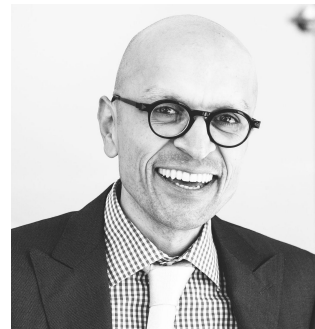


Curriculum vitae of Nirmal Patel

Personal Information

FIRST NAME / SURNAME Nirmal Patel
TEL +61431444636
EMAIL nirmal.p.patel@gmail.com
NATIONALITY Australian and British
BIRTHPLACE England, United Kingdom
MARITAL STATUS Married with three boys



Education

Master of Surgery by Research Thesis, UNSW, Australia, 2006
Clinical Fellow Otolaryngology Neurotology University of Utah, USA, 2004-5
Research Fellow Molecular Otolaryngology Lab, NYU, USA, 2004
Fellowship of the Royal Australian College of Surgeons (OHNS), 2002
M.B.B.S (Hons), University of Sydney, NSW, Australia, 1992

Career History

Clinical Professor of Surgery, Macquarie University, May 2021 to present
General Secretary International Working Group on Endoscopic Ear Surgery
June 2019 to present
NSW Government Committee for Endoscope Selection 2019-2020
Surgical Supervisor of Training, RNSH Hospital, Sydney 2018 to present
Clinical Associate Professor of Surgery, University of Sydney
2017 to present
Board Member Pan Asian Working Group Endoscopic Ear Surgery,
Education representative, November 2017 to present
Board Member International Working Group Endoscopic Ear Surgery, ANZ
representative, April 2017 to present
Sydney Endoscopic Ear Observership Director 2018 to present
Fellowship Director Sydney Endoscopic Ear Surgery Research Group,
February 2017 to present
**Founding Member, Sydney Endoscopic Ear Surgery (SEES) Research
Group**, 2016 University of Sydney, Macquarie University;
Convenor of Unaccredited OHNS Registrar Position RNSH August 2014-
present
Outreach VMO Griffith Aboriginal Medical Service & Griffith Base Hospital
2013 to present
NSW RACS State Committee Member for Indigenous Health, 2013 to present
Indigenous Health Committee Member, RACS, 2012 to present
Founder and Director, Kolling Deafness Research Centre,
University of Sydney, Macquarie University, Nov 2009 to present
Associate Professor of Surgery, Macquarie, Nov 2009 to present
Clinical Senior Lecturer University of Sydney, March 2008
Consultant VMO OHNS Royal North Shore Hospital, Feb 2006 to present
Clinical Fellow Otolaryngology/ Neurotology & Skull Base Surgery, 2004-2005;
University of Utah, USA; Supervisor: Professor Clough Shelton

Honours, Grants & Scholarships

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: Professors John Shine & Peter Schofield

NSW Trainee Otolaryngology Head & Neck Surgery Registrar, 1999 - 2002

NSW Trainee General Surgical Registrar RNSH, Sydney, 1996 - 1998

Kolling Foundation Hearing Research Grant, 2011; \$150,000

Rodney William Garnett Passe Grant-in-Aid, 2011; \$45,000

Kolling Foundation Hearing Research Grant, 2009; \$150,000

American Hearing Research Foundation Grant, USA, 2005; \$20,000

National Organization for Hearing Research Grant, USA, 2004; \$30,000

AAOHNS International Scholar Travel Grant, USA, 2003; \$2,000

Rodney Williams Garnett Passe Research Scholarship, 2003-2004; \$100,000

St. Vincent's Clinic Annual Research Scholarship, 2002; \$20,000

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

Current Research Funds As of December 2020 for Research at Kolling Deafness AUD\$79171

Thesis Publication

Olfactory Progenitor Cell Transplantation Into The Mammalian Inner Ear

Conferred: December 2006

Supervisors: Professor P. Schofield (UNSW) & Professor A.K. Lalwani (NYU)

Book Chapter Publications

Chapter "**Surgical Instruments and the Preparation of the Specimen**" in "Comparative Atlas of Endoscopic Ear Surgery" Springer 2021

Chapter "**Endoscopic Assisted Round Window Closure for Superior Canal Dehiscence**" in Spanish Society of ENT Trainee Handbook

Chapter "**Endoscopic Lateral Skull Base Anatomical Dissection**" in "Endoscopic Lateral Skull Base Surgery" 1st edition due 2021; Marchioni, D et al

Chapter "**Understanding the Optical Chain**" in "Endoscopic Lateral Skull Base Surgery" 1st edition due late 2019; Marchioni, D et al

Chapter "**Endoscopic Ear Surgery**" in "Recent Advances in Otolaryngology-Head and Neck Surgery", 6th Edition 2017; Editors: Drs. Anil K Lalwani and Markus Pfister.

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.

