



## CURRICULUM VITAE

BRUCE IAN HALL

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### **Address**

Queensland Neurosurgery and Spine Surgery  
Ramsay Specialist Centre  
Suite 325, 3<sup>rd</sup> Floor  
Newdegate Street  
Greenslopes Queensland 4120  
Australia

### **Business**

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## APPOINTMENTS

### Visiting Neurosurgeon

Greenslopes Private Hospital  
Mater Private Hospital  
Princess Alexandra Hospital  
Mater Public Hospital - Adults and Childrens  
Brisbane Private Hospital

## POSITIONS

### Present

Managing Director, Founding Member of  
Queensland Neurosurgery and Spine Surgery

Board Member  
Queensland Neurosurgery Research Foundation

Director of Neurosurgery  
Greenslopes Private Hospital

Chairman of Neurosurgery  
Princess Alexandra Hospital

Board Member  
Neurosurgical Society of Australasia

Board Member  
SET Board of Neurosurgery  
Neurosurgical Society of Australasia

Senior Lecturer, University of Queensland

Vice-President Asian Conference of Neurological  
Surgeons

Vice-President Asian-Australian Society of  
Neurological Surgeons

### Past

1999 Chairman, Queensland Branch of Neurosurgical  
Society of Australasia

1999 Member Organising Committee (Neurosurgery)  
12<sup>th</sup> Biennial Congress of Asian Surgical  
Association

1982 Vice-President University of Queensland Medical  
Society

1981 Medical Student Representative to University of

## MEMBERSHIP

Royal Australasian College of Surgeons  
Neurosurgical Society of Australasia  
Australian Medical Association  
Asian-Australasian Society of Neurological Surgeons  
Asian Conference of Neurological Surgeons  
Congress of Neurosurgical Surgeons

## EDUCATION

### Postgraduate

1995 International Fellow and Senior Registrar  
Department of Neurosurgery  
Addenbrookes NHS Trust  
CAMBRIDGE UK

Spinal Fellow  
Walton Centre for Neurology  
and Neurosurgery NHS Trust  
LIVERPOOL UK

1994 FRACS PART II (Neurosurgery)

1989 FRACS PART I

### Tertiary

1978-84 MB BS  
University of Queensland

## ELECTIVES / SCHOLARSHIPS

1982-83 (12 months) Queensland University Exchange Student to  
Keio University Japan  
Australia-Japan Foundation Scholarship  
Freemasons Scholarship

1976 (12 months) Rotary Exchange Student Japan

## PRIZES

- 1993 PETER LEECH MEMORIAL PRIZE  
“Horse Riding and Head Injuries; Do Helmets Make a Difference”. (*The best paper presented by a neurosurgical trainee at the Annual Scientific Meeting of the Neurosurgery Society of Australasia*)
- 1991 Glaxo Award for Teaching (Registrar) (RBH)
- 1990 Davis & Geck 1990 Registrars Best Paper Award (RBH)

## LANGUAGES

English  
Japanese

## PRESENTATIONS

### **Invited International Guest Speaker**

- 2009 World Congress of Neurosurgical Society  
Boston, USA. August 30 – September 4
- 2006 The 6<sup>th</sup> Asian Conference of Neurological Surgeons  
Mumbai, India. January 26 - 29
- 2004 4<sup>th</sup> Beijing Minimally Invasive Neurosurgery Symposium  
Beijing, China. September 26 - 28
- Surgery for Acoustic Neuroma and Posterior Fossa  
Tumours  
Hanzhou, China. September 28  
Guangzhou, China. September 29
- 2004 Annual Spring Meeting of The Korean Neurosurgical  
Society  
Prosthetic Disc Surgery in the Cervical Spine  
Pusan, Korea. April 8 - 10
- 2004 The 5<sup>th</sup> Asian Conference of Neurological Surgeons  
Karawaci-Tangerang
1. Neuronavigation in Movement Disorder Surgery
  2. Prosthetic Disc Surgery
  3. Use of Interbody Cages in Both Lumbar and Cervical  
Surgery
  4. Operations for Acoustic Neuroma and Other Skull Base  
Tumours of the Posterior Fossa
- Jakarta, Indonesia. January 12 - 15
- 2001 150<sup>th</sup> Annual Scientific Meeting Indian Neurosurgical  
Society

Recent Advances in Neuronavigation  
Mumbai, India. May

### **Presentations at International Conferences**

- 2009 World Congress of Neurosurgical Society  
1. Artificial Lumbar Disc  
Boston, USA. August 30 – September 4
- 2006 The 6<sup>th</sup> Asian Conference of Neurological Surgeons  
Mumbai, India. January 26 - 29
- 2001 World Congress of Neurosurgery  
1. Use of Interbody Cages in Cervical Spine Surgery  
2. Clinical Outcome Following Pallidotomy  
Sydney, Australia. September 16 - 20
- 1998 Asian Australasian Neurosurgical Society Triannual Meeting  
1. Recent Advances in Neuronavigation  
2. Clinical Outcome Following Pallidotomy in Parkinsons Disease  
3. Interbody Cages for Fusion in Cervical Spine  
Lahore, Pakistan. November

