

# William N Ha BSc PhD(Endo) FPFA

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University of Adelaide, Adelaide  
Dental School, Adelaide South  
Australia 5000, Australia  
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## Summary

Dentist undertaking specialist training in Endodontics at the University of Adelaide and South Australian Dental Services

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

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

Recipient of multiple research and travel grants

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 dental phone applications

## Formal education

### **Doctor of Clinical Dentistry (Endodontics)**

*School of Dentistry, University of Adelaide*  
Currently enrolled

2019-present

### **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

## Clinical dentistry experience

### **Part-time endodontic registrar**

*South Australia Dental Services, Adelaide Dental Hospital*

2019-present

### **Part-time dental officer (limited to endodontics)**

Dentist limited to endodontics and supervisor of 4<sup>th</sup> year BDS<sub>c</sub> students  
*Caboolture Hospital, Redcliffe Hospital, Brisbane Oral Health Centre*

2017-2018

### **Part-time associate general dentist**

*Logan Smiles, Loganholme, Queensland*

2017-2018

*Logan Village Dental, Queensland*

2014-2017

*Raceview Dental & Yamanto Dental, Ipswich, Queensland*

2010-2014

*Coopers Plains Dental Group, Coopers Plains, Queensland*

2008-2010

### **Clinical supervisor for BDS<sub>c</sub> and BOH undergraduate courses**

*School of Dentistry, University of Queensland*

2009-2011, 2017

## 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)**

*International endodontic resident member*

*2018-present*

### **Australian and New Zealand Society of Paediatric Dentistry (ANZSPD)**

*Member, Past President of Queensland Branch*

*2010-present*

### **International Association of Dental Research (IADR)**

*Member*

*2013-present*

### **International Association of Dental Traumatology (IADT)**

*Member*

*2008-present*

## Past memberships

### **Australian Prosthodontic Society**

*Former member*

*2009-2018*

### **Australian Sleep Association**

*Former member of the Dental Section*

*2010-2011*

### **Cadmus Dental Study Club**

*Former member and former President*

*2008-2018*

### **Fusion Dental Study Club**

*Former member*

*2017-2018*

## Awards and grants

<b>GO Lawrence Scholarship in Conservative Dentistry, Adelaide</b> <i>University of Adelaide</i>	2020
<b>ANZAE education grant to attend Torabinejad microsurgery course, Sydney</b> <i>Australian and New Zealand Academy of Endodontists</i>	2019
<b>John Booth travel award to attend the AAE conference, Montreal, Canada</b> <i>Australian and New Zealand Academy of Endodontists</i>	2019
<b>Postgraduate research grant</b> <i>Australian Society of Endodontology</i>	2016
<b>Travel award to attend the JADR conference, Fukuoka, Japan</b> <i>Japanese Association of Dental Research</i>	2015
<b>Postgraduate research grant</b> <i>Australian Society of Endodontology</i>	2014
<b>Travel award to attend the IADR-APR conference, Bangkok, Thailand</b> <i>International Association of Dental Research</i>	2013
<b>Commercialisation Training Scheme Scholarship to study GCResComm</b> <i>UQ &amp; Government of Australia</i>	2011
<b>Postgraduate research grant</b> <i>Australian Dental Research Foundation</i>	2011
<b>Dean's Commendation for High Achievement</b> <i>First year Bachelor of Science</i>	2003
<b>High School Prizes</b> <i>Year 12 Academic Award, Mathematics B Prize</i>	2002
<b>Fellow of the Pierre Fauchard Academy</b> This title is given to dentists who have illustrated leadership and furthering the knowledge and standards of the dental profession. <i>Pierre Fauchard Academy (International)</i>	2018

