam 2000-15**
- **Member of Intercollegiate Speciality Exam Board in Neurosurgery Nov 08 – 2014**
Responsible for Quality Assurance
- **Honorary Secretary of the Intercollegiate Exam board Neurosurgery 2009-14.**
- **Exam assessor 2015-7**
- Member of The Society of British Neurosurgeons Council 2005-9
- Executive Council member European Skull Base society 2005-14
- **President of the British Skull Base Society 2006-9**
- SBNS representative on Federation of independent Practitioners Sept 2006-9
- Scientific committee member for Syringomyelia conference 2007
- Advisory member for European skull base conference 2007 Prague
- Advisory member for European skull base conference 2009 Rotterdam
- **President of the European Skull Base Society 2012-14**

- **Conference president and co-organiser of World and European Skull Base Society Brighton 2012**
- Training Program director ST1/2 London 2008-9
- Reviewer for the British Journal of Neurosurgery
- Reviewer For Skull Base Surgery Journal
- Board member of London School of Surgery 2008-9
- Neurosurgery Advisor to South East Coast Ambulance 2008-
- Lead for Deanery visit to Kings College hospital Neurosurgery Dept Oct 08
And Jan 09
- Chairman of the Events Committee for World federation Bid 2017
- Regional Speciality Professional Advisor Neurosurgery 2010-
- **Clinical Director of Neurosciences Brighton and Sussex University Hospital Trust June 2012-**
- **Clinical Director of Neurosciences, Stoke, Rehabilitation and Spinal Surgery. Brighton and Sussex University Hospital Trust June 2014-**
- **TPD Neurosurgery South Thames Nov 2017**
- **International Neurosurgical FRCS examiner Sri Lanka Feb 2018**
- **International Neurosurgical FRCS examiner Malaysia Jan 2019**

PUBLICATIONS

Spinal Cord Stimulation in Peripheral Vascular Disease. Tallis R C, Illis L S, Sedgewick E M, Hardwidge C, Garfield J S. J Neurol Neurosurg Psychiatry, 1983 June;46 (6):478-84.

The Effect of Spinal Cord Stimulation upon Peripheral Blood Flow in Patients with Chronic Neurological Disorder. Tallis R C, Illis L S, Sedgewick E M, Hardwidge C. International Rehabilitation Medicine. 1983;5 (1) 4-9.

Changes in Peripheral Blood Flow Produced by Spinal Cord Stimulation. Hardwidge C. Internal Publication University of Southampton medical School.1980.

Intracranial Aeroceles as a Complication of Frontal Sinus Osteoma. Hardwidge C, Varma T R K. *Surgical Neurology*. 1985; 24: 401-4.

Spontaneous Intracranial Aerocele as a Complication of Frontal Sinus Osteoma. (Letter) *British J Neurosurg*.1989; 3:621.

Review: Primary Cerebral Lymphoma – a Clinico-Pathological Study. Hardwidge C, Diengough V, Husband D, Nash J. *J Clinical Neuropathology*, Vol9, No5 – 1990 (217-278).

A Prospective Randomised Controlled Trial of Antimicrobial Prophylaxis in Hydrocephalus Shunt Surgery. R Bayston, C Bannister, V Boston, R Burman, B Burns, F cook, R Cudmore, R Fitzgerald, C Goldberg, H T Green, E Guiney, C Hardwidge, C A Hart, A E Holmes, J Meigh, J Miles, A Rampling, J Walker, H Webb, K Whale. *Z Kinderchir* 45, Suppl. 1 (1990) 5-7.

Symptomatic Aerocele after Acoustic Neuroma Surgery. Hardwidge C, Brydon H, Hockley A D, Proops D. *Proceedings of the first International conference on Acoustic Neuroma*. Copenhagen, Denmark. August 1991. Editors Thompson and Tos.

Intramedullary Spinal Cord Abscess – A Case Report and Review. Hardwidge C, Williams B. *British J Neurosurg*. 1993; 7:419-422

The Management of Cerebellar Abscess since the Introduction of CT Scanning. Howard L Brydon & Carl Hardwidge. *British J Neurosurg*. (1994) 8, 447-455.

Brain Abscess and Hereditary Haemorrhagic Telangiectasis: A Report of Three Cases. El . Houcheimi, C Hardwidge, P Walter & M. Jalaluddin. *British J Neurosurg*. (1998); 12(1): 15-17.

Idiopathic Spinal Cord Herniation: Case Report and Review of the Literature. Laurence A.G. Marshman FRCS, Carl Hardwidge, FRCS, Suzanne C. Ford-Dunn, M.B., John S. Olney FRCR. *Neurosurgery*, Vol.44, No. 5, May 1999.1129-1133.

Bacillus cereus meningitis complicating cerebrospinal fluid fistula repair and spinal drainage. *British journal of Neurosurgery*, Dec 2000, vol. 14, no.6,p. 580-2,28refs,ISSN 0268-8697. Marshman L A, Hardwidge C, Donaldson P M.