### **Presentations at Australian Conferences**

- 2006 The Global Scientific Neurosurgery Meeting  
Brain Injury Meeting  
Chairman  
Gold Coast, Australia.
- 1998 NSA Annual Scientific Meeting  
Clinical Results For a Series of 100 Patients With  
Interbody Cages In Cervical Fusion  
Hamilton Island, Australia.
- 1997 RACS Annual Scientific Meeting  
Outcome at 3 months following unilateral and bilateral  
pallidotomy  
Brisbane, Australia. May

### **MAJOR NATIONAL / INTERNATIONAL MEETINGS ATTENDED**

- 2011 SSIS Stryker Meeting  
Korea
- 2010 Asia Pacific Spine Symposium  
Brisbane, Australia.  
NSA Annual Scientific Meeting  
Coolum, Australia.  
Asia Pacific Cervical Spine Society  
Sydney, Australia

- 2009      14<sup>th</sup> World Congress of Neurosurgical Society  
Boston, USA.  
Royal Australian College of Surgeons  
Perth, Australia.  
Spine Society of Australia  
Brisbane, Australia.
- 2008      Spine Society of Australia  
Adelaide, Australia.
- 2006      The Global Scientific Neurosurgery Meeting  
Brain Injury Meeting  
Gold Coast, Australia.
- 2005      Glioma 2005  
Sydney, Australia.
- 2004      Chinese and Korean and Jakarta and Congress of  
Neurological Surgeons  
San Francisco, USA.  
Spine Arthroplasty Society Annual Meeting  
New York, USA.
- 2003      International Society for the Study of the Lumbar Spine  
Vancouver, Canada.
- 2001      12<sup>th</sup> World Congress of Neurosurgery  
Sydney, Australia.
- 1999      Congress of Neurological Surgeons  
Boston, USA.  
NSA Annual Scientific Meeting  
Melbourne, Australia.
- 1998      Congress of Neurological Surgeons  
Seattle, USA.  
World Meeting on Parkinsons Disease  
New York, USA.

## **WORKSHOPS CONDUCTED**

- 2011      Stryker Argo Cadavar Course
- 2009      Asia Pacific Spine Symposium
- 2008      Synthes Cadavar Course
- 2007      University of NSW workshop on Bryan cervical disc
- 2006      Monash University Melbourne workshop Bryan Cervical  
disc
- 2005      Sydney University workshop on surgical technique for  
Bryan Cervical disc replacement

- 2004            Bangalore India conducted workshop on the use of  
Neuronavigation for intracranial surgery
- 2001            Vienna Austria Lumbar disc replacement surgery  
Maverick disc

## PUBLICATIONS / ARTICLES

HALL B I. Punch injuries in Far North Queensland  
The Medical Journal of Australia. 6:92

FINDLAY Gordon F, HALL Bruce I, SELE MUSA B, OLIVEIRA Mauricio D,  
FEAR Simon C. 'SPINE'. *Vol 23, Number 10, pp1168-1171*  
A 10 Year Follow-up of the Outcome of Lumbar Microdiscectomy.

HALL B I et al. Non-Microelectrode Recording guided pallidotomy:  
Indications, technique and results. Image Guided Pallidotomy -  
Progress in neurological surgery:  
Movement Disorder Surgery: Progress and challenges

D'URSO P.S., TOMLINSON F.H., EARWAKER W.J., BARKER T.M.,  
ATKINSON R.L., WEIDMANN M.J., REDMOND M., HALL BI, M'KIRDY B.,  
LOOSE S., WAKELEY G.D., REIK A.T., EFFENEY D.J. Stereolithographic  
(SLA) Biomodelling in Cranioplastic Implant Surgery. Proceedings of  
the International Conference on Recent Advances in  
Neurotraumatology. Gold Coast, Australia. September 25-28. (1994)  
*Pages 153-6.*

D'URSO P.S., ATKINSON R.L., WEIDMANN M.J., REDMOND M.J., HALL  
B.I., EARWAKER W.J.S., THOMPSON R.G., EFFENEY D.J. Biomodelling  
of skull base tumours. The Journal of Clinical Neuroscience. (1999)  
*6:1 31-35.*

D'URSO P.S., HALL B.I., ATKINSON R.L., WEIDMANN M.J., REDMOND  
M.J. Biomodel guided stereotaxy. Neurosurgery. (1999) *44(5):1084-  
1093*

D'URSO P.S., THOMPSON R.G., ATKINSON R.L., WEIDMANN M.J.,  
REDMOND M.J., HALL B.I., JEAUVONS S.J., BENSON M.D., EARWAKER W.J  
S. Cerebrovascular biomodelling. Surgical Neurology. (1999) *52(5):  
490-500.*

