



Faculty of Dentistry UiTM / O: 03-61266611 / aida_nurashikin@uitm.edu.my

ASSOCIATE PROFESSOR DR AIDA NUR ASHIKIN BINTI ABD RAHMAN

FDSRCS *Ad Eundem*, MOrthRCS(England), MOrthRCPS(Glasgow), MOrth(Malaya), BDS(Malaya),
MScMed(Wales), PgDipMed(Wales),

Areas of expertise:

- Orthodontic in Orthognathic
- Orthodontic material
- Orthodontic mini implant
- Medical and Dental Education
- Cleft Lip and Palate
- Salivary Proteomic
- Fake braces

PROFESSIONAL EXPERIENCE

Education

- 2004 Bachelor of Dental Surgery (Malaya)
- 2008 Certificate in Lingual Orthodontics Incognito (Hong Kong)
- 2011 Master in Orthodontics (Malaya)
- 2013 Certificate in Clear Aligner Invisalign (Singapore)
- 2015 Diploma of Membership in Orthodontics Royal College of Surgeon (England)
- 2017 Diploma of Membership in Royal College of Physicians and Surgeons of Glasgow
- 2018 Postgraduate Diploma in Medical Education (Wales)
- 2018 International Fellowship in Orthodontics (RCS England)
- 2019 Certified in IOTN and Par scoring indices calibration in Cardiff University
- 2020 Certified in Mentorship by Royal College of Physicians and Surgeons of Glasgow
- 2020 MSc in Medical Education (Wales)
- 2020 Fellowship in Dental Surgery of the Royal College of Surgeons of England (FDSRCS)
- 2021 Certificate in Leadership Principles Harvard University

Current and Past Careers

Ministry of Health, Malaysia (2004 – 2007)

- 01 July 2004 **First Year Dental Officer Training (Multidiscipline)**
Hospital Tengku Ampuan Rahimah Klang, Klang
Klinik Pergigian Klang, Jalan Tengku Kelana
- July 2005 **Dental Surgeon**
Oral Surgery Department

Selayang Specialist Hospital

Sept 2006 **Senior Dental Officer**
 Oral Maxillofacial Department
 Sungai Buloh Trauma Centre and Hospital

Universiti Teknologi MARA (UiTM), Sungai Buloh Campus (2007 – present)

July 2007 **Tutor DUG45**
 Faculty of Dentistry
 Universiti Teknologi MARA

July 2007 **Postgraduate**
 Master in Orthodontics
 University of Malaya

July 2011 **Lecturer/ Orthodontist**
 Centre for Paediatric Dentistry & Orthodontics Studies
 Faculty of Dentistry
 Universiti Teknologi MARA

July 2011 **Senior Lecturer DUG52 /Orthodontic BDS Coordinator**
 Centre for Paediatric Dentistry & Orthodontic Studies
 Faculty of Dentistry
 Universiti Teknologi MARA

November 2011 **Visiting Orthodontist**
 Darul Ehsan Medical Specialist
 Shah Alam

April 2013 **Acting Head**
 Centre for Paediatric Dentistry & Orthodontics Studies
 Faculty of Dentistry
 Universiti Teknologi MARA

July 2013 **Senior Lecturer DUG54 /Coordinator for DClintDent Module**
 Centre for Paediatric Dentistry & Orthodontic Studies
 Faculty of Dentistry
 Universiti Teknologi MARA

November 2013 **Deputy Dean (Academic & International)**
 Faculty of Dentistry
 Universiti Teknologi MARA

October 2015 **Senior Lecturer in Orthodontics**

Centre for Paediatric Dentistry & Orthodontic Studies

Faculty of Dentistry

Universiti Teknologi MARA

December 2016

Orthodontic Clinical Fellow (International Fellowship RCS)

Orthodontic and Maxillofacial Unit Countess of Chester Hospital & Cleft Unit, Royal Manchester Children's Hospital Manchester, United Kingdom

October 2018-2022

Deputy Dean (Academic & International)