Is the National Health Service at the edge of chaos? *Journal of the Royal Society of Medicine*, Dec 2001, vol.94, no. 12, p. 613-6, ISSN:0141-0768. Papadopoloulos M C, Hadjitheodossiou M, Chrysostomou C, Hardwidge C, Bell B A.

Spontaneous extradural haematoma with sinusitis. *Journal of the Royal Society of Medicine*. Nov 2001, vol.94, no.11 , p.588-9, 7refs, ISSN: 0141-0768. Papadopolous M C, Dyer A, Hardwidge C.

Mobile phones and the Brain: What do the experts think? Nicola guy,
Keyoumars Ashcan, Carl Hardwidge. E BMJ15th Feb 2002

Thoracic idiopathic spinal cord Herniation at the vertebral body level: a subgroup with poor prognosis? Case reports and review of the literature. Journal of Neurosurgery, Oct 2002, vol. 97,no 3 Suppl,p.369-744, 27refs. ISSN:0022-3085.

Does posterior fossa decompression improve oculomotor and vestibular-ocular manifestations in Chiari 1 malformation? Liebenberg –W-A, Georges H, Demetriades A K, Hardwidge C.
Acta neurochirurgica, Dec2005,vol147.no.12,p 1239-40 Discussion 1240,ISSN: 0001-6268.

Penetrating civilian craniocerebral gunshot wound: a protocol of delayed surgery. Neurosurgery, Aug 2005, vol.57, no.2, p. 293-9; discussion 293-9, ISSN: 1524-4040. Liebenberg W Adriaan, Demetriades Andreas K, Hankins Matthew, Hardwidge Carl, Hartzenberg Bennie H

Setting the Standard –UK Neurosurgical acoustic neuroma practice.
GooddenJR, Tranter RDM, Hardwidge C. J of Royal Col of Surgeons of England 2006; 88:486-489.

Spina Bifida and an Extra Lower Limb: Letter to the Editor. 08-054
Acta Neurochirurgia (Wein) 2008 May 150(5): 511-2 [Demetriades A](#), [Hardwidge C](#), [Evans DJ](#).

Malignant Transformation of Acoustic Neuroma 10 years after Gamma Knife Stereotactic Radiosurgery. Andreas K. Demetriades¹, Nicholas Saunders², Peter Rose³, Cyril Fisher⁴, Jeremy Rowe⁵, Robert Tranter², Carl Hardwidge¹. Skull Base 2010 Sept;20(5):381-7

Redo microvascular decompression for recurrent trigeminal Neuralgia.
Charlotte Ward, Carl Hardwidge August 2010 Vol.24 no.4 page 502
Letter to the Editor

Syringomyelia. C Hardwidge. Chapter. Neurosurgery 93, Editor J Palmer.

Syringomyelia. C Hardwidge. Chapter. Neurosurgery 96, Editor J Palmer.

Forward - Neurosurgery for Basic Surgical Trainees. Liebenberg and Johnson.
Hippocrates Books June 2004

Working Together. An editorial for ENT News C Hardwidge & R Tranter 1996

Team work in UK Skull Base Surgery. An article for ENT News Nov 2006
Bob Tranter and Carl Hardwidge

Tumours of the central nervous system. Carl Hardwidge & Samantha Hettige. Surgery (Oxford) **30** (2012) pp. 155-161

A thoracic extradural chordoid meningioma: a unique case report and literature review

Isabel Tullocha, Husam Georgesb, Rahul Phadkec and Carl Hardwidge
British J Neurosurgery 2018 Jan 22:1-3. doi: 10.1080/02688697.2018.1426721

Abstracts

Primary Cerebral Lymphoma – a Clinico-Pathological Study. (Abstract)

Hardwidge C, Diengough V, Husband D, Nash J. J British Neuropath Society. 1989;15:277-278.

Small Bowel Strangulation, an Unusual Complication of Ventricular-peritoneal Shunt Removal. Hardwidge C, Chapple A. European J Paediatric Surgery. Vol 1 Suppl 1. Dec 1991. (Abstract.)