Chapter "**ENT Emergencies**" in Emergency Medicine: The Principles of Practice 4th edtn 2004; Editor: A/Prof G. Fulde. Publisher: MacLennan & Petty

Higher Degree Supervision

"Xray Microtomography Study of Otic Capsule Defeciciencies: 3D Modelling of the Fissula Ante Fenestram"; Lee J. and Patel, N.P.; Thesis accepted with High Distinction for University of Sydney, Master of Surgery

"Xray Microtomography Study of Human Cochlea Phenotypes and Possible Implications for Cochlear Implantation"; Leith N. and Patel, N.P.; Thesis accepted with Distinction for University of Sydney, Master of Surgery

"Xray Microtomography Study of the Basal Turn of the Cochlea - Implications for Cochlear Implantation"; Sale P. and Patel, N.P.; Transfer to PhD programme, University of Melbourne under Professor Stephen O'Leary

"Quality of Life Study in Cholesteatoma Surgery: Endoscopic Compared to Traditional Ear Surgery "; Reddy, R.; Jufas, N and Patel, N.P.; Thesis in preparation for University of Sydney, Master of Surgery

Current Funded Research

Endoscopic Tympanoplasty Methods - A Systematic Review & Metanalysis

Ma, A; Wong E, Saxby A, Kong J, Patel N, Jufas N Submitted Otol Neurotol

Endoscopic Management of Congenital Cholesteatoma: A Systematic Review and Metanalysis

Oh L, Saxby A, Kong J, Jufas N, Patel N Submitted to JLO

Endoscopic Management of Advanced Congenital Cholesteatoma

Ma A, Oh L, Saxby A, Kong J, Jufas N, Patel Submitted to Clin Otol

Assessing the Quality of Patient Information for Cholesteatoma on the Open Source Video Sharing Platform Youtube

Reddy R, Cheng H, Jufas N, Patel N Submitted to Clin Otolaryngology

Cross sectional Survey of Balloon Dilatation of the Eustachian tube in Australia

Cheng H, Saxby A, Jufas N, Kong J and Patel N Submitting December 2020

Underwater Endoscopic Management of Lateral Semicircular Canal Fistula

Cheng H, Saxby A, KhadimL, Jufas N, Patel Submitting December 2020

Endoscopic Management of Pediatric Cholesteatoma - Short Term Results

Mooney C, Saxby A, Kong J, Jufas N, Patel N Data gathering and preparation

Patient Use of Online Material Prior to Otologic Surgery

Lodhia C, Jufas N, Patel N In preparation

Endolymphatic Sac Tumor Removal for Hearing Preservation in the Only Hearing Ear

Li W; Patel Nirmal In preparation

Cochlear Implantation in Far Advanced Otosclerosis - A Meta-analysis and Systematic Review

Kondo M, Vasan K, Jufas N, Patel N In preparation

Otic Capsule Fistula and Cholesteatoma - A Systematic Review

Chen R, Vasan K, Jufas N, Patel N In preparation

- Incidence and Trends of Middle Ear Cholesteatoma Surgery and Mastoidectomy in Australia - A National Hospital Morbidity Database Analysis** Li, J, Jufas N, Forer M, Patel NP Accepted Laryngoscope Investigative Otolaryngology November 2021
- Assessing the Quality of Patient Information for Vestibular Schwannoma on the Open Source Video Sharing Platform Youtube**
Oh L, Phan K, Jufas N, Patel N Accepted October 2021 Otolaryngology Neurotology
- International Survey of Operative Practices for Otolaryngologists during the COVID 19 Crisis**
Ridge SE et al Otolaryngology Neurotology September 2021
- Endoscopic Management of Marginal Perforations and Enplaque (Mural) Cholesteatoma - Short term results**
Rao A,, Saxby A, Kong J, Jufas N, Patel N Accepted AJO June 2021
- Balloon Dilatation Eustachian Tuboplasty for Dilatory Dysfunction: A Safety and Efficacy Analysis in an Australian Cohort**
Cheng H, Saxby A, Jufas N, Kong J and Patel N Accepted ANZJSurg May 2021
- Endoscopic Repair of Temporal Bone Pneumatocele**
Mooney C, Patel NP Accepted February 2021 Otolaryngology Neurotology
- Cross sectional Survey of Endoscopic Ear Surgery in Australia**
Ma A, Saxby A, Jufas N, Kong J and Patel NP Accepted AJO Feb 2021
- Endoscopic Treatment of Middle Ear Paraganglioma: An Australian Series**
Quick M, Acharya A, Friedland P, Saxby A, Kong J, Patel N, Kadhim L Accepted Otolaryngology Neurotology September 2020
- Intracanalicular Vestibular Schwannoma - A Systematic Review and Meta-analysis of Therapeutic Outcomes**
Cavada M, Lee, M, Jufas N, Harvey R and Patel Nirmal Accepted August 2020 Otolaryngology Neurotology
- IVORY (Instructional Videos on Otolaryngology by YIFOS) Guidelines: An International Consensus on Educational Surgical Video Making for ENT**
Simon F, et al including Patel Nirmal Accepted Laryngoscope July 2020
- Novel Radiologic Approaches for Cholesteatoma Detection: Implications for Endoscopic Ear Surgery**
Saxby A, Kong J, Jufas N, Newey A, Pitman A, Patel NP Accepted Otol Clin North America April 2020
- Endoscopic Transcanal Stapedotomy: A Systematic Review**
Hoskison E, Harrop E , Kong J, Jufas N, Patel N, Saxby A Accepted Otolaryngology Neurotology April 2020
- Endoscopic Stapedectomy: Collective Experience from a Large Australian Centre**
Casey , Kong J, Jufas N, Patel N, Saxby A Accepted Otolaryngology Neurotology April 2020
- Transcanal Infrapromontorial Approach for IAC Surgery and Simultaneous Cochlear Implantation** Rubini A, Bianconi L, Patel NP, Marchioni D European Archives OHNS February 2020
- Endoscope-Assisted Partial Cochlectomy for Intracochlear Schwannoma with Simultaneous Cochlear Implantation: A Case Report**

