



A/Prof William N Ha BDS Sc GCR Res Comm PhD(Endo) DCl in Dent(Endo) FPFA

University of Sydney,
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New South Wales 2010, Australia
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Summary

Completed specialist training in Endodontics in 2021 at the University of Adelaide and South Australian Dental Services. The DCl in Dent program included 9 articles in peer-reviewed journals, 1 article currently in press and one book chapter.

Completed a PhD which included 11 articles in peer-reviewed journals.

Completed the JBI Comprehensive systematic review training program.

Recipient of multiple research and travel grants.

Awarded a Fellow of the Pierre Fauchard Academy – an international dental association that recognizes and supports leaders of the dental profession.

Active researcher actively presenting research findings, locally and internationally, at scientific meetings as well as publishing multiple scientific articles.

Active contributor to dental teaching, research and philanthropy.

Developer of numerous dental phone applications.

Director of an endodontic supply company, Endogear Australia Pty Ltd.

Formal education

Doctor of Clinical Dentistry (Endodontics)

School of Dentistry, University of Adelaide
Completed

2019-2021

Doctor of Philosophy (Endodontic Biomaterials),

School of Dentistry, University of Queensland
Transferred from MPhil in 2014

2014-2017

Completed credits towards a Master of Philosophy (Endodontic Biomaterials)

School of Dentistry, University of Queensland
Transferred to PhD in 2014

2011-2014

Graduate Certificate in Research Commercialisation,

School of Business, University of Queensland
GPA 6.25 out of 7 (High Distinction)

2011-2012

Bachelor of Dental Science,

School of Dentistry, University of Queensland
GPA of 5 out of 7 (Credit)
Transferred from BSc in 2004

2004-2007

Completed credits towards a Bachelor of Science

School of Science, University of Queensland
GPA of 6.75 out of 7 (High Distinction)

2003

Other Education

Comprehensive Systematic Review Training Program (Modules 1,2,3)

Joanna Briggs Institute, Adelaide

2019

The Oral Cavity

University of Pennsylvania, Online

2018

Materials in Oral Health

University of Hong Kong, Online

2018

Implant Dentistry

University of Hong Kong, Online

2018

Internal Auditor Training

SAI Global, Online

2014

Employment

Staff specialist endodontist

New South Wales Health, Sydney Dental Hospital 2022-present

Casual endodontic tutor for BDS students

Adelaide Dental School, University of Adelaide 2019-2022

Part-time endodontic registrar (part-time)

South Australia Dental Services, Adelaide Dental Hospital 2019-2021

Casual tutor for BDS students and for BOH students

School of Dentistry, University of Queensland 2009-2011, 2017-2018

Part-time dental officer (limited to endodontics)

Dentist limited to endodontics
Caboolture Hospital, Redcliffe Hospital 2017-2018

Full-time general dentist

Brisbane, Queensland 2007-2018

Professional memberships

Australian Dental Association

Member 2007-present

Pierre Fauchard Academy

Fellow 2018-present

Australian Society of Endodontology (ASE)

Member, Past President of Queensland Branch & State Representative 2008-present

American Association of Endodontists (AAE)

Member 2018-present

Australian and New Zealand Association of Endodontists (ANZAE)

Member 2022-present

Australian and New Zealand Society of Paediatric Dentistry (ANZSPD)

Member, Past President of Queensland Branch 2010-present

International Association of Dental Traumatology (IADT)

Member 2008-present

International Association of Dental Research (IADR)

Member 2013-present

Past memberships

International Association of Dental Research (IADR)	<i>2013-present</i>
Australian Prosthodontic Society	<i>2009-2018</i>
Australian Sleep Association (Dental Section)	<i>2010-2011</i>
Fusion Dental Study Club	<i>2017-2018</i>
Cadmus Dental Study Club <i>Former member and former President</i>	<i>2008-2018</i>

Awards and grants

Graduate Student Scholarship: Terauchi File Retrieval Course, Sydney Australian Dental Association	<i>2020</i>
John Eustace Travel Award, Pan-Arab endodontic conference, Morocco <i>University of Adelaide</i>	<i>2020</i>
GO Lawrence Scholarship in Conservative Dentistry, Adelaide <i>University of Adelaide</i>	<i>2020</i>
ANZAE Education Grant: Torabinejad microsurgery course, Sydney <i>Australian and New Zealand Academy of Endodontists</i>	<i>2019</i>
John Booth Travel Award: American Association of Endodontists Conference, Montreal, Canada <i>Australian and New Zealand Academy of Endodontists</i>	<i>2019</i>
Postgraduate Research Grant <i>Australian Society of Endodontology</i>	<i>2016</i>
JADR Travel Award: JADR conference, Fukuoka, Japan <i>Japanese Association of Dental Research</i>	<i>2015</i>
ASE Postgraduate Research Grant <i>Australian Society of Endodontology</i>	<i>2014, 2011</i>
IADR Travel award: IADR-APR conference, Bangkok, Thailand <i>International Association of Dental Research</i>	<i>2013</i>
Commercialisation Training Scheme Scholarship, GCResComm <i>UQ & Commonwealth Government of Australia</i>	<i>2011</i>