Spina Bifida and Syringomyelia. A Study Of 20 Cases. Hardwidge C, Williams B. European J Paediatric Surgery. Vol 1 Suppl 1, Dec 1991.(Abstract)

Spina Bifida and Syringomyelia. Hardwidge C, Williams B. The Society of British Neurosurgeons. Birmingham 1992 – Journal Of British Neurosurgery

Anterior Cervical Discectomy with and without Grafting. A safe and effective Proceedure. U Igbaseimokumo, C Hardwidge, G Barbagallo, S Naik, P H Walter, P J Ward. Societ of British Neurosurgeons Sheffield April 1998. BJN

Anterior Cervical Discectomy with and without Grafting. U Igbaseimokumo, C Hardwidge , G Barbagallo, S Naik, P H Walter, P J Ward. Society of British Neurosurgeons Brighton Sept 1999. BJN

Study of Discharge Delays from a Neurosurgical Unit to Referring Hospitals. W Garrett, C Hardwidge. British Journal of Neurosurgery 2000; 14(3) 273-293(abstract)

Is MRI useful in the Selection of Patients for Microvascular Cranial Nerve Decompression Surgery? R Dardis. R Dossetor. C Hardwidge. British Journal of Neurosurgery 2000; 14(3) 273-293(abstract)

Is the NHS at the edge of Chaos? MC Papadopoulos... C Hardwidge & B A Bell. BJN 2002; 16(4)406. 9 (Abstract)

Setting the Standard –UK Neurosurgical acoustic neuroma practice. GooddenJR, Hardwidge C, Tranter RDM. Fourth international Conference on

Vestibular Schwannoma & other CPA Lesions. Cambridge 13-17 July, 2003.
Conference Proceedings. Pg108-109.

To follow up or not to follow up: that is the question. John Goodden Carl Hardwidge, R Tranter. Skull Base: an interdisciplinary approach Vol. 13 Sup 2. 132 pg 31.Nov 2003. (abstract)

Delayed definitive debridement in 125 cases of craniocervical junction gunshot wounds. SBNS. Manchester 2004. Liebenberg W Adriaan, , Demetriades Andreas K, Hankins Matthew, Hardwidge Carl, Hartzenberg Bennie H. BJN

Your eyes in the back of your head –ocular disturbances in Arnold chiari Type 1 malformation. Liebenberg W A, Demetriades A K, Georges H, Jones R, Hardwidge C. 4th International Skull base meeting Sydney 2004 Abstract Skull Base Journal

Your eyes in the back of your head –ocular disturbances in Arnold Chiari Type 1 malformation. Liebenberg W A, Hardwidge C. SBNS Edinburgh April 2005. Brit J Neurosurgery. **Abstract**

BAHA use in Trans labyrinthine acoustic neuroma resection. Tranter R, Liebenberg W A, Georges H, , Hardwidge C. British Skull Base Society. Brighton 2005. Abstract BJN

Hearing on a pedestal – cutting time to BAHA use in trans labyrinthine acoustic neuroma resection. Liebenberg W A, Georges H, Hornigold R, Jones R, Tranter R, Hardwidge C. Poster .4th International skull base meeting. Sydney 2004- Skull Base Journal.

“Does posterior fossa decompression improve oculomotor and vestibulo-ocular manifestations in Chiari 1 malformations?”

Liebenberg –W-A, Georges H, Demetriades A K, Hardwidge C.
Syringomyelia 2007 Rugby Oct 25th 2007 **Abstract** British Journal of Neurosurgery. Oct 07

Finite element modelling of Syringomyelia. P J Harris and Carl Hardwidge.
Syringomyelia 2007 Rugby Oct 24th 2007. **Abstract** British Journal of Neurosurgery. Oct2007;21(5)426

Outcome of bone-Anchored Hearing Aid Provision for Unilateral Deafness Following Acoustic Neuroma Surgery. C L. Ward, A D Morley, S Hogan, A Burchett, N C Saunders, R Tranter, C Hardwidge.
Abstract -European Skull Base society meeting Prague May 2007 Skull Base

Are internet sites providing evidence based information for patients suffering from trigeminal Neuralgia. Demetriades A, Varinda ALG, Hardwidge C. ESBS Rotterdam April 2009 **Abstract** Skull Base Journal

Malignant Transformation of Acoustic Neuroma 10 years after Gamma Knife Stereotactic Radiosurgery. Demetriades A, Saunders N, Rose P, Fisher C, Tranter R, Hardwidge C. ESBS Rotterdam April 2009. **Abstract** Skull base Journal

Out of hours MRI scanning for cauda equina syndrome (CES): what is the positive pick-up rate and what are the final diagnoses in those with a negative scan?

K. Demetriades, E. Broughton, J. Akinwunmi, G. Critchley, .Gunasekera, J. S. Norris & C. Hardwidge (Hurstwood Park Neurological Centre, Brighton and Sussex University Hospitals). **Abstract BJNS** Proceedings of the 154th Meeting of the Society of British Neurological Surgeons: Dublin, Ireland, *British Journal of Neurosurgery*, October 2009; 23(5): 475

Intracranial extension of Temporomandibular Joint Synovial Chondromatosis: A rare complication of a rare condition. C.S.S.A. Mansi, B. Zebian & C. Hardwidge
British Journal of Neurosurgery 2011 April; 25(2)191

Anti platelet therapy in the emergency neurosurgical setting. B, Zebian, F Newman & C Hardwidge.
BJN Oct. 2011; 25(5)578

Regression of multiple meningiomata after cessation of cyproterone acetate. B Zebiam, M McDonald, B Cheserem, O Adebayo & C Hardwidge. *British Journal of Neurosurgery* April 2012;26(2):167

Retrospective review of outcome and complications of a single surgeons' experience of microvascular decompression(MVD) of the Trigeminal Nerve over 13 years. Robert Corns, Charlotte Ward & Carl Hardwidge. *British Journal of Neurosurgery* April 2013

Presentations to learned societies

Changes in Peripheral Blood Flow Produced by Spinal Cord Stimulation.