Faculty of Dentistry

Universiti Teknologi MARA

January 2019

Associate Professor in Orthodontics

Faculty of Dentistry

Universiti Teknologi MARA

Professional Affiliations & Membership

Fellowship in Dental Surgery of the Royal College of Surgeons of England (FDSRCS)

Fellow of World Federation of Orthodontics (WFO)

Membership in Orthodontics Royal College of Surgeon (England)

Membership of Royal College of Physician and Surgeons of Glasgow

Immediate Past Secretary of South East Asia Association for Dental Education (SEAADE)

Member of Malaysian Association of Orthodontists (MAO)

Member of International Association for Dental Research (IADR)

Member of Craniofacial Society of Great Britain and Ireland (CFSGBI)

Life member of Cleft Lip and Palate Association of Malaysia (CLAPAM)

Member of Medical Relief Society Malaysia (MERCY)

APPOINTMENTS & RESPONSIBILITIES

- **Past Secretary** of South East Asia Association for Dental Education (SEAADE) 2014-2016.
- **Deputy Dean (Academic)** Faculty of Dentistry UiTM, 2013-2015
- **Chairperson** Problem Based Learning (PBL) Faculty of Dentistry UiTM, 2013-2015, 2018-2020.
- **Chairperson** Outcome Based Education (OBE) Faculty of Dentistry UiTM 2013-2015. 2018-2020
- **Grant reviewer panel** for Grant for Academic & Research Assimilation (ARAS UiTM) 2016.
- **Grant reviewer** panel for DUCS 2020
- **Grant reviewer** panel for Faculty of Medicine UiTM Research Grant (FMRG)
- **Grant reviewer** Internal reviewer FRGS grant 2021

- **Board Member** for Curriculum development for DClintDent Orthodontics, Prosthodontics, Periodontics Universiti Teknologi MARA.
- **Member for Board of Studies** for Master (coursework) of Oral Biology University of Malaya Faculty of Dentistry University of Malaya.
- **Member for Board of Studies** for Foundation Studies in Dentistry University of Malaya
- **Member for Board of Studies** for Certificate of Dental Surgery Assistant University of Malaya Centre of continuous education (UMMCced).
- **Internal examiner** for Master in Orthodontic (UiTM)-Dr Majda Elfseyie 1st Aug 2012.
- **Content expert for** PhD proposal defense entitled 3D bone analysis of Orthodontic Implant 2nd July 2012.
- **Content expert for** DClintDent proposal defense entitled Effectiveness and reliability of disclosing solution in adhesive remnant index 12th May 2012.
- **Invited judge** for 6th National Dental Student Scientific Conference 2014, held at AiMST Kedah, Malaysia.
- **Invited Reviewer** for publications in journals;
 1. **Acta Odontologica Scandinavica**
 2. **Angle Orthodontist**
 3. **Malaysian Dental Journal**
 4. **The Malaysian Medical Gazette**
 5. **Annals of Dentistry (ADUM)**
 6. **Archives of Oral Sciences (AOS)**
 7. **IIUM Medical Journal Malaysia (IMJM)**
 8. **Jurnal Sains Kesihatan Malaysia (JSKM)**
 9. **Sains Malaysiana Journal**
 10. **Journal of Dental Education**
- **Invited Speaker** at The 21st Malaysian Association of Orthodontists, International Scientific Conference & Trade Exhibition, 20th -21st April 2015, Penang, Malaysia.
- **Invited Speaker** at The 11th International Dental Collaboration of Mekong River meeting, 17th -19th November 2016, UiTM Sungai Buloh, Malaysia.
- **Invited Speaker** at Community Practitioner Assembly (COMPASS), 13-15 May 2016, Medical Faculty UiTM, Sungai Buloh Malaysia. **Invited Speaker** for Continuous Medical Education for Medical Centre UiTM, UiTM Puncak Alam, **15th April, 2014.**
- **Invited Panel** for Basic Teaching and Learning course organized by Medical Education Research and Development (MeRDU) Faculty of Medicine UiTM, 2014, 2015 & 2016.
- **Speaker** at 3rd Academic Colloquium Faculty of Dentistry, 25-27th Feb 2014, Kg Gajah Perak.
- **Speaker** at 4th Academic Colloquium Faculty of Dentistry, 17-19th April 2015, KWSP Training Centre, Kajang Selangor.
- **Lead Interviewer** panel for BDS UiTM admission 2015 & 2016. Faculty of Dentistry, UiTM.
- **Invited Speaker** for Portmeirion Orthodontic Study Day, 29th June 2018 Portmeirion, Wales United Kingdom.
- **Deputy Dean (Academic)** Faculty of Dentistry UiTM 2018-2022.
- **Speaker** at 8th Academic Colloquium, 7th-9th July 2019, Faculty of Dentistry, Faculty of Dentistry UiTM, Sungai Buloh.
- **Facilitator** Curriculum review workshop 7-9th January 2020, Institute of Leadership and Development (ILD), Negeri Sembilan.