Peer Reviewed
Publications

- Ma A & Patel NP Accepted Otolaryngology Neurootology October 2019
The 'Chopstick Drilling Technique' - a Novel Solution to Drilling Bone in Endoscopic Ear Surgery
- Vaughan C, Jufas N, Patel NP, Saxby AJ, Kong JHK Accepted Clinical Otolaryngology September 2019
Endoscopic Relationship of the Stapedius Muscle to the Facial Nerve
- Rubini A, Marchioni D, Saxby A; Jufas N & Patel N Accepted for publication Otolaryngology Neurootology 41(1) e64-69 2020
Endoscopic Tympanic Neurectomy for Otic Neuralgia
- Reddy R, Bance M, Jufas N. And Patel Nirmal. Accepted to JLO July 2019
Endoscopic Management of Fractured Handle of Malleus
- Cavada M and Patel N Otolaryngology Neurootology 2019 40:e244-247
Diffusion Weighted MRI in the Detection of Residual and Recurrent Cholesteatoma in Children: A Meta-analysis and Systematic Review
- Khalil, Wong E, Jufas N and Patel N Accepted International Journal of Pediatric Otolaryngology January 2019
How I do it - Endoscopic Composite Cartilage Graft Tympanoplasty
- Wuesthoff C, Saxby A; Jufas N & Patel N Accepted Australian Journal of Otolaryngology Head and Neck Surgery 2018, 1:33
IgG4 Disease of the Ear: Report and Review
- Wuesthoff, C, Allende A, Patel Nirmal, Open Case Medical Reports Volume 6, 2018
Endoscopic Management of Paediatric Cholesteatoma
- Ryan P, Patel Nirmal Published Journal of Otolaryngology 2018
Getting Started with Endoscopic Ear Surgery
- Ryan P, Patel Nirmal Published Journal of Otolaryngology 2018
Prevention of Otic Barotrauma in Aviation: A Systematic Review Ryan P, Treble A, Patel Nirmal, Jufas N; Otolaryngology & Neurootology 2018
The Protympanum, Protiniculum and Subtensor Recess: An endoscopic Surgical Anatomy Study; Jufas N, Rubini, A; Soloperto, D; Alnoury, M, Marchioni D, Tarabichi M and Patel N; Published Journal of Otolaryngology June 2018
Cost Effectiveness Analysis of Endoscopic versus Open Ear Surgery for Attic Cholesteatoma; Patel Nirmal, Mohammadi A., Jufas N.; Journal of Laryngology and Otolaryngology 2016
Endoscopic Anatomy of the Protympanum; Jufas N, Marchioni D, Tarabichi M and Patel N; Otolaryngology Clinics of North America 2016
The Eustachian Tube Redefined; Tarabichi M, Poe DS, Nogueira JF, Patel N et al Otolaryngologic Clinics of North America 2016
Protympanum: Endoscopic Anatomy, Variations and Clinical Applications Juas N, Patel Nirmal, Saxby A, Kong J Vol 130 Supp s3 2016
Endoscopically Guided Transtympanic Balloon Catheter Dilatation of the Eustachian Tube: A Cadaveric Pilot Study; Jufas N, Treble A, Newey A And Patel Nirmal; Otolaryngology & Neurootology 2016
Transtympanic Balloon Catheter Dilatation of the Eustachian Tube: A Systemic Review; Jufas N And Patel Nirmal; Journal of Laryngology & Otolaryngology, 2016

CT vs CT MRI Fusion Imaging in Preoperative Mastoid Assessment for Cholesteatoma: Implications for Endoscopic Ear Surgery

Saxby A, Dawes L, Cheng C, Wills S, Jufas N, Kong J, Patel N and Greenberg S
Published in Proceedings of Chole2016

Teaching Videos of Endoscopic Ear Surgery Anatomy

Saxby A, Kong J, Jufas N and Patel N
The Journal of Laryngology & Otology 130 (S3), S148-S149 2016

Xray Microtomography Analysis of the Anatomical Characteristics of the Stapedial Annular Ligament; Mohammadi A, Sale P, Patel Nirmal, Jufas N and O'Leary SJ;2016 Anat Sci Int

Round Window Chamber and Fustis: Endoscopic Anatomy and Surgical Implications; Marchioni, D.; Soloperto, D.; Colleselli, E; Tatti, M.F; Patel, NP.; Jufas, N; Surgical and Radiological Anatomy 2016

The Sphenopalatine Foramen: Endoscopic Approach with Bony Landmarks
Nalavenkata S., Meller C., Forer M. And Patel, N.P.;Journal of Laryngology and Otology, 2015

Xray Microtomography Study of Otic Capsule Deficiencies: Three-Dimensional Modelling of the Fissula Ante Fenestram; Lee J., Sale P. And Patel, N.P.; Journal of Laryngology and Otology, 2015

Intracranial and Internal Jugular Vein Thrombosis Secondary to ENT Infections: A Report of 3 Cases; Riffat F, Forer M, Wignall A, Veivers D and Patel Nirmal; Ear Nose and Throat Journal 2013 Oct-Nov; 92 (10-11):E25-8

Dermoid Cysts of the Eustachian Tube

Nalavenkata, S., Meller C, Forer M And Patel, N.P.; International Journal of Pediatric Otorhinolaryngology 2012

Computed Tomographic Analysis of Outer Calvarial Thickness for Osseointegrated Bone Anchored Hearing System Insertion; Novakovic D, Meller CJ, Makeham JM, Brazier DH, Forer M, Patel Nirmal; Otol Neurotol. 2011 Apr;32(3):448-52.