Hardwidge C. Southampton University Medical School Fourth year Conference.1980.

Primary Cerebral Lymphoma – An Epidemic? Hardwidge C, Diengough V, Husband D, Nash J. The British Neuropathological Society. The national hospital for nervous diseases. January 12th 1989.

Primary Cerebral Lymphoma – A Clinico-Pathological Study. Hardwidge C, Diengough V, Husband D, Nash J.,Husband D. Central UK Neurosurgical Society. April 1990.

Symptomatic Aerocele after Acoustic Neuroma Surgery. Hardwidge C, Brydon H, Hockley A D, Proops D. The first International conference on Acoustic Neuroma. Copenhagen, Denmark. August 25-29, 1991.

Spina Bifida and Syringomyelia. A Study Of 20 Cases. Hardwidge C, Williams B. The society for research into hydrocephalus and spina bifida. Liverpool meeting. July 10-13 1991.

Spina Bifida and Syringomyelia. Hardwidge C, Williams B. The Society of British Neurosurgeons. Birmingham 1992

Spina Bifida and Syringomyelia. Hardwidge C, Williams B. XX Annual meeting of the international society for paediatric neurosurgery, Prague, 3-6 June 1992

Anterior Cervical Discectomy with and without Grafting. A safe and effective Proceedure. U Igbaseimokumo, C Hardwidge, G Barbagallo, S Naik, P H Walter, P J Ward. Societ of British Neurosurgeons Sheffield April 1998.

Anterior Cervical Discectomy with and without Grafting. U Igbaseimokumo, C Hardwidge , G Barbagallo, S Naik, P H Walter, P J Ward. Society of British Neurosurgeons Brighton Sept 1999.

Is Routine grafting following anterior cervical discectomy justified? Who needs grafting? U Igbaseimokumo, C Hardwidge, G Barbagallo, S Naik, P H Walter, P J Ward. British Cervical Spine Society, London Nov 1998.

Study Of Discharge Delays from a Neurosurgical Unit to Referring Hospitals. W Garrett, C Hardwidge. Society of British Neurosurgeons Brighton 1998.

M.R.I. For Trigeminal Neuralgia and Hemi-Facial Spasm. R Dossitor, D. Saunders, K. Prosser and C. Hardwidge. British society of Neuroradiologists. Kinsale, Eire. 10th October 1998.

M.R.I. Imaging in Trigeminal Neuralgia and Hemifacial Spasm. R. Dossitor, D. Saunders, K Prosser and C. Hardwidge. MRRA (UK) Bristol 7th may 1999.

M.R.I. Imaging in Trigeminal Neuralgia and Hemifacial Spasm. R. Dossitor, D. Saunders, K Prosser and C. Hardwidge. European Congress of Neuroradiologists Vienna 1999.

Is MRI Scanning Useful in the Management of Microvascular Compression? Dardis R, Hardwidge C, Dossitor R. Society of British Neurosurgeons. Cork Sept 1999.

Is routine grafting following anterior cervical discectomy justified? U Igbaseimokumo, C Hardwidge, G Barbagallo, S Naik, P H Walter, P J Ward. World Spine 1 - First Interdisciplinary World Congress on Spinal Surgery. Berlin. Aug 2000.

To follow up or not to follow up: that is the question. John Goodden Carl Hardwidge, R Tranter. British Skull Base Society. Queen Square.2002

Setting the Standard –UK Neurosurgical acoustic neuroma practice. Goodden JR, Hardwidge C, Tranter RDM. British Skull Base Society. Queen Square.2002

To follow up or not to follow up: that is the question. John Goodden Carl Hardwidge, R Tranter. European Skull Base conference. Barcelona. March 2003

Setting the Standard –UK Neurosurgical acoustic neuroma practice. GooddenJR, Hardwidge C, Tranter RDM. Fourth international Conference on Vestibular Schannoma & other CPA Lesions. Cambridge 13-17 July 2003

Hearing Rehabilitation after acoustic neuroma surgery. R Tranter, C Hardwidge. ENT Meeting Antigua 2004

Delayed definitive debridement in 125 cases of crainospinal gunshot wounds. SBNS. Manchester 2004. Liebenberg W Adriaan, , Demetriades Andreas K, Hankins Matthew, Hardwidge Carl, Hartzenberg Bennie H

Your eyes in the back of your head –ocular disturbances in Arnold chiari Type1 malformation. Liebenberg W A, Demetriades A K, Georges H, Jones R, Hardwidge C. 4th International Skull base meeting Sydney 2004

To follow up or not to follow up: that question. John Goodden Carl Hardwidge, R Tranter. 4th World federation skull base meeting. Sydney 2004

Setting the Standard –UK Neurosurgical acoustic neuroma practice.