- **Speaker** at Examination workshop, 10th January 2020, Faculty of Dentistry, Faculty of Dentistry UiTM, Sungai Buloh.
- **Key opinion Leader** for 3M Dental
- **Speaker** at Outcome Based Education (OBE), Examination, & AIMS Workshop, 1, 7, 11th September 2020.
- **Invited Jury**, International Invention and Innovation in Dentistry Exhibition 2020 (IIDentEx2020)-Virtual 20th October 2020.
- **Malaysian Qualifying Agency panel of assesor** for Dr in Orthodontics programme provisional accreditation at University of Malaya, July 2019.
- **Malaysian Qualifying Agency panel of assesor** for Dr in Orthodontics programme provisional accreditation at International Islamic University Malaysia, February 2020.
- **Malaysian Qualifying Agency panel of assesor** for Bachelor Dental Surgery programme reaccreditation at Lincoln University College, July 2020.
- **Malaysian Qualifying Agency panel of assesor** for Bachelor Dental Surgery programme reaccreditation at Melaka Manipal University College, September 2020.
- **Board of Study member** for Master of Science in International Islamic University, March 2021.
- **Malaysian Qualifying Agency panel of assesor** for Dr in Orthodontics programme provisional accreditation at National University Malaysia, April 2021.
- **Examiner for Membership in Orthodontics Examination** for The Royal College of Surgeons of England

Postgraduate Teaching

DS 701 - Master of Science in Dentistry
 DS 931 - Doctorate in Clinical Dentistry (Orthodontics)
 DS 972 - Doctor in Orthodontics
 DS 950 - PhD by Research
 DS 750 – Master by Research

Undergraduate Teaching

DOR505 - Orthodontics
 DCC607 – Comprehensive Care
 DPC601 – Patient Care & Professional Development

SCIENTIFIC PUBLICATIONS

Academic Publication

- ANA Abd Rahman, 2011. Tooth Size Discrepancies Among Different Ethnic Groups of Orthodontic Patients. Thesis for Masters of Orthodontics University of Malaya.
- Orthodontic Course Handbook 2011 (1st Ed), 2012, 2013 for BDS DPO501, DOR503 Faculty of Dentistry Universiti Teknologi MARA
- Clinical Photography Manual 2013 (First Edition) DClintDent DS 931 Faculty of Dentistry Universiti Teknologi MARA

Scientific Publications

Scientific Paper

- 1) Comparison of Tooth Size Discrepancy of 3 Main Ethnics in Malaysia with Bolton Value: A Preliminary Study.
ANA Abd Rahman, Siti A Othman
Sains Malaysiana Journal (2012) 41(2):271-275 (ISI Indexed)

- 2) Effects of recycling and bonding agent application on bond strength of stainless steel orthodontic brackets
FI Bahnasi, **ANA Abd Rahman**, MI Abu-Hassan
Journal of Clinical Experimental Dentistry. 2013;5(4):e197-202 (Scopus Indexed)

- 3) The impact of recycling and repeated recycling on shear bond strength of stainless steel orthodontic brackets
FI Bahnasi, **ANA Abd Rahman**, MI Abu-Hassan
Orthodontic Waves (2013) 72(1):16-22 (ISI Indexed)