## JOURNAL PAPERS

1. WHELAN B-M., MURDOCH B.E., THEODOROS G., SILBURN, AND  
HALL B. (2005).  
Borrowing from models of motor control to translate cognitive  
processes: Evidence for hypokinetic-hyperkinetic linguistic  
homologues. *Journal of Neurolinguistics, 18(5), 361-381.*

2. WHELAN B-M., MURDOCH B.E., THEODOROS D.G., HALL B AND SILBURN, P.A. (2005).

Beyond verbal fluency: Investigating the long-term effects of bilateral subthalamic (STN) deep brain stimulation (DBS) on language function in 2 cases. *Neurocase*, 11(2), 1-10.

3. WHELAN B.-M., MURDOCH B.E., THEODOROS D.G., SILBURN P.A., AND HALL B. (2004).

Re-appraising contemporary theories of subcortical participation in language: Proposing an interhemispheric regulatory function for the subthalamic nucleus (STN) in the mediation of high-level linguistic processes. *Neurocase*, 10 (5), 345-352.

4. WHELAN, B-M., MURDOCH B.E., THEODOROS D.G., SILBURN P AND HALL B. 2004).

Redefining functional models of basal ganglia organisation: Role for the posteroventral pallidum in linguistic processing. *Movement Disorders*, 19 (11), 1267-1278.

5. WHELAN B-M, MURDOCH B.E., THEODOROS D.G., HALL B AND SILBURN P.A. (2003).

Building upon working theories of subcortical participation in language: Integration of intrinsic basal ganglia circuitry. *Acta Neuropsychologica*, 1(2), 174-193

6. WHELAN B.-M., MURDOCH B.E., THEODOROS D.G, HALL B AND SILBURN P.A. (2003).

Defining a role for the subthalamic nucleus within operative theoretical models of subcortical participation in language. *Journal of Neurology, Neurosurgery and Psychiatry*, 74, 1543-1550.

7. WHELAN B.-M., MURDOCH, B.E., THEODOROS D.G., SILBURN P.A. AND HALL B. (2002).

A role for the dominant thalamus in language?: A linguistic comparison of 2 cases subsequent to unilateral thalamotomy procedures in the dominant and non-dominant hemispheres. *Aphasiology*, 16 (12), 1213-1226

## **ABSTRACTS / CONFERENCE PROCEEDINGS**

1. WHELAN B-M., MURDOCH B.E., THEODOROS D.G., SILBURN P.A., AND HALL B. (2004).

Investigating long-term effects of subthalamic nucleus (STN) deep brain stimulation (DBS) on language: A study of 2 cases [Abstract]. *Journal of the International Neuropsychological Society*, 10 (4), 42.

2. WHELAN B-M., MURDOCH B.E., THEODOROS D.G., SILBURN P.A. AND HALL B. (2004).

Investigating long-term effects of subthalamic nucleus (STN) deep brain stimulation (DBS) on language: A study of 2 cases [Abstract]. *Brain Impairment*, 5 (Suppl. July), 105.

3. MURDOCH B.E., WHELAN B.-M., THEODOROS D.G., HALL B AND SILBURN P.A. (2003).

Correlating motor and cognitive behaviour: Exploring the notion of akinetic and dyskinetic linguistic homologues [Abstract]. *Brain and Language*, 87, 192.

## CONFERENCE PRESENTATIONS

1. WHELAN B.-M., MURDOCH B.E., THEODOROS D.G., HALL B AND SILBURN, P.A. (2003, May). *Exploring the Notion of Subthalamic Laterality: The Linguistic Comparison of 2 Cases subsequent to Surgically Induced Functional Inhibition of the Subthalamic Nucleus (STN) in the Dominant and Nondominant Hemispheres*. Poster presented at the 33<sup>rd</sup> Clinical Aphasiology Conference, Orcas Island, Washington, USA.

2. MURDOCH, B.E., WHELAN, B-M., THEODOROS, D.G., HALL B AND SILBURN, P.A. (2003, October). *Correlating motor and cognitive behaviour: Exploring the notion of akinetic and dyskinetic linguistic homologues*. Poster presented at the Academy of Aphasia 41<sup>st</sup> Annual Meeting, Vienna, Austria.

3. WHELAN, B-M., MURDOCH, B.E., THEODOROS D.G., SILBURN, P.A. AND HALL B. (2004, July). *Investigating long-term effects of subthalamic nucleus (STN) deep brain stimulation (DBS) on language: Study of 2 cases*. Paper presented at the Australian Society for the Study of Brain Impairment (ASSBI) and the International Neuropsychological Society (INS) Annual Meeting, Brisbane, Australia. Society (INS) Annual Meeting, Brisbane, Australia.