GooddenJR, Hardwidge C, Tranter RDM. 4th World federation skull base meeting. Sydney 2004

Ocular Manifestations in Hindbrain Hernias- Liebenberg W A, Demetriades A K, Georges H, Jones R, Hardwidge C. European Association of Neurosurgery winter meeting. Prague 2005

Ocular Manifestations in Hindbrain Hernias- Liebenberg W A, Demetriades A K, Georges H, Jones R, Hardwidge C. Pre Olympic International Neurosurgical winter meeting, Torino, Italy. 2005

Ocular Manifestations in Hindbrain Hernias- Liebenberg W A, Demetriades A K, Georges H, Jones R, Hardwidge C. 7th European Skull Base Meeting. Fulda Germany. 2005

BAHA use in Trans labyrinthine acoustic neuroma resection. Tranter R, Liebenberg W A, Georges H, , Hardwidge C. British Skull Base Society. Brighton 2005

Adult Spinal Epidural abscesses: Clinical features and prognostic Characteristics. Andreas Demetriades, W, Adriaan Liebenberg, Sunil Niak, James Akinwunmi, Giles Critchley, John Norris, Lal Gunasekera, Carl hardwidge. World congress of Neurosurgery. Marrakech 2005

Constantin Von Economo (1876-1931): A polymath and pioneering Neuroanatomist and aviator. Andreas Demetriades, W Adriaan Liebenberg, Carl Hardwidge. AANS . New Orleans. April 16-21

Attempted Suicide by Gunshot Wounds of the Brain: Symptom of a privileged Society in Africa? Liebenberg W Adriaan, , Demetriades Andreas K, Hardwidge Carl, Hartzenberg Bennie H. AANS. New Orleans April 16-21.2005.

Your eyes in the back of your head –ocular disturbances in Arnold chiari Type1 malformation. Liebenberg W A, Hardwidge C. SBNS Edinburgh April 2005.

Constantin Von Economo (1876-1931): Pioneer Neuroanatomist, Neurophysiologist and aviator. Andreas Demetriades, W Adriaan Liebenberg, Carl Hardwidge. World congress of Neurosurgery .Marrakech 2005

Mathematical modelling of Syringomyelia
Brighton University 2005 P Harris, C Hardwidge

Mathematical modelling of Syringomyelia
British Neurosurgical research group 2006
P Harris, C Hardwidge

Mathematical modelling of Syringomyelia
Math meeting in Toronto 2006. P Harris, C Hardwidge

A case series of 21 consecutive adult spinal epidural abscesses in a tertiary neurosurgical centre. European association of Neurosurgery Winter meeting (2006)

A K. Demetriades, WA Liebenberg, S Naik, J Akinwunmi, G Critchley, J Norris, L Gunasekera, and C Hardwidge

Outcome of bone-Anchored Hearing Aid Provision for Unilateral Deafness Following Acoustic Neuroma Surgery. C L. Ward, A D Morley, S Hogan, A Burchett, N C Saunders, R Tranter, C Hardwidge.

British Skull Base Society Birmingham 26th Jan 2007

Outcome of bone-Anchored Hearing Aid Provision for Unilateral Deafness Following Acoustic Neuroma Surgery. C L. Ward, A D Morley, S Hogan, A Burchett, N C Saunders, R Tranter, C Hardwidge.

SBNS Charing Cross Meeting April 2007

Outcome of bone-Anchored Hearing Aid Provision for Unilateral Deafness Following Acoustic Neuroma Surgery. C L. Ward, A D Morley, S Hogan, A Burchett, N C Saunders, R Tranter, C Hardwidge.

European Skull Base society meeting Prague may 2007

Outcome of bone-Anchored Hearing Aid Provision for Unilateral Deafness Following Acoustic Neuroma Surgery. C L. Ward, A D Morley, S Hogan, A Burchett, N C Saunders, R Tranter, C Hardwidge.

North American Skull Base society Chicago may 2007

“Does posterior fossa decompression improve oculomotor and vestibulo-ocular manifestations in Chiari 1 malformations?” Liebenberg –W-A, Georges H, Demetriades A K, Hardwidge C.

Syringomyelia 2007 Rugby Oct 25th 2007

Finite element modelling of Syringomyelia. P J Harris and Carl Hardwidge.