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)

Superior Canal Dehiscence simulating Otosclerosis

Fagan PA and Patel NP JLO 2003 117 Page 553-557

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

Referenced
Non-indexed
Publications

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)

Unilateral Sensorineural Hearing Loss Vasan K and Patel, Nirmal, Medical Republic June 2021

Endoscopic Cholesteatoma Removal Patel, NP; Endoscopic Ear Surgery Dissection and Surgical Manual; August 2019 (In Spanish)

Age Related Hearing Loss and Dementia Ma A; Julas N; Patel, NP; Australian Doctor accepted for publication August 2019

Hearing Loss in Children Do T; Patel, NP; Australian Doctor accepted for publication July 2019

Nasopharyngeal Disease in Children: A Primer for Dentists Do, T.; Patel NP; Australian Dental Magazine accepted for publication June 2019

Endoscopic Ear Surgery; Wuesthoff, C.; Jufas, N. & Patel, N.P.; ENT Masterclass, Accepted for publication July 2017

How to Treat - Ear Emergencies; Ryan, P Jufas, N. & Patel, N.P.; Australian Doctor Accepted for publication July 2017

Outer Ear Conditions - Quiz; Ryan P, Jufas, N. & Patel, N.P.; Australian Doctor Accepted for publication June 2017

How to Treat - Outer Ear Conditions; Reddy, R; Jufas, N. & Patel, N.P.; Australian Doctor Accepted for publication June 2017

How to Treat - Ear Infections in Children; Reddy, R; Jufas, N. & Patel, N.P. Australian Doctor April 2017

How to Treat - Hearing Loss in Adults; Reddy, R; Jufas, N. & Patel, N.P.; Australian Doctor February 2017

Video Otology Tutorials: How EES Changes the Game; Jufas N, Saxby A, Kong J And Patel Nirmal.; May 2016 ENT & Audiology News

Ear to Stay - Endoscopic Ear Surgery; Jufas, N. And Patel, N.P.; Australian Doctor August 2015

Sounds of Silence - Single Sided Deafness; Jufas, N. And Patel, N.P.; Australian Doctor August 2014

Waiting to Exhale - Update on Sleep Apnoea; Leith N., Wignall A. And Patel, N.P.; Australian Doctor June 12th 2012

Update on Paediatric Ear Disease; Leith N. And Patel, N.P. Australian Doctor June 12th 2012

Updating Otitis Media Management; Sale, P and Patel, N.P.; Australian Doctor January 2012

Update on Cholesteatoma; Sale P. And Patel, N.P.; Australian Doctor May 2011

Tympanic Membrane Perforations; Patel, N.P.; Australian Doctor March 2011

Ear Exostoses - A Clinical Update; Patel, N.P.; Australian Doctor March 2011

Presentations

Management of Hearing Loss in the Ageing Patient; Sale, P. and Patel, N.P.;
Australian Doctor Feb 2011

The Blocked Ear; Patel, N.P.; Australian Medical Observer June 2009

A New View - The Utility of Video in Endoscopic Ear Surgery

Yamagata Endoscopic Ear Course November 2021

Endoscopic Cholesteatoma Surgery

Australian Doctors for Africa online symposium November 2021

Getting Started in Endoscopic Ear Surgery

Glasgow EES Course, October 2021

Underwater Endoscopic Ear Surgery Korean Society ENTEnthusiasm Conference

June 2021

Getting Started in Endoscopic Ear Surgery

International Otology and Neurotology Symposium, April 2021

Endoscopic Stapedotomy and OCR

Harvard Mass Eye and Ear Endoscopic Exoscopic Online Course Nov 2020

Endoscopic Ear Surgery - Is it the Be and End all?

New Zealand ORL National Meeting Plenary October 2020

BDET Literature Review ... Does it Work

New Zealand Eustachian Tube Course October 2020

BDET Complications and how to avoid them

New Zealand Eustachian Tube Course October 2020

BDET Patient Selection

New Zealand Eustachian Tube Course October 2020

BDET Patient Assessment and Investigation

New Zealand Eustachian Tube Course October 2020

Endoscopic & Exoscopic Ear Surgery

Madrid Endoscopic Microscopic Ear Course September 2020

Contemporary Management of Labyrinthine Fistula in Cholesteatoma

British Otology Webinar via Zoom July 2020

Wins and Regrets on Endoscopic Ear Surgery

Stammlinger Tarabachi Institute Webinar via Zoom July 2020

Panel on Endoscopic Ear Surgery

Stammlinger Tarabachi Institute Webinar via Zoom July 2020

Evolving Concepts in Radiology for Cholesteatoma

University of Verona, Italy Grand Rounds via Zoom July 2020

Endoscopic Ear Surgery and Modern Otology

All India Endoscopic Ear Surgery Online Conference, Mumbai, Hyderabad,
India, May 2020

