
Curriculum Vitae of Nirmal Patel

EDUCATION

Post Graduate Studies

Master of Surgery by Research Thesis, UNSW, Australia 2006
Fellowship of the Royal Australian College of Surgeons (OHNS) 2002

Tertiary Education

Bachelor of Medicine and Surgery M.B.B.S (Hons) 1992
University of Sydney, NSW, Australia

Secondary Education

St Francis Xavier's College, NSW, Australia

EMPLOYMENT

Clinical Senior Lecturer University of Sydney March 2008 to present

VMO Royal North Shore Hospital February 2006 to present

Department of Otolaryngology/ Head & Neck Surgery

Clinical Fellow Otology/ Neurotology & Skull Base Surgery Sept 2004 to January 2006

University of Utah, Salt Lake City, Utah, USA
Supervisor: Professor Clough Shelton

Post Doctoral Research Fellow July 2003 to August 2004

New York University, NY, USA
Supervisor: Professor Anil Lalwani

Post Doctoral Research Fellow Jan 2003 to June 2003

Garvan Medical Research Institute, UNSW
Supervisors: Professor John Shine & Peter Schofield

Otolaryngology Head & Neck Surgery Registrar 1999 - 2002

St Vincent's Hospital 2002
Royal North Shore Hospital 2001
Westmead Hospital 2000
Gosford Hospital 1999

Accredited General Surgical Registrar Royal North Shore Hospital 1996 – 1998

Basic Surgical Trainee St Vincent's Hospital 1993 - 1995

Internship Westmead Hospital 1992

HONORS, GRANTS & SCHOLARSHIPS AWARDED

Kolling Foundation Hearing Research Grant \$150,000 (N.P. Patel Principal Investigator)	2009
American Hearing Research Foundation Grant, USA \$ 20,000 (A.K. Lalwani & A.N. Mhatre PIs)	2005
National Organization for Hearing Research Grant, USA \$ 30,000	2004
AAOHNS International Scholar Travel Grant, USA \$ 2,000	2003
Rodney Williams Garnett Passe Research Scholarship \$ 100,000	2003 - 4
St. Vincent's Clinic Annual Research Scholarship \$ 20,000	2002
Honours on Graduation University of Sydney (M.B.B.S.)	1992
Summa Cum Laude senior high school graduation	1985
Dux on high school graduation	1983

MASTER OF SURGERY THESIS

Olfactory Progenitor Cell Transplantation Into The Mammalian Inner Ear
Awarded: November 2006 Conferred: December 2006
Supervisors: Professor P. Schofield (UNSW) & Professor A.K. Lalwani (NYU)

CURRENT FUNDED RESEARCH

A Structural and Radiological Analysis of the Crista Fenestra of the Round Window Niche Facilitates Atraumatic Cochlear Implantation
Patel, N.P. Principal Investigator

BOOK CHAPTER PUBLICATIONS

Chapter "ENT Emergencies" in
Emergency Medicine: The Principles of Practice 4th edtn 2004
Editor: Associate Professor G. Fulde. Publisher: MacLennan & Petty

Chapter "Inner Ear Drug Delivery and Gene Therapy" in
Bellenger's Otorhinolaryngology Head & Neck Surgery 17th edtn 2007
Editors: James B. Snow and P. Ashley Wackham. Publisher: B.C. Decker Inc.

MANUSCRIPT REVIEWER

The Laryngoscope (Triological Society Journal) 2005 - present

CURRENT RESEARCH PROJECTS

Leave Me Alone Lesions Of The Temporal Bone

Patel, N.P., Harnsberger R. and Shelton C.

In Preparation for submission to Otology & Neurotology

CT Analysis of Calvarial Thickness for BAHA Insertion

In preparation for Submission to Otology & Neurotology

Radiological Dimensions and Endo-nasal relationships of the Sphenopalatine Foramen

In preparation for submission to Laryngoscope

The Foramen of Huschke – a Prospective Radiological Analysis

In preparation for Submission to Otology & Neurotology

PUBLICATIONS

Inner Ear Drug Delivery and Gene Therapy

Lalwani, A.K. and Patel, N.P.

Bellenger's Otorhinolaryngology Head & Neck Surgery 17th edtn 2007

The Operative Learning Curve for Congenital Aural Atresia Surgery

Patel, N.P. and Shelton C.

(Laryngoscope, Jan 2007;117:67-73)

Olfactory Progenitor Cell Transplantation Into The Mammalian Cochlea

Patel, N.P.

(Master of Surgery, by Research Thesis, UNSW November 2006)

Imaging and Clinical Characteristics of Temporal Bone Meningiomas

Hamilton, B., Salzman, K., Patel, N.P. et al

(American Journal of Neuroradiology Nov 2006; 27 (10): 2204 - 09)

The Radiological Diagnosis of Endolymphatic Sac Tumors

Patel, N.P., Wiggins, R.H. and Shelton C.

(Laryngoscope, Jan 2006;116(1): 40-6)

Biological Therapy for the Inner Ear

Patel, N.P., Mhatre, A.N. and Lalwani, A.K.

(Expert Opin Biol Ther, Nov 2004; 4(11):1811-9)

Molecular Pathogenesis of Skull Base Tumours

Patel, N.P., Mhatre, A.N. and Lalwani, A.K.