Fellow of the Pierre Fauchard Academy

This title is given to dentists who have illustrated leadership and furthering the knowledge and standards of the dental profession.

Pierre Fauchard Academy (International)

2018

Poster Presentations

Ha WN, Tucker B. **A systematic review of pulp capping agents in dogs.** *Pan-Arab Endodontic Conference.* 2020; Marrakesh, Morocco.

Loo DSS, Choy C, Quigley NP, Ha WN. **Efficacy of bonding to zirconia – a systematic review.** *Meeting of the International Association of Dental Research - Australia New Zealand Region.* 2019; Brisbane, Australia.

Ha WN, Kahler B, Walsh LJ. **Dental material choices for pulp therapy by ANZSPD members.** Poster presented at the *World Congress on Dental Traumatology.* 2016; Brisbane, Australia.

Ha WN, Duckmanton P, Kahler B, Walsh LJ. **Survey on the usage of MTA by members of the ASE.** Poster presented at the *Annual Meeting of the Japanese Association of Dental Research.* 2015; Fukuoka, Japan.

Ha WN, Nicholson T, Kahler B, Walsh LJ. **Rheology of MTA.** Poster presented at the *Meeting of the International Association of Dental Research - Australia New Zealand Region.* 2015; Dunedin, New Zealand.

Ha WN, Bentz DP, Kahler B, Walsh LJ. **Setting time of MTA.** Poster presented at the *Meeting of the International Association of Dental Research - Australia New Zealand Region.* 2014; Brisbane, Australia.

Shakibaie F, Ha WN, Kahler B, Walsh LJ. **Deconvolution of the particle size distribution of MTA.** Poster presented at the *Meeting of the International Association of Dental Research - Australia New Zealand Region.* 2014; Brisbane, Australia.

Ha WN, Kahler B, Walsh LJ. **Storage of MTA.** Poster presented at the *Meeting of the International Association of Dental Research – Asia Pacific Region.* 2013; Bangkok, Thailand.

Ha WN, Kelloway E, Farah CS. **An audit of Australian paediatric oral and maxillofacial pathology.** Poster presented at the *Australian Dental Congress.* 2011; Brisbane, Australia.

Oral presentations

Endodontics, a clinical overview

<i>General dental residency, Melbourne (Online seminar)</i>	2020
<i>Endodontic Society of the Philippines, Manila (Online seminar)</i>	2020

Irrigation in Endodontics

<i>Hanoi University of Business and Technology, Vietnam (Online seminar)</i>	2020
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Case presentation - Dental trauma and resorption

<i>ANZSPD South Australia, Adelaide (Online seminar)</i>	2020
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CBCT analysis of teeth shape and prefabricated posts

<i>Research day, University of Adelaide, Adelaide</i>	2019, 2020
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Endodontics in veterinary dentistry

<i>ANZ College of Veterinary Scientists (Dental Section), Gold Coast</i>	2015, 2018
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Endodontic Biomaterials

<i>Congresso Internacional de Endodontia, Brazil (Online seminar)</i>	2019
<i>Endodontic Society of the Philippines, Manila, The Philippines</i>	2018
<i>Fusion Dental Study Club, Brisbane</i>	2018
<i>Queensland Health, Metro North Oral Health Services, Brisbane</i>	2018
<i>ADA New South Wales, Wagga Wagga</i>	2018

The use of MTA in endodontics and paediatric dentistry

<i>Adelaide University Dental Student Society</i>	2020
<i>Cadmus Dental Study Club, Brisbane</i>	2018
<i>ANZSPD Congress, Gold Coast</i>	2018
<i>Griffith University, Gold Coast</i>	2017, 2018, 2020 (online)
<i>Lautoka Hospital, Lautoka, Fiji</i>	2017
<i>Kathmandu Tuesday Study Club, Kathmandu, Nepal</i>	2017
<i>Multi-Disciplinary Study Club, Kathmandu, Nepal</i>	2017
<i>Fusion Dental Study Club, Brisbane</i>	2017
<i>ANZSPD Queensland, Brisbane</i>	2013, 2017
<i>Endodontic Society of the Philippines, Manila, Philippines</i>	2017
<i>ASE Victoria, Melbourne</i>	2017
<i>ANZAE & University of Sydney, Sydney</i>	2017
<i>ASE New South Wales, Sydney</i>	2015
<i>Hands on MTA CPD course, UQ School of Dentistry, Brisbane</i>	2014
<i>ASE Queensland, Brisbane</i>	2014

MTA: Assessment of clinical usage and investigations of modifying particle size.