MES and EES past, present and future

Yonsei Endoscopic Ear Surgery Course, Seoul, South Korea, January 2020

Endoscopic Tympanoplasty and OCR

Yonsei Endoscopic Ear Surgery Course, Seoul, South Korea, January 2020

Innovations in EES

Yonsei Endoscopic Ear Surgery Course, Seoul, South Korea, January 2020

Online Otology Education - The Rise of Youtube, Japan Otology Society, Oct
2019

Presentations

Radiology for Pediatric Cholesteatoma

3rd World Congress EES, Convened by Harvard Mass Eye and Ear June 2019

Past, Present and Future of EES

3rd World Congress EES, Convened by Harvard Mass Eye and Ear June 2019

Difficult Cases

Precongress Live Surgery Workshop, Harvard Mass Eye and Ear June 2019

Challenges and Applications of EES

Precongress Live Surgery Workshop, Harvard Mass Eye and Ear June 2019

Workups for EES

Precongress Live Surgery Workshop, Harvard Mass Eye and Ear June 2019

Endoscopic Ear Surgery in 2019 - Masterclass

RACS ASM Bangkok May 2019

Paediatric Endoscopic Ear Surgery

RACS ASM Bangkok May 2019

Getting Started in Endoscopic Ear Surgery

1st Belgium Endoscopic Ear Course, Antwerp April 2019

Paediatric Endoscopic Ear Surgery

Riskikesh All India Medical Endoscopic Ear Surgery Course, March 2019

Endoscopic Cholesteatoma Management

Riskikesh All India Medical Endoscopic Ear Surgery Course, March 2019

Microscopic Use in Endoscopic Ear Surgery

Riskikesh All India Medical Endoscopic Ear Surgery Course, March 2019

Tips and Pearls in Endoscopic Ear Surgery Panel

Global ENT Summit , Patna India, February 2019

Debate Microscope vs Endoscope Panel

Global ENT Summit , Patna India, February 2019

Paediatric Endoscopic Cholesteatoma Surgery

Global ENT Summit , Patna India, February 2019

Endoscopic Approach to the Internal Auditory Canal

Chinese University of Hong Kong, Otology Course November 2018

Microscopic Use in Endoscopic Ear Surgery

Chinese University of Hong Kong, Otology Course November 2018

Endoscopic Stapedectomy, Tympanoplasty and Ossicular Reconstruction

Chinese University of Hong Kong, Otology Course November 2018

Endoscopic Cholesteatoma Management

Chinese University of Hong Kong, Otology Course November 2018

Endoscopic Ear Surgery in the Pediatric Population

Panel Member, Australian Society of Paediatric Otolaryngology, Newcastle NSW, September 2018

Endoscopic Ear Surgery - An Overview

Grand Rounds North Kinangop Catholic Hospital, Kenya, August 2018

Endoscopic Ear Surgery in the Pediatric Population

Vanderbilt 5th Endoscopic Ear Course, June 2018

Endoscopic Cholesteatoma Management

Vanderbilt 5th Endoscopic Ear Course, June 2018

Endoscopic Protympanic Anatomy - Variations and Applications

Italian Endoscopic Ear Surgery Conference, Modena, April 2018

Presentations

Endoscopic Composite Cartilage Graft for the Management of Total Perforations

Italian Endoscopic Ear Surgery Conference, Modena, April 2018

Current Evidence in the Management of Intralabyrinthine Schwannoma

Innovative Perspectives in Acoustic Neuroma Management, Verona April 2018

Endoscopic Management of Lateral Semicircular Canal Fistulae

Cheah T, Prunty S, Saxby A, Patel NP, Kadhim L

Poster ASOHNS ASM Perth, March 2018

Debate Microscope vs Endoscope

Perth Endoscopic Ear Course, March 2018

Getting Started in Endoscopic Ear Surgery

Perth Endoscopic Ear Course, March 2018

Endoscopic Ear Surgery in the Pediatric Population

Perth Endoscopic Ear Course, March 2018

Endoscopic Cholesteatoma Management

Dubai Endoscopic Ear Surgery Course (via Skype)

Dubai UAE, December 2017

Education of Endoscopic Ear Surgery in Asia Oceania

Pan-Asia Pacific Forum on Endoscopic Ear Surgery

Chinese University of Hong Kong, November 2017

Endoscopic Ear Surgery Management of Paediatric Cholesteatoma

Pan-Asia Pacific Forum on Endoscopic Ear Surgery

Chinese University of Hong Kong, November 2017

Getting Started in Endoscopic Ear Surgery

Pan-Asia Pacific Forum on Endoscopic Ear Surgery

Chinese University of Hong Kong, November 2017

Australian Endoscopic Ear Surgery

Pan-Asia Pacific Forum on Endoscopic Ear Surgery

Chinese University of Hong Kong, November 2017

Endoscopic Ear Surgery in the Pediatric Population

Panel Member, Endoscopic Ear Surgery & Current Advances in Otology

University of Minnesota, September 2017

Live Cadaveric Endoscopic Ear Demonstration - Middle Ear

Moderator, Endoscopic Ear Surgery & Current

Advances in Otology

University of Minnesota, September 2017

PAGE 10- CURRICULUM VITAE OF **Nirmal Patel**

Repair of Anterior Tympanic Membrane

Perforation with Biodesign

Endoscopic Ear Surgery & Current Advances in Otology

University of Minnesota, September 2017

Cholesteatoma Removal in Critical Areas - Protympanum, LSCC

Moderator and lecture, Endoscopic Ear Surgery & Current Advances in Otology

University of Minnesota, September 2017

Live Cadaveric Endoscopic Ear Demonstration - Inner Ear

Moderator, Endoscopic Ear Surgery & Current Advances in Otology

University of Minnesota, September 2017

How I do it: Endoscopic Composite Cartilage Graft for Total Perforations

Endoscopic Ear Surgery & Current Advances in Otology
University of Minnesota, September 2017