Syringomyelia 2007 Rugby Oct 24th 2007

QUANTITATIVE TASTE FUNCTION STUDIES IN ADULTS UNDERGOING TREATMENTS OF THE EAR. Anthony D. Morley*, Nicholas C. Saunders*, Carl

Hardwidge** and Robert M. Tranter*.PROGRAM OF THE 18TH EUROPEAN CHEMORECEPTION RESEARCH ORGANIZATION CONGRESS, ECRO-2008 (Grand Hotel Bernardin, Portorož, September 3-7, 2008)

Quantitative taste loss in facial palsy patients Morley AD, Saunders NC,

Hardwidge C, Tranter RM. Facial Nerve Symposium 25-28th April 2009 Rome

Are internet sites providing evidence based information for patients suffering from trigeminal Neuralgia. Demetriades A, Varinda ALG, Hardwidge C. ESBS

Rotterdam April 2009

Malignant Transformation of Acoustic Neuroma 10 years after Gamma Knife Stereotactic Radiosurgery. Demetriades A, Saunders N, Rose P, Fisher C, Tranter R, Hardwidge C. ESBS Rotterdam April 2009

Outcomes of bone-anchored hearing aid provision for unilateral deafness following acoustic neuroma surgery. Tranter Robert, Ward C L, Morley, Anthony; Burchett, Alison; Saunders, Nick; Hardwidge C. Second international Symposium on Bone Conduction Hearing – Craniofacial osseointegration. 1-13 June Gothenberg Sweden 2009.

Out of hours MRI scanning for cauda equina syndrome (CES): what is the positive pick-up rate and what are the final diagnoses in those with a negative scan?

K. Demetriades, E. Broughton, J. Akinwunmi, G. Critchley, .Gunasekera, J. S. Norris & C. Hardwidge (Hurstwood Park Neurological Centre, Brighton and Sussex University Hospitals). 154th Meeting of the Society of British Neurological Surgeons: Dublin, Ireland, British Journal of Neurosurgery, October 2009; 23(5): 475

Intracranial extension of Temporomandibular Joint Synovial Chondromatosis: A rare complication of a rare condition. C.S.S.A. Mansi, B. Zebian & C. Hardwidge
SBNS Bristol 2011

Anti platelet therapy in the emergency neurosurgical setting. B, Zebian, Newman & C Hardwidge. SBNS Brighton 2011

Regression of multiple meningiomata after cessation of cyproterone acetate. B Zebian, M McDonald, B Cheserem, O Adebayo & C Hardwidge. SBNS Aberdeen 2012 April

Retrospective review of outcome and complications of a single surgeons' experience of microvascular decompression(MVD) of the Trigeminal Nerve over 13 years. Robert corns, Charlotte Ward & Carl Hardwidge. Society of British Neurosurgeons Sheffield May 2013

Subtotal resection of large acoustic neuromas. The European Society of Skull Base Surgeons. Berlin May 2016. H Georges & C Hardwidge

Subtotal resection of large acoustic neuromas. British Skull Base Society. Cardiff, January 2017. H Georges & C Hardwidge

The Role of the medical training initiative in developing educational partnerships in Neurosurgery British society of Neurosurgeons Liverpool Sept 2017 J Cheserum & C Hardwidge

Posters

Small Bowel Strangulation, an Unusual Complication of Ventriculoperitoneal Shunt Removal. Hardwidge C, Chapple A. The society for research into hydrocephalus and spina bifida. Liverpool meeting. July 10-13 1991. (Poster)

Hearing on a pedestal – cutting time to BAHA use in trans labyrinthine acoustic neuroma resection. Liebenberg W A, Georges H, Tranter R, Hardwidge C. Poster. Cochlear implants and BAHA conference. Stelenbosh 2005

Hearing on a pedestal – cutting time to BAHA use in Trans labyrinthine acoustic neuroma resection. Liebenberg W A, Georges H, Tranter R, Hardwidge C. Poster. Cochlear implants and BAHA conference. Stelenbosh 2005

Adult Spinal Epidural abscesses: Clinical features and prognostic Characteristics. Andreas Demetriades, W, Adriaan Liebenberg, Sunil Niak, James Akinwunmi, Giles Critchley, John Norris, Lal Gunasekera, Carl Hardwidge. Poster AANS New Orleans. April 16-21 2005

Pulsed Radiofrequency Lesioning for Trigeminal Neuralgia. Poster. CR Jones , W A Liebenberg, C Hardwidge. SBNS Torquay Sept 05.

Outcome of bone-Anchored Hearing Aid Provision for Unilateral Deafness Following Acoustic Neuroma Surgery. C L. Ward, A D Morley, S Hogan, A Burchett, N C Saunders, R Tranter, C Hardwidge. ENT UK Sept 07

Are internet sites providing evidence based information for patients suffering from trigeminal Neuralgia. Demetriades A, Varinda ALG, Hardwidge C. Society of British Neurosurgeons Birmingham May 2009
Best Poster Prize.

Are preoperative coagulation studies in elective Neurosurgery Necessary ? H.A. Elhassan, M. Choo, J.G. Bull, C Hardwidge SBNS Dublin October 2009
Best Poster Prize.