- 4) The Impact of Er,Cr:YSGG Laser Recycling on Shear Bond Strength (SBS) of Stainless Steel Orthodontic Bracket
FI Bahnasi, **ANA Abd Rahman**, MI Abu-Hassan
European International Journal of Science and Technology (2014) 3(7): 1-8

- 5) Differential expression of serum ceruplasmin and α_2 -HS glycoprotein among nasopharyngeal carcinoma patients.
Doustjalali SR, Bhuiyan M, Al-Jashamy K, Irfan M, El-Sersi M, TZ Khin, NH Linn, WM Lin, V Appalanaidu, **ANA Abd Rahman**, Mansor M, Sekaran SD, Sabet NS.
Journal of Molecular Biomarker & Diagnosis (2015) 2(10): 1-4.

- 6) Protein map standardization of Human Saliva using two dimensional gel electrophoresis (2-DE)
Doustjalali SR, Yaldrum A, Al-Jashamy K, Irfan M, TZ Khin, NH Linn, WM Lin, V Appalanaidu, **ANA Abd Rahman**, Mansor M, Sekaran SD, Sabet NS.
Journal of Molecular Biomarker & Diagnosis (2015) 6(6): 1-3

- 7) An Assessment of Oral Health Related Quality of Life in Orthodontics Patients with Micro-Implant: A Pilot Study
Zubaidah Mohammad Zubir, Mohd Masood, **Aida Nur Ashikin Abd Rahman**
UI Proceedings of Health Medicine (2016) (1): 131-135.

- 8) A Preliminary assessment of oral health related quality of life in orthodontics patients with SS and TiA micro-implant
ZM Zubir, M Masood, **ANA A Rahman**
European International Journal of Science and Technology (2018) 7(3):13-22.

- 9) Liquid Chromatography Mass Spectrometry (LC-MS) analysis in determining the saliva protein of orthodontic patients during retention phase
NH Awang Kechik, R Ahmad, SR Doustjalali, NS Sabet, **ANA Abd Rahman**
Journal of Clinical Experimental Dentistry (2019);11(3): 269-74(Scopus indexed)

- 10) Protein map standardization of Human urine using two dimensional gel electrophoresis (2-DE)
Doustjalali SR, Sabet NS, **ANA Abd Rahman**, NH Linn, Al-Jashamy K, Hhalaf, AT, TZ Khin, Kumar SS, TD Hlaing, K To, SY Abdul Kadir, J Zainol, R Mohamad, AH Mansar, RSY Wong, Noraliza N, Nor Datiakma MA, M Mansor, MN Mohd Desa, WF Wong.
International Journal of Pharmaceutical Research (2019) 11(3): 101-4. (Scopus indexed)
- 11) The role of components and molecules of periodontal ligament in orthodontic tooth movement
LT Younis, M Masood, FI Bahnasi, ANA Abd-Rahman, MI Abu-Hassan.
Asian Journal of Dental Sciences (2019), 2(2): 1-12.
- 12) Effect of Hypoxia on the Induction of Premature Cellular Senescence in the Cells of Periodontium during Orthodontic Tooth Loading.
LT Younis, FI Bahnasi, ANA Abd-Rahman, MI Abu-Hassan.
Asian Journal of Biology (2019), 8(3): 1-5.
- 13) Periodontitis: A hastened and destructive inflammatory induced senescence
LT Younis, FI Bahnasi, ANA Abd-Rahman, MI Abu-Hassan.
Asian Journal of Dental Sciences (2020), 3(1): 49-57.
- 14) Dental Fluorosis: Dilemma of genetic susceptibility
LT Younis, FAA Naqiyuddin, A Azhar, AIA Amron, ANA Abd-Rahman, MI Abu-Hassan.
Asian Journal of Dental Sciences (2020), 3(2): 21-26.
- 15) A Malaysian National Cleft Registry: An Orthodontic Point of View
AI Shahrul, MS Ahmad, NM Mustapha, **ANA Abd Rahman**.
Archives of Orofacial Sciences (2020), 15(2): p.1-7.
- 16) Impact of sign language communication training on dental student's empathy, learning experiences and attitudes towards people with disabilities.
Ahmad, MS., Bakri, NN., Khan, FO., **Abd Rahman, ANA**.
Journal of Medicina Oral, Patalogia Oral, Cirugia Bucal (2020); 26(Suppl 1):1-79.(ISI)
- 17) A Comparison of Different Standard Setting Methods for professional Qualifying Dental Examination
Abd Rahman, ANA, Baharuddin, IH., Mohamed-Ibrahim, AH., Davies, SJ.
Journal of Dental Education (2021) (ISI) in press
- 18) Timely combination Therapy of Skeletal and Dental Class II malocclusion with Temporary Anchorage Device and Mesially Impacted Mandibular 2nd Molars: A Case-Report.
Ab Rahman, N, Khursheed Alam, M, **Abd Rahman, ANA, Mang Chek, W.**
Bangladesh J of Medical Science (2021) 20(3): p. 744-8. (Scopus)
- 19) Occlusal Outcome of Orthodontic Treatment for Patients with Complete Cleft Lip and Palate.
Stonehouse-Smith, D, **Abd Rahman, ANA**, Mooney, J, Bellardie, H.
The Cleft Palate-Craniofacial Journal (2021) p.1-7. (ISI)
- 20) Turmeric Extract Having Anti-microbial Action as a Potential Therapeutic Agent Against Common Oral Pathogens in Dentistry In: Md Shariff (2021) Enhancing Halal Sustainability, Springer Nature. (ISI).
Mohd-Sarmin, NI, Abu-Jamil, NSN, Muhd-Hanifah, NA, **Abd Rahman, ANA.**