Endoscopic Pediatric Cholesteatoma Management;

4th Sydney Endoscopic Ear Surgery Course, RNSH, Sydney September 2017

Endoscopic Cholesteatoma Management;

4th Sydney Endoscopic Ear Surgery Course, RNSH, Sydney September 2017

Endoscopic Tympanic Neurectomy for Otic Neuralgia; Reddy R., Bance M, Jufas N. And Patel Nirmal.; 4th Pacific ORL Forum Conference July 2017

Quality of Life Study in Cholesteatoma Surgery: Endoscopic compared to traditional Ear Surgery; Reddy, R., Mohammadi A, Saxby A, Kong J, Jufas N & Patel, N.P.; 4th Pacific ORL Forum Conference July 2017

Endoscopic Pediatric Cholesteatoma Management; Patel, N.P.; 2nd World Congress on Endoscopic Ear Surgery, Bologna April 2017

What I have learnt: Simple to Complex Endoscopic Ear Surgery; Patel, N.P.; Verona Advanced Endoscopic Ear Surgery Conference November 2016

Endoscopic Management of Cholesteatoma; Patel, N.P.; Yamagata, Japan Endoscopic Ear Surgery Conference July 2016

Modern Learning Theory Applied Endoscopic Ear Surgery; Patel, N.P.; Yamagata, Japan Endoscopic Ear Surgery Conference July 2016

The Endoscopic Perigeniculate Approach to the Petrous Apex; Patel, N.P.; World Skull Base Meeting Meeting July 2016

CT / MRI Fusion Study of Cholesteatoma extension as guide for Endoscopic Ear Surgery; Saxby A, Kong J, Jufas N & Patel, N.P.; Chole Meeting June 2016

Video Endoscopic Ear Surgery Tutorials; Saxby A, Kong J, Jufas N & Patel, N.P.; Chole Meeting June 2016

Direct Cost Comparison of Endoscopic Ear Surgery vs Canal Wall Up Surgery for Cholesteatoma; Patel, N.P. & Jufas N; Chole Meeting June 2016

Endoscopic Anatomy of the Protympanum; Jufas N & Patel, N.P.; Chole Meeting June 2016

Direct Cost Comparison of Endoscopic Ear Surgery vs Canal Wall Up Surgery; Patel, N.P.; 1st World Congress Endoscopic Ear Surgery April 2015

Preoperative Assessment for Endoscopic Ear Surgery; Patel, N.P.; 1st World Congress Endoscopic Ear Surgery April 2015

Three Dimensional Modelling of the Crista Fenestra of the Round Window; Leith, N., Sale, P. & Patel, N.P.; ASOHNS ASM April 2012

A Hole in the Ear Drum; Patel Nirmal; GPCE Meeting March 2012)

PAGE 11- CURRICULUM VITAE OF **Nirmal Patel**

Three Dimensional Modelling of the Fissula Ante Fenestram using Micro CT; Lee, J., Sale, P. & Patel, N.P.; ASOHNS ASM April 2011

Examination of Human Temporal Bones Using Xray

Microtomography ; Sale, P, Lee, J. & Patel, N.P.; ASOHNS ASM April 2011

Xray Microtomography to Differentiate Human Cochlear Phenotypes; Sale, P, Lee, J. & Patel, N.P.; ASOHNS ASM April 2011

Beyond Hearing Aids; North Shore Private Clinical Meeting, August 2010

Inner Ear Regeneration - A Primer for Clinicians; Rodney Williams Garnett
 Passe Frontiers Meeting, Jul 2010

The Blocked Ear; GPCE Meeting May 2010

Lemierre's Syndrome as a complication of Sphenoiditis; Lee, J, Roth J. And
 Patel, N.P.; ASOHNS ASM March 2010

Unusual causes of Lemierre's Syndrome; Lee, J, Riffat, F. And Patel, N.P.;
 ASOHNS ASM March 2010

A Hole in the Ear Drum; GPCE Meeting May 2009

The Radiological Diagnosis of Endolymphatic Sac Tumors; ASOHNS ASM
 April 2008

Imaging Characteristics of Temporal Bone Meningioma; ASOHNS ASM April
 2008

The Foramen of Huschke: A Prospective Radiological Analysis; ASOHNS
 ASM April 2008

CT Analysis of Calvarial Thickness For BAHA Insertion; ASOHNS ASM April
 2008

Hearing Loss in the Ageing Patient; Western Sydney GP Group 2008

Holes in the Ear Drum; Western Sydney GP Group 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

Otoendoscopy -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 ASM March 2006

An Unusual Case of Facial Nerve Trauma; AAOHNS 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 ASM;
 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)