Intracranial extension of Temporomandibular Joint Synovial Chondromatosis: A rare complication of a rare condition. C.S.S.A. Mansi, B. Zebian & C. Hardwidge
SBNS Bristol March 2011

Invited Speaker

The Management of degenerative Disc Disease.

Mid Sussex Post Graduate Lecture 1993

Metastatic Spinal Cord Compression.

Guest Speaker for the Southwest Thames Orthopaedic Society. 21st May 1993
Brighton

Neurosurgery and the Spine.

Brighton GP Update Course 1994

Lecksel Stereotactic Surgery course

- invited faculty member.

Lectures on- Indications for Stereotactic surgery. & Future developments in Stereotactic Surgery. Queen Square Hospital 1994

Spinal surgery all you need to know.

Nuffield postgraduate lecture 1995

Trigeminal Neuralgia.

Eastbourne Postgraduate Medical centre 1995

The Management of Acoustic Neuromas.

South of England Neurological society. 1998

Spinal Surgery – all you need to know

. National Chiropractic Conference. Arundel.1998

ENT and Neurosurgery working together

. Nuffield Lecture 1999.

Invited Guest Lecturer “The Penfield Lecture”

Beirut June 2000 “Acoustic Neuromas, the Truth, the Whole Truth & Nothing but the Truth”

Gold Standard Treatment for Back Pain

The Ashdown Lecture 2000 Wednesday 18th October 2000

Head injuries for GPs.

GP neuroscience update course. Redhill 2001

Acoustic Neuroma the Truth the Whole Truth.

Crawley Postgraduate centre lecture. 2004

Cervical pain.

Brighton GP Update Course 2003

Neurosurgery - anything you wanted to know and were afraid to ask.

Mid Sussex Post Graduate Lecture 2005.

Syringomyelia..

Dept of Neurosurgery Tigerbahn Hospital. Cape Town 2005

Cranial catastrophes

SBNS 2005 Trainees Teaching. Torquay.

Management of Spinal Injuries

Southwest Orthopaedic society. 2006 Brighton.

Chiari Malformations for Skull base surgeons

Rotterdam Skull Base Course January 2006.

Controversies in Neurosurgery Symposium.

19th Oct 2006 Marlow Controversies in Skull base Surgery

European Skull Base Conference.

Prague 2-5th May 2007. Chiari Malformations. Seminar

Trigeminal Neuralgia Association–

Conference UK – Pulsed Radiofrequency Rhizotomy -31st June 2007

Brighton and Sussex Medical School Neuroscience Research day.

19th Nov 2008. Syrinx, Maths and King Charles Spaniels. C Hardwidge and PJ Harries

British Skull Base Society Cambridge meeting

January 2009. Round Table hearing preservation in acoustic neuromas.

Complications in Skull Base Surgery

European Skull Base Society Rotterdam. April 2009

Risk and complications in Skull Base Surgery

World Federation of Neurosurgeons. Boston September 2009

Management of Large Acoustic Neuromas.

Polish Skull Base Society Conference. Invited Speaker. Warsaw. 11th June 2010
Friday

Representing European Skull Base Society

Technical Advances in Skull Base Surgery June 30th -July 2nd.2011

Royal college of surgeons England Speaker / demonstrator

History of Skull Base Surgery Dec 2nd 2010

Brighton Med Chi Soc

Stereotactic radiotherapy for Chordomas and Chondrosarcomas. North

American Skull Base Society Phoenix Arizona 17 -23rd Feb 2011

“Rest of World team” for the Skull Base Jeopardy. North American Skull Base Society Phoenix Arizona 17 -23rd Feb 2011

The Management of Skull base Chondrosarcoma. Rotterdam Skull Base course June 2011

Small Acoustic Neuroma Panel. Vestibular Neuroma and other CP angle Lesions Congress. Los Angeles California 30th June 2011

The Victor Horsley Lecture Society of British Neurosurgeons, Brighton September 2011

The History of acoustic neuroma Surgery and the current state of the art

Conventional Approaches to Anterior Fossa meningioma’s. North American Skull Base Society Las Vegas Feb 2012

Complications in Posterior fossa surgery, the Petrosal vein. Round table presentation. European Skull Base Society Paris 27th June 2014

Microvascular decompression for Trigeminal Neuralgia – the state of the art. Round Table. The European Skull Base Society Paris 28th June 2014

Materials and methods in preventing CSF Leaks. Breakfast Seminar. Society of British Neurosurgeons. Newcastle April 2016

Subtotal resection of Acoustic Neuromas is it an acceptable approach. Round Table Chairman and Presentation. European Skull Base Society. Berlin May 2016.

Preventing complications in Skull Base Surgery. Round Table Chairman and Presentation – **A System approach** -. European Skull Base Society. Berlin May 2016.

