

CURRICULUM VITAE

ANDREW CHRISTIAN ZACEST

Department of Neurosurgery, 1 Port Road, Adelaide, 5000, Australia.

1. PERSONAL DETAILS

2. ACADEMIC QUALIFICATIONS.

2.1. TERTIARY EDUCATION

F.F.P.M.A.N.Z.C.A.	2007
F.R.A.C.S. (Neurosurgery)	2007
M.S. (Uni of Adelaide)	2003
M.B.B.S. (Uni of Adelaide)	1995. Dean's List

2.2 AWARDS

Distinguished Service Award RACS	2011/2017/2021
Clinical Associate Professor Uni of Adelaide	2010
Stuart Morson Scholarship in Neurosurgery	2008
CONROD-RACS Trauma Research Scholarship	2003
John Lowenthal Surgical Research Prize, Royal Prince Alfred Hospital, Sydney, NSW	1999

3. CURRENT POSITION/S

Senior Consultant Neurosurgeon, Department of Neurosurgery, Royal Adelaide Hospital.

Clinical Associate Professor, University of Adelaide, Department of Medicine (Honorary).

Visiting Neurosurgeon Calvary Adelaide Hospital Adelaide

Prior Chair of RACS Pain Section, Section Editor (Pain Medicine)

ANZJS and Examiner for FPM ANZCA.

4. POST GRADUATE TRAINING

- 2007/8 Clinical Fellow. Stereotactic and Functional Neurosurgery. Oregon Health and Science University. Portland, Oregon, U.S.A. Professor Kim J Burchiel.
- 2007 Neurosurgical Fellow. St George Hospital, Kogarah, Sydney. Dr Mark Davies.
- 2005/6 Neurosurgical Registrar. Westmead and New Children's Hospital, Westmead, NSW, Sydney. A/Prof N Dorsch.
- 2004 Fellow, Pain Medicine, Flinders Medical Centre, Adelaide, S.A. A/Prof David Cherry.
- 2003 Masters of Surgery (Full time Research). University of Adelaide, Department of Pathology and Institute of Medical of Veterinary Science. Prof R Vink, Prof P Blumbergs.
- 2001/2 Neurosurgical Registrar. Royal Adelaide Hospital Prof N Jones, A/Prof Reilly, A/Prof B Brophy.
- 2000 Neurosurgical Registrar. St George Hospital, Sydney Dr M Davies.
- 1999 Neurosurgical Registrar. Royal Prince Alfred Hospital, Sydney. A/Prof. M Besser.
- 1998 Neurosurgical Registrar. Flinders Medical Centre/ Royal Adelaide Hospital. A/Prof. Brian Brophy
- 1997 Surgical RMO 2. Flinders Medical Centre.
- 1996 Surgical RMO 1. Royal Adelaide Hospital.
- 1995 Intern. Royal Adelaide Hospital.

5. PRACTICE.

Academic Neurosurgery at Royal Adelaide Hospital/University of Adelaide with clinical, teaching and research interests in functional neurosurgery and its applications (pain, brain tumours, movement disorders, peripheral nerve, epilepsy and radiosurgery).

6. RESEARCH

6.1 Degrees.

Masters of Surgery. University of Adelaide. 2004.
Substance P in Traumatic Brain Injury.
Prof Robert Vink, Prof Peter Blumbergs.

6.2 Papers published

Govindaraj R, Khong J, Byrne A, Zacest A, Roos D. The Effect of Cochlear Dose on Hearing Preservation after Low Dose Stereotactic Radiosurgery for Vestibular Schwannomas: A systematic review. *Advances in Radiation Oncology* 7 101059 : 2022

Mark F, Jin A, Zacest A, Govindaraj R, Esterman A, Goraski P, Roos D. LINAC Stereotactic Radiosurgery for brain arteriovenous malformations: an updated single centre analysis of outcomes. *Journal of Clinical Neuroscience* 102 54-59 : 2022

Bunjo Z, Bacchi S, Chandran A, Zacest A. Orthostatic hypotension following Deep Brain Stimulation in Parkinsons disease: a systematic review. *British Journal of Neurosurgery*. Jun 11, 1-4, 2019.