## Oral presentations

<b>CBCT analysis of teeth shape and prefabricated posts</b> <i>Research day, University of Adelaide, Adelaide</i>	2019
<b>Apical barrier placement and apical surgery in Animals</b> <i>ANZ College of Veterinary Scientists (Dental Section), Gold Coast</i>	2018
<b>Endodontic Biomaterials</b> <i>Congresso Internacional de Endodontia, Online Seminars, Brazil</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
<b>Dental material choices for pulp therapy by ANZSPD members</b> <i>ANZSPD Congress, Gold Coast</i>	2018
<b>The use of MTA in endodontics and paediatric dentistry</b> <i>Adelaide University Dental Student Society</i>	2020
<i>Cadmus Dental Study Club, Brisbane</i>	2018
<i>Griffith University, Gold Coast</i>	2017
<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 &amp; University of Sydney, Sydney</i>	2017
<i>ASE New South Wales, Sydney</i>	2015
<b>The use of MTA in veterinary dentistry</b> <i>ANZ College of Veterinary Scientists (Dental Section), Gold Coast</i>	2015
<b>The physical and chemical properties of MTA</b> <i>Hands on MTA CPD course, UQ School of Dentistry, Brisbane</i>	2014
<b>The effect of storage conditions on MTA</b> <i>ASE Queensland, Brisbane</i>	2014
<b>MTA: Assessment of clinical usage and investigations of modifying particle size.</b> <i>Research day, UQ School of Dentistry, Brisbane</i>	Every year within 2011-2017

## 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.

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.

## Peer reviewed publications

Quigley NP, Loo DSS, Choy C, Ha WN. **Clinical Efficacy of bonding to zirconia – a systematic review.** J Prosthet Dent 2019. In press

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. 2019; 45(2) ahead of print.

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.

### Other publications

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.

Ha WN. Registrant of GMDN Term 'Hydraulic dental cement', (now **Hygroscopic dental cement**), Term P60510. Available from <https://www.gmdnagency.org/>

### Upcoming publications

Tucker B, Ha WN. **A systematic review of pulp capping agents in dogs.** J Vet Dent. Article accepted, pending publication 2020.

### Online Education

The Oral Cavity <i>University of Pennsylvania, Online</i>	2018
Materials in Oral Health <i>University of Hong Kong, Online</i>	2018
Implant Dentistry <i>University of Hong Kong, Online</i>	2018
Internal Auditor Training <i>SAI Global, Online</i>	2014



## Volunteer work

### Honorary positions

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

*Representative* 2019-present

**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

### Academic volunteering

**Vietnamese translation of the International Association of Dental Traumatology guidelines for dental trauma**

*Co-translator and published on the IADT website.* 2017

**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

## Clinical volunteering

### Team Philippines

*I 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

*I 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

*A project by Dr Julian Haszard (orthodontist) and Dr Mingma Sherpa (Nepalese dentist) providing free dental care in the Everest region, Langtang region and Dolkha region in Nepal.* March 2008, October 2010, October 2015

### Tzu Chi Dental

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

## App Development for iOS and Android devices

### 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

## Other

**Queensland radiation licenses:** Laser, Extra-Oral (OPG and CBVT) and Intra-Oral

**South Australian radiation license:** Extra-Oral and Intra-Oral

**Working with Children (NSW) number:** WWC1107397E

**Digital National Police Certificate:** QNPC-34287 (QLD), AFP Ref 4189961PC

**Valid First Aid and CPR:** Most recent update 12/09/2017

## Referees

### **Professor Laurence Walsh**

**BDS Sc PhD D DSc GCEd FFOP(RCPA) FICD FADI FPFA FIADFE**

Primary PhD Research Supervisor

School of Dentistry, University of Queensland,

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### **Associate Professor Bill Kahler**

**BDS Sc FRACDS MScDent D ClinDent (Endo) PhD MRACDS (Endo) FICD**

Secondary PhD Research Supervisor

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### **Adjunct Associate Professor Peter Duckmanton**

**BDS MDS Sc FRACDS FICD, FPFA**

Co-author in published research

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