Invited Faculty

Korean Society ENTusiam Webinar June 2021
 International Otology and Neurotology Symptosium April 2021
 Harvard Mass Eye and Ear Endoscopic Exoscopic Bootcamp Nov 2020
 New Zealand ORL National Meeting October 2020
 New Zealand Eustachian Tube Dilatation Course October 2020
 Madrid Endoscopic Ear Course September 2020
 CUHK Hong Kong, Endoscopic Ear Symposium; September 2020
 All India Conference on Otology Online May 2020
 Yonsei Endoscopic Ear Surgery Course Seoul, South Korea, Jan 2020
 Japan Otology Society Meeting, Yamagata, October 2019 - Panel on Education in Otology
 3rd World Congress on Endoscopic Ear Surgery - Faculty on Panel - Radiology in Cholesteatoma; Boston June 2019
 3rd World Congress on Endoscopic Ear Surgery - Chairperson on Past, Present and Future in EES; Harvard and Mass Eye and Ear; Boston June 2019
 Harvard and Mass Eye and Ear Live Surgery Course, Afternoon Chairman, Boston USA, June 2019
 RACS ASM Endoscopic Ear Surgery Masterclass May 2019
 1st Belgium Course in Endoscopic Ear Surgery, Antwerp, Belgium April 2019
 Rishikesh All India Medical College First Endoscopic Ear Live Surgery and Conference, Rishikesh, India March 2nd and 3rd 2019
 ENT Course and Live Surgery, Dehradun, India February 27th 2019
 Global ENT Summit , Patna Bihar India; February 23rd and 24th 2019
 Chinese University of Hong Kong, Otology Conference; November 2018
 Australian Society of Paediatric OHNS, Newcastle NSW September 2018
 Sydney Endoscopic Ear Surgery 5th Course September 2018
 North Kinangop Catholic Hospital Meeting, Kenya , August 2018
 Vanderbilt 5th Endoscopic Ear Surgery June 2018 - Invited international faculty
 Italian Endoscopic Ear Surgery Conference April 2018 - Live Surgery Chairman
 Italian Endoscopic Ear Surgery Conference April 2018 - Panel on Difficult cases
 ASOHNS ASM 2018 - Co-chair of first Otology session, March 2018
 Chinese University of Hong Kong, Endoscopic Ear Symposium; Nov 2017
 University of Minnesota Endoscopic Ear Surgery Conference; September 2017
 ASOHNS Presatellite Meeting - Endoscopic Ear Surgery March 2017

2nd World Congress on Endoscopic Ear Surgery - Chair panel on Endoscopic Cholesteatoma Management, Bologna Italy April 2017
2nd World Congress on Endoscopic Ear Surgery - Panel on Endoscopic Anatomy Live Dissection, Bologna Italy April 2017
Advanced Endoscopic Lateral Skull Base & Ear Surgery; Verona Italy Nov 2016
Endoscopic Ear Surgery, 3rd Course in Australia; September 2016, RPA
Yamagata Japan Endoscopic Ear Surgery Meeting; July 2016
World Skull Base Conference; Osaka Japan; July 2016
1st World Congress on Endoscopic Ear Surgery; May 2014 Dubai
Endoscopic Ear Surgery, 1st course in Australia; September 2014
Otology Chair Session - Implantable Hearing Devices for the General Otolaryngologist; ASOHNS ASM 2013
Otology Chair Session; ASOHNS March 2010 meeting
Sudden Sensorineural Hearing Loss - Contemporary Pathophysiology and Evidence Based Management; Invited Plenary Speaker ASOHNS ASM 2009
North Shore Scientific Congress; November 2007
North Shore Scientific Congress; November 2006
University of Utah Temporal Bone Course, Utah, USA; 2005
University of Utah Temporal Bone Course, Utah, USA; 2004
St Vincent's Temporal Bone Course, Sydney Australia; November 17th 2002
St Vincent's Temporal Bone Course, Sydney Australia; November 10th 2002

Live Surgery Demonstrator

Rishikesh All India Medical College Endoscopic Ear Live Surgery and Conference, Rishikesh, India March 2nd 2019
ENT Course and Live Surgery, Dehradun, India February 27th 2019
Global ENT Summit , Live Surgery, Patna Bihar India; February 23rd 2019

Active Professional Memberships

Royal Australasian College of Surgeons
Australian Society of Otolaryngology Head & Neck Surgery
Australian Society of Neurotology
International Working Group on Endoscopic Ear Surgery
Pan Asian Working Group on Endoscopic Ear Surgery
Sydney Endoscopic Ear Surgery Research Group

Honorary Positions

**Government ENT Head and Neck Committee Member for NSW Health
2019 Endoscopy Purchase**

**General Secretary for International Working Group on Endoscopic Ear
Surgery**, June 2019 to present

Asia Pacific Coordinator for 3rd Endoscopic Ear World Congress,
Massachusetts Eye and Ear, Harvard, Boston, USA June 2019

**Interview Committee for SET referees Australian Society of
Otolaryngology Head and Neck Surgery/ RACS** May 2019

Management & Leadership

Board Member International Working Group on Endoscopic Ear Surgery,

Representing Australian New Zealand elected position April 2017- present

Board Member Pan Asian Working Group on Endoscopic Ear Surgery,

elected position November 2017 - present

Co-convenor Indigenous Section RACS ASM Sydney 2018

Commonwealth Government Prosthesis Committee for Otologic Prostheses 2015-2018

Scientific Convenor ASOHNS ASM 2015 Sydney

Member of Indigenous Health committee, RACS; 2013 to present

Indigenous Health Representative NSW State Committee, RACS; 2013 to present

Griffith Outreach Indigenous Service 2013 - present

Manuscript Reviewer - Laryngoscope, Otolaryngology Head and Neck Surgery, Clinical Otolaryngology