Sabad A, Sandu J, Bacchi S, Jukes A, Zacest A. Post op headache following treatment of vestibular schwannoma – a literature review. *J Clin Neurosci*. 52;26-31: 2018

Atkinson L, Zacest AC. Surgical Management of Back pain. *Med J Aust* 204;8,299-300:2016

Nagpal A, Kremer KL, Hamilton Bruce MA, Kaidonis X, Milton A, Levi C, Shi S, Carey L, Hillier S, Rose M, Zacest A, Takhar P, Koblar SA. TOOTH :Study protocol for evaluating the safety and feasibility of autologous human adult dental pulp stem cell therapy in patients with chronic disability following stroke. *Int J Stroke* Mar 30 2016.

Roos D, Patel S, Potter A, Zacest AC. When is an acoustic neuroma not an acoustic neuroma? Pitfalls for radiosurgeons. J Med Imaging Radiat Oncol 59:4:474-9; 2015.

Zacest AC, J Caon, Roos D, Potter A, Sullivan T. LINAC radiosurgery for cerebral AVMs – a single centre prospective analysis and review of the literature. J Clin Neurosci 21;2:241-5;2014.

Zacest AC. Perspective - A painful problem for surgeons: what is to be done? ANZ J Surg 83;801-802:2013

Adams G, Martin O, Roos D, Lobachevsky P, Potter E, Zacest A et al Enhanced intrinsic radiosensitivity after treatment with stereotactic radiosurgery for an acoustic neuroma. Radiother Oncol vol 103, 3, 410-4: 2012

Roos D, Potter A, Zacest A. Hearing preservation after low dose linac radiosurgery for acoustic neuroma depends on initial hearing and time. Radiother Oncol 101 3 420-4 2011

Zacest AC, Magill S, Miller J, Burchiel JK. Preoperative Magnetic Resonance Imaging in Type 2 Trigeminal Neuralgia. Journal of Neurosurgery, September 2010.

Zacest A, Carlson JD, Nemecek A, Burchiel K. Surgical management of spinal catheter granulomas. Operative management and review of the surgical literature. Neurosurgery 65:1161-1165, 2009.

Zacest AC, Magill S, Burchiel KJ. Pain relief after ilioinguinal neurectomy for chronic pain following hernia surgery. Journal of Neurosurgery September 25, 2009.

Zacest AC, Berk M, Burchiel KJ. Precision and accuracy in stereotactic targeting in patients undergoing revision stereotactic surgery. Stereotactic and Functional Neurosurgery 87:168-173, 2009

Zacest AC, Anderson V, Burchiel KJ. How effective are long term intrathecal opioids in post herpetic neuralgia. A case series and review of the literature. Neuromodulation 12:219-223, 2009.

Raslan A, DeJesus R, Berk M, Zacest AC, Burchiel KJ. Sensitivity of high resolution 3D MRA and 3D spoiled gradient recalled imaging in prediction of neurovascular compression in patients with hemifacial spasm. Journal of Neurosurgery 2009.

Zacest AC, Burchiel KJ. Deep Brain Stimulation for Non Movement Disorders. Contemporary Neurosurgery 30:1-5, 2008

Zacest AC, Vink R, Manavis J, Sarvestani G, Blumbergs PC. Substance P immunoreactivity increases following human traumatic brain injury. Acta Neurochiurgia Supplementum Vol 106, 2009.

Zacest AC, Besser M, Stevens G, Thompson J, McCarthy WH, Culjak G. Surgical management of cerebral metastases from melanoma. Outcome of 147 patients treated at a single institution over 2 decades. J. Neurosurg 96 : 552- 558, 2002.