Tips and techniques in preventing CSF leaks. Breakfast seminar. Society of British Neurosurgeons. Liverpool September 2017

Conferences organised

Neurosurgical Senior Registrar conference Birmingham 1991

I organised the venue, Lecture Program and social events for approx 25 British neurosurgical senior registrars over 2 days.

Head Neck and Facial Pain Conference Brighton 1997

In conjunction with Robert Tranter ENT surgeon this conference was organised over 3 days. It was multi-disciplinary with national and international speakers lectures round tables and Short papers. Over 300 attended from many disciplines including neurosurgery, ENT, Max Fax, Pain doctors, dentists, Psychologists and general practice.

Society of British Neurosurgeons Conference Brighton 1999

I was lead organiser for this event organising the venue and all social events including dinner and opera at Glynbourne &. I introduced the society to professional conference organisers. Over 200 society members attended over 3 days. First time the society conference was hosted by Hurstwood park.

British Skull base Society Brighton 2005

Lead organiser of the venue, program and all social events over 2 days approximately 100 attended

Society of British Neurosurgeons Conference Brighton Sept 2011

This was the second time I organised this conference in conjunction with the society in house conference organiser. I chose the venue, developed the life long learning program and organised the social events along with giving the Victor Horsley Lecture. 250+ over 3 Days

World federation of Skull Base Surgeons with European Skull Base Society Conference Brighton May 2012 “Skull Base 2012”

As President elect of the European Society I led a successful bid to host the world congress and was one of the 2 leads organising this congress along with the President elect of the World Society Prof Mike Gleeson. The conference was over 3 days with a pre congress cadaveric skull Base Surgical Course, 700+ from 50 countries attended the largest World Skull Base Congress ever.

On Organising Committee for:-

European Skull base Conference Prague 2007

Syringomyelia 2007 Conference Birmingham 2007

Member of bid committee for World congress of Neurosurgery London 2017

Chairman of the Events committee for Word Congress 2017

Sessions Chaired at national and international meetings

British Neurosurgical Research Group Haywards Heath 2006
SBNS Charring Cross May 07
EANS Glasgow Sept 3rd 07 Skull Base and CP angle Tumours
Veterinary Syringomyelia – Syringomyelia 2007 Rugby
British Skull Base Society Cambridge 2009 – Short Papers
Poster Judge European Skull Base society conference Prague 2007
Poster Judge European Skull Base society conference Rotterdam 2009
Judge for ESBS Fellowships 2007 & 2009
Poster Judge SBNS GOS Sept 2010
Skull Base Trauma. North American skull Base Society Phoenix Arizona Feb 2011
Chaired Session
Judged Best abstract and Poster for Skull Base 2012
Judged applications for Stortz Fellowships Skull Base 2012
Judged ESBS Fellowships Skull base 2012
Judged Best Abstract 2014 ESBS Paris
Subtotal resection of Acoustic Neuromas ESBS Berlin 2016
Prevention of Complications in Skull Base Surgery ESBS Berlin 2016
Free paper session SBNS Liverpool 2017
Free paper session and Special British Session ESBS April 2018
Free Paper session British and Irish Meningioma Society Cuckfield May 2018

Societies

British Medical Association

Hospital Consultant and Specialist Association

Society of British Neurological Surgery

Council member 2005 - 9

British Cervical Spine Society

British Association of Spinal Surgeons

British Skull Base Society

President 2006-2009

European Skull Base Society

Executive committee member 2005-14

President 2012-14

Innominate Society 2010-

Medico legal Work

I undertook Report writing and court appearance training shortly after taking up my consultant post in 1992. Over the next 5 years I regularly undertook personal injury cases. During that time I received a number of instructions regarding spinal injury cases and the influence of post traumatic syringomyelia on life expectancy which resulted in having to appear in the high court on two occasions. I did a small amount of medical negligence work as I felt I was too junior to have fully formed opinion on negligence issues.

At that time I became extremely busy with clinical work and other commitments and found I could not commit to instructions and so stopped taking them at that time.

In 2016 I undertook a further report writing course and court room practice through the Royal Society of Medicine. Since then I have provided reports for medico legal cases for both the defense and the plaintiff. I have acted as the coroner's expert for issues relating to neurosurgery and been her expert in a jury case. Having stepped down from the clinical director role I look forward to developing my medico legal Practice.

OUTSIDE INTERESTS

- Sailing – Member of Brighton Marina Yacht club Owner/skipper both racing and cruising
I took part in the Fastnet Race 1991, 1996 and in 1999 I skippered own boat.
Active member of Brighton marina Yacht club
Skippered winning yacht in NHS regatta 2003, 5 & 8, 2nd in 2004, 3rd 2007
Qualified Yacht master 2005 with a commercial endorsement
Did outward leg of the Azores and back Race. Double handed race approx.1300miles in 2007 with retired neurosurgeon Professor Alan Crockard
- Country Sports
- Fly Fishing