APOST Surgical Educator 2018 to present

AOQAN Coordinator for Otology Module - Planning stage with demonstration site access May 2020

Co-Convenor Endoscopic Ear Surgery - 6th Sydney Course; Kolling Building, Royal North Shore Hospital; September 21st and 22nd 2019

Government ENT Head and Neck Committee Member for NSW Health 2019 Endoscopy Purchase

General Secretary for International Working Group on Endoscopic Ear Surgery, June 2019 to present

Executive Ed Harvard University - Design Thinking; June 9th and 10th 2019

Lead Curriculum Developer for Master of Surgery (ORL) University of Sydney 2018- Otology section 2018 -2019

Asia Pacific Coordinator for 3rd Endoscopic Ear World Congress, Massachusetts Eye and Ear, Harvard, Boston, USA June 2019

Board Member (Education Lead) Pan Asian Working Group on Endoscopic Ear Surgery, elected position November 2017 - present

Co-convenor Indigenous Section of RACS, ASM; Sydney International Convention Centre; May 2018

Co-Convenor Endoscopic Ear Surgery - 4th Sydney Course; Kolling Building, Royal North Shore Hospital; September 2nd and 3rd, 2017

Commonwealth Government Prosthesis Committee for Otologic Prostheses 2015-2018

Scientific Convenor for Australian Society of Otolaryngology Head and Neck Surgery, ASM 2015

Convened the Endoscopic Ear Surgery Course - A New View Pre-satellite Surgical Course; Held at the ASAM, Macquarie University; 2015

Established Outreach Indigenous

Service to Griffith including monthly visits

to Aboriginal Medical Service and surgery at Griffith Base Hospital; 2013 onwards

Convenor for Unaccredited OHNS Position RNSH August 2012-present

Surgical Education

Surgical Supervisor of OHNS Training, RNSH Hospital 2018 to present
Medical Student SCORPIO teaching (every 3 months) and lecture series every 3 months. Sydney Medical School Northern Campus 2006 to present
Medical Student operating room and outpatient teaching weekly; Sydney Medical School RNSH Northern Campus; 2006 to present
Intern, Resident, Unaccredited Registrar teaching in Operating room and outpatients; Sydney Medical School RNSH Northern Campus; 2006 to present
Otolaryngology SET Trainee biweekly to monthly teaching; RNSH Hospital Campuses and at home; 2006 to present
Endoscopic Ear Fellowship Dr Nicholas Jufas 2015; Dr Carolina Wuesthoff 2017, Dr Andrew Ma 2019, Dr Horace Cheng 2020, Dr Ben Hunter 2021
Chief Supervisor Endoscopic Ear Observership
Dr Nikul Amin (UK Surgeon September 2019)
Dr Gabriel Huguet (Spanish Surgeon, September 2019)
Dr Mahoul Mali (Iranian Surgeon, August 2019)
Dr Tim Matthews (Australian Surgeon, August 2019)
Dr Rafiq Ahmed (Malaysian Surgeon) 2019
Dr Alessia Rubini (Italian surgeon) 2018,
Dr Moni Segura (Argentinian surgeon) 2018,
Dr Guillermo Stipech (Argentinian Surgeon) 2018
Dr Andy Hall (UK Surgeon) 2018
Dr Syed Hashmi (Pakistan surgeon) 2018
Dr Rani Abuta (Israeli Surgeon) 2017

Digital Education & Leadership

Otology Youtube channel https://www.youtube.com/user/lexingtona12?ob=0&feature=results_main

148 edited otology videos produced for teaching and instruction.
>3900 subscribers to the channel; > 3 million minutes of viewing

Endoscopic Ear Anatomy Online Dissection Video Manual First Edition 2016: <https://sydneyearendoscopy.com/>

> 161000 minutes of viewing

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Endoscopic Ear Anatomy

Downloadable Atlas First Edition 2016:

<http://sydneyearendo.wpengine.com/SEES-Dissection-Guide-FINAL-v1.05.pdf>

Endoscopic Ear Anatomy Online Dissection Video Manual (Translated into Mandarin) Distributed within China starting June 2019

Endoscopic Cholesteatoma Removal (Translated into Spanish) Patel, NP; Endoscopic Ear Surgery Dissection and Surgical Manual; August 2019 (In Spanish)

Lead Designer and Manager of the International Working Group on

Endoscopic Ear Surgery Website 2016 - present

Lead Designer and Manager of Pan Asian Working Group on Endoscopic Ear Surgery Website 2019 - present

Founder Griffith Indigenous Outreach Service 2013 - present

Monthly or Bimonthly outreach service to Griffith, NSW and surrounds indigenous population. The service includes outpatient visits through the Aboriginal Medical Services and operating at Griffith Base Hospital.

Endoscopic Ear Mission Trip to North Kinangop Catholic Hospital, Kenya

August 2018 Outreach service involving over 500 general otolaryngology outpatient visits and 65 operations.