Fife KM, Colman MH, Stevens GN, Firth IC, Moon D, Harman R, Petersen-Shaefer K, Zacest AC. Determinants of outcome in melanoma patients with cerebral metastases - a review of 1137 patients treated at a single centre. J Clin Oncol 22 (7) : 1293-300, 2004.

Lee G, Reilly PL, Zacest AC. Recurrent haemorrhage from a malignant brain stem glioma : a review of the mechanisms of tumoural haemorrhage. J Clin Neuroscience, Sept 2003 : 632-634.

Bain G.I., Zacest AC, Middleton J, Patterson D. Hip Abduction Following Intra Medullary Nailing. Journal of Orthopaedic Trauma; 1997; 2: 93 – 97.

6.3 Published Book Chapters.

Peripheral Nerve Neuralgia. Functional Neurosurgery and Neuromodulation. Ed Burchiel K, Raslan A, 2018.

Joint Section editor Pain. Youman's Neurological Surgery. 7th Edition.

Zacest A. Post Herniorrhaphy Pain Syndrome. Surgical Management of Pain. Thieme. ed Burchiel 2014.

Zacest A, Spencer DC, Burchiel KJ: CHAPTER 63 Selective Amygdalohippocampectomy, in Winn HR (ed): Youman's 6th Edition, 2011, pp 774-779

Zacest A, Burchiel KJ: CHAPTER 153 Pain: General Historical Considerations, in Winn HR (ed): Youman's 6th Edition, 2011, pp 1727-1730

Burchiel KJ. Surgical Management of trigeminal neuralgia. How I do it. Chapter for Surgical Handbook of Neurological Surgery. Editor Marc Sindou. Coauthor AC Zacest .

Clinical Problems in Medicine and Surgery. Devitt P ed. Chapters 42 and 46. 2012

6.5. Presentations (non published).

Zacest AC, Kapur D, Plummer J. Diagnostic and therapeutic utility of a single dose methadone pharmacokinetic study. Poster presentation World Congress of Pain, Sydney, 2005.

Zacest AC, Brophy BP. Recombinant plasminogen activator in intracerebral and intraventricular haemorrhage. A review with case illustrations. Presented at RACS meeting Adelaide May 2002.

Zacest AC, Sandhu A, Jones N, Reilly PL, Burrows D. Cerebral Venous Sinus Stenting for Idiopathic Intracranial Hypertension – experience with 3 cases in one institution. Presented at SA and NT Annual Scientific Meeting August 2002.

Zacest AC, Phillips P. What Are My Chances Doctor? Risk Perception in Diabetes. Poster Presentation at Australian Diabetes Educators Conference, July 1992.

7. TEACHING

Functional Neurosurgery teaching programme for neurosurgical trainees.

8. PROFESSIONAL ORGANISATIONS.

Neurosurgical Society of Australia, Pain Section Royal Australasian College of Surgeons, Faculty of Pain Medicine (ANZCA), American Association of Neurological Surgeons (AANS)/Congress of Neurological Surgeons (CNS), World, American and Asian Australian Association of Stereotactic and Functional Neurosurgery, International Association for the Study of Pain (IASP).

9. EXTRA CURRICULAR ACTIVITIES/INTERESTS.

Reading history, travel, art, music.

10. REFEREES

Dr Stephen Santoreneos

Director of Neurosurgery
Royal Adelaide and Womens and Childrens Hospital
1 Port Road Adelaide SA 5000.
Steve.santoreneos@sa.gov.au
Phone 0407796302

A/Prof Amal Abou Hamden
Neurosurgeon
Royal Adelaide Hospital
1 Port Road Adelaide SA 5000.
Amal.abou-hamden@sa.gov.au
Phone 0438799152

Dr Adam Wells
Neurosurgeon
Royal Adelaide Hospital
1 Port Rad Adelaide SA 5000
Adam.wells@sa.gov.au
0406497079