<i>Research day, UQ School of Dentistry, Brisbane</i>	Every year within 2011-2017
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Peer-reviewed publications

Ha WN, Chaves GS, Decurcio D, Estrela C, Peters OA, Rossi-Fedele G. **Remaining dentinal thickness after simulated post space preparation and the fit of prefabricated posts to root canal preparations shapes.** J Am Dent Assoc 2021. In press, published online 13 Oct.

Mathew AI, Lee SC, Ha, WN, Rossi-Fedele G, Nagendrababu V. **Microbial contamination comparison between cotton pellet and polytetrafluoroethylene tape endodontic spacers: a systematic review.** Euro Endod J 2021; 61(2):143-50.

Elkholy MMA, Nawar NN, Ha WN, Saber SM, Kim H-C. **Impact of canal taper and access cavity design on the lifespan of an endodontically treated mandibular molar: a finite element analysis.** J Endod 2021; 47(9):1472-80.

Tucker B, Ha WN. **A systematic review of pulp capping agents in dogs.** J Vet Dent 2021; 38(1):34-45.

Mathew AI, Lee SC, Rossi-Fedele G, Bogen G, Nagendrababu V, Ha WN. **Comparative evaluation of Mineral Trioxide Aggregate obturation using four different techniques—A laboratory study.** Materials 2021;14:3126.

Alvino L, Ha WN, Chuan WC, Rossi-Fedele G. **What is new in the 2020 International Association of Dental Traumatology guidelines.** Dent Traumatol 2021. 37(3):510-520

ElKholy MA, Ha WN. **An arithmetic crown-down dynamic tactile instrumentation technique: A case report of an S-shaped root canal.** J Endod 2021; 47(5):836-843.

Quigley NP, Loo DSS, Choy C, Ha WN. **Clinical efficacy of bonding to zirconia – a systematic review.** J Prosthet Dent 2021. 2021; 125(2):231-240.

Chu JHR, Chia KY, Qui AL, Moule A, Ha WN. **The effects of sodium hypochlorite and ethylenediaminetetraacetic acid on the microhardness of Mineral Trioxide Aggregate and TotalFill Bioceramic Putty.** Aust Endod J. 2020; 46(1):33-39.

Ha WN, Kahler B, Walsh LJ. **Classification and nomenclature of hygroscopic dental cements.** Eur Endod J. 2017;27(2): 22-27.

Ha WN, Nicholson T, Kahler B, Walsh LJ. **Rheological characterization as an alternative method to indentation for determining the setting time of restorative and endodontic cements.** Materials. 2017;10(12): e1451.

Ha WN, Nicholson T, Kahler B, Walsh LJ. **MTA – A review of properties and testing methodologies.** *Materials*. 2017;10(11): e1261.

Ha WN, Kahler B, Walsh LJ. **Dental material choices for pulp therapy in paediatric dentistry.** *Eur Endod J*. 2017;2(1): 1-7.

Ha WN, Duckmanton P, Kahler B, Walsh LJ. **A survey of various endodontic procedures related to MTA usage by members of the Australian Society of Endodontology.** *Aust Endod J*. 2016;42(3): 132-138.

Ha WN, Shakibaie F, Kahler B, Walsh LJ. **Deconvolution of the particle size distribution of ProRoot MTA and MTA Angelus.** *Acta Biomater Odontol Scand*. 2016;2(1): 7-11.

Ha WN, Kahler B, Walsh LJ. **The influence of particle size and curing conditions on testing Mineral Trioxide Aggregate cement.** *Acta Biomater Odontol Scand*. 2016;2(1): 130-137.

Ha WN, Nicholson T, Kahler B, Walsh LJ. **Methodologies of measuring the setting times of mineral trioxide aggregate and Portland cements used in dentistry.** *Acta Biomater Odontol Scand*. 2016;2(1): 25-30.

Ha WN, Bentz DP, Kahler B, Walsh LJ. **D90: The strongest contributor to setting time in MTA and Portland cement.** *J Endod*. 2015;41(7): 1146-50.