(Otology Neurotology, 2004 July 25(4): 636-43)

A Hole In The Drum: An Overview Of Tympanic Membrane Perforations

Fagan, P.A. and Patel, N.P.

(Australian Family Physician, 707 - 710, Aug 2002)

Age Is No Contraindication To Thyroid Surgery

Bliss, R., Patel, N.P., Guinea, A., Reeve, T.S. and Delbridge, L.

(Age and Ageing, vol. 28: 363 - 366, 1999)

Recurrent Benign Parotid Tumours - The Lesson Not Learnt Yet?
Patel, N.P. and Poole, A.
(Aust NZJ Surg, vol. 68: 562 - 564, Aug 1998)

Suture Haemorrhoidectomy: A Day Only Alternative
Patel, N.P. and O'Connor, T.W.
(Aust NZJ Surg, vol. 66: 830 - 831, Dec 1996)

PRESENTATIONS TO LEARNED SOCIETIES

The Radiological Diagnosis of Endolymphatic Sac Tumors
(ASOHNS Meeting April 2008)

Imaging Characteristics of Temporal Bone Meningioma
(ASOHNS Meeting April 2008)

The Foramen of Huschke: A Prospective Radiological Analysis
(ASOHNS Meeting April 2008)

CT Analysis of Calvarial Thickness For BAHA Insertion
(ASOHNS Meeting April 2008)

Implantable Hearing Aids
(North Shore Scientific Meeting, November 2007)

Anterior Skull Base Surgery
(North Shore Scientific Meeting, November 2007)

Dizziness Simplified
(Northern Sydney GP Group, November 2006)

Dizziness Simplified
(Northwest Sydney GP Group, November 2006)

Otoendoscopy - applications for Otolaryngology and Neurotology
(North Shore Private Scientific Meeting, November 2006)

Common ENT Problems
(Northwest GP Group, August 2006)

A Hole In The Drum
(Northwest Sydney GP Group, August 2006)

The Operative Learning Curve For Congenital Aural Atresia Surgery
(ASOHNS Scientific Meeting March 2006)

An Unusual Case of Facial Nerve Trauma
(American Academy Otolaryngology Head & Neck Surgery, September 26th 2005)

Intratympanic Therapy For Meniere's Disease
(Utah Otolaryngology Society, June 17th 2005)

Radiological Characteristics of Posterior Petrous Temporal Bone Lesions
(COSM/ American Neurotological Society, May 15th 2005)

Canalplasty & Meatoplasty
(Utah Otolaryngology Temporal Bone Course, May 2005)

The Radiological Diagnosis of Endolymphatic Sac Tumors
(Grand Rounds, University of Utah, April 2005)

Neural Stem Cells - A Primer For The Otolaryngologist
(ASOHNS Scientific Congress, Cairns, May 2003)

Neurotrophins & Neural Stem Cells - A Primer for the Otolaryngologist
(University of California, San Francisco, Jan 2003)

Meatoplasty - How We Do It
(St Vincent's Temporal Bone Course, Nov 17th 2002)

Meatoplasty - How We Do It
(St Vincent's Temporal Bone Course, Nov 10th 2002)

Age Is No Contraindication To Thyroid Surgery
(RACS ASC, May 1998)

Amiodarone Induced Thyrotoxicosis - An Increasing Common Surgical Problem
(RACS ASC, May 1998)

Post - Parathyroidectomy Symptoms - The Reset Phenomena
Kazemi, N., Patel, N., Bliss, R., Guinea, A. & Delbridge, L.
(RACS ASC, May 1998)

Recurrent Benign Parotid Tumours - The Lesson Not Learnt Yet?
(RACS ASC, May 1997)

Suture Haemorrhoidectomy: A Day Only Alternative
(Registrar's Paper Day, Sep 1995)

The Long Term Effect of Abdominal Aortic Surgery on Bowel Function
(Poster Presentation at the Registrar's Paper Day, Sep 1995)

Rhabdomyolysis And Compartment Syndrome In Illicit Drug Users
(Annual Surgical Research Society Meeting, Aug 1995)

MEETINGS ATTENDED AS FACULTY SPEAKER

Sudden Sensorineural Hearing Loss -
Contemporary Pathophysiology and Evidence Based Management
(Invited Plenary Speaker ASOHNS May 2009)

North Shore Scientific Congress
November 2007

North Shore Scientific Congress
November 2006

University of Utah Temporal Bone Course, Utah, USA
October 17th 2005 – December 31st 2005, Course Convener: Professor Clough Shelton

University of Utah Temporal Bone Course, Utah, USA
October 16th 2004 – May 21st 2005, Course Convener: Professor Clough Shelton

St Vincent's Temporal Bone Course, Sydney Australia
November 15th – 17th 2002, Course Convener: Professor Paul Fagan

St Vincent's Temporal Bone Course, Sydney Australia
November 8 - 10th 2002, Course Convener: Dr Phillip Chang

ACTIVE PROFESSIONAL MEMBERSHIPS

Royal Australasian College of Surgeons

Australian Society of Otolaryngology Head & Neck Surgery

Australian Medical Association NSW State and Federal Member

Australian Society of Neurotology