Ha WN, Kahler B, Walsh LJ. **Clinical manipulation of mineral trioxide aggregate: lessons from the construction industry and their relevance to clinical practice.** *J Can Dent Assoc*. 2015;81: f4.

Ha WN, Kahler B, Walsh LJ. **Particle size changes in unsealed mineral trioxide aggregate powder.** *J Endod*. 2014;40(3): 423-6.

Ha WN, Kelloway E, Dost F, Farah CS. **A retrospective analysis of oral and maxillofacial pathology in an Australian paediatric population.** *Aust Dent J*. 2014;59(2): 221-5.

Kelloway E, Ha WN, Dost F, Farah CS. **A retrospective analysis of oral and maxillofacial pathology in an Australian adult population.** *Aust Dent J*. 2014;59(2): 215-20.

Upcoming publications

Al-bermani A, Quigley NP, Ha WN. **Do zirconia single-retainer resin-bonded fixed dental prostheses present a viable treatment option for the replacement of missing anterior teeth? A systematic review and meta-analysis.** *J Prosthet Dent* 2021. In press. Published Online 07 Dec 2021.

Other publications

Fareed MA, Ha WN, Chopra V, Shivagange V. **Chapter 13: Root-end filling materials.** In book: Biomaterials in endodontics, Publisher: Woodhead Publishing in Biomaterials (Elsevier).

Ha WN, Bentz DP, Kahler B, Walsh LJ. **Particle size influences the properties of mineral trioxide aggregate.** Aust Dent J Res Supp 2015;60: S11-12.

Ha WN, Hsing J, Kelloway E, Leong M, Lin C, Wainwright E, et al. **A study of smoking cessation.** Hyg Today. 2009(1):4-7.

Volunteer work

Academic positions

University of Queensland and University of Adelaide monthly webinars
Facilitator (Lecturer) 2021-present

Deputy Editor in Chief / Former Associate Editor
European Endodontic Journal 2020-present

Co-Representative of Doctor of Clinical Dentistry students at the University of Adelaide
Representative 2019

Society and study clubs

Committee member of the Queensland branch of the Australian and New Zealand Society of Paediatric Dentistry
President 2018-2019

Committee member of the Queensland branch of the Australian Society of Endodontology
President and Queensland representative. Former Secretary/Treasurer 2016-2019

Committee member of the Cadmus Dental Study Group
President, Vice-President, and Secretary. 2010-2013

Other educational roles

Vietnamese translation of the International Association of Dental Traumatology guidelines for dental trauma
Co-translator and published on the IADT website 2017, 2020

Convener for presentations at ANZSPD National meeting at the Gold Coast
Convening presentations for Assoc. Prof Bill Kahler 2018

Multi-society event for graduating dental students (UQ and Griffith University)
Hosted events for students to introduce them to the Queensland branches of the dental societies (ANZSPD, ASO, ASE, APS, ASP, ANZAOMS, AOS, FRACDS) 2016, 2017, 2018

Endodontic Workshop with DentsplySirona (University of Adelaide)
Hosted events for students to introduce them to DentsplySirona endodontic equipment 2020-2021

Clinical volunteering

Team Philippines

Travelled to Calauan in the Philippines to join a project by the University of Notre Dame and Barney's Church (Ultimo, Sydney) where a team of doctors, dentists and student clinicians provide free medical and dental care. December 2017

Fusion Study Club – Philanthropic arm

Co-organised a group of 7 dental clinicians from Australia to travel to Nepal and provide free dental care in remote areas in the Kaski region and in the Chitwan region. April 2017

SmileHigh

Provided free dental care in the Everest, Langtang region and Dolkha region in Nepal. March 2008, October 2010, October 2015

Tzu Chi Dental

Provided free dental care for refugees in Brisbane government clinics. April 2006, October 2009

International Scores

ResearchGate (William-Ha-2), Score 20.60, *h*-index 11

Scopus (55929400900), *h*-index 8

Social Media (Instagram @endoprepapp) 21.1k followers

Expertscape (<https://expertscape.com/au/endodontics/Ha%2C+William+N>)
Ranked in the top 2.6% globally and 12th in Australia in published authors in endodontics

App Development for iOS and Android devices

EndoPrep

App for measuring root canal curvature, tooth inclination and lengths 2021

AAE EndoCase

App for determining case difficulty in endodontics 2020

Express referrals for FDS

App for referring patients to a specialist dental practice 2017

BraceMate

App for orthodontic patients to help them care for their braces 2015

Dental Prescriber

App for dentists to assist in prescribing correct dosages of medications 2011

Private Enterprises

Endogear Australia Pty. Ltd.

Director of a boutique endodontic equipment distribution company 2020-present