21) Telemedicine as an Alternative Way to provide Multidisciplinary Cleft Care during the COVID-19 Pandemic.

AI Shahrul, **Abd Rahman, ANA.**

The Open Dentistry Journal (Scopus) In press

22) Orthodontic Product Sold via Online Marketplaces in Malaysia

AI Shahrul, **Abd Rahman, ANA.**

Malaysian Dental Journal (MyCite) In press

CONFERENCES

Proceedings

Bolton tooth size discrepancy of Three Main Ethnic in Malaysia: a Pilot study

ANA Abd Rahman, SA Othman

(Presented as Scientific Poster at 87th EOS Congress in Istanbul, Turkey, 19-23rd June 2011 and abstract of proceeding published in ***European Journal of Orthodontics*** (cited in ISI and Scopus indexed publication)

Tooth Size Discrepancies Among Different Ethnic Groups of Malaysian Orthodontic Population

ANA Abd Rahman, SA Othman

(Presented as Scientific Poster at 7th International Orthodontic Congress Sydney Australia, 6-9th February 2010 and abstract of proceedings published in ***World Journal of Orthodontics***, ISI and Scopus indexed)

Comparison Of Shear Bond Strength Between Er,Cr3:Ysgg Laser & Sandblasting Recycling Methods On Stainless Steel Orthodontic Brackets

ANA Abd Rahman, FI Bahnasi, MI Abu-Hassan

(Oral presented in 101st FDI Annual World Dental Congress, Istanbul Turkey August 2013) Published In ***International Dental Journal*** 2013.63(S1):99-197 (cited in ISI and Scopus indexed publication)

The Impact of Recycling on SBS of Orthodontic Brackets

F.I. Bahnasi, **ANA Abd Rahman, M.I. Abu-Hassan**

(Oral Presentation in 26th International Association for Dental Research South-East Asia Division, 23rd South-East Asia Association for Dental Education Annual Scientific Meeting 2012 Hong Kong. 1st-4th November 2012.

Effect of Recycling and Repeated Recycling on SBS Stainless Steel Orthodontic Brackets

ANA Abd Rahman, F.I. Bahnasi, M.I. Abu-Hassan

Scientific Poster Presentation in 8th Asian Pacific Orthodontic Conference and 47th Indian Orthodontic Conference, New Delhi, India (29th Nov-2nd Dec 2012).

Recycled vs new stainless steel brackets

ANA Abd Rahman, F.I. Bahnasi, M.I. Abu-Hassan

Scientific poster presentation at Malaysian Association of Orthodontists International Scientific Conference and Trade Exhibition (13th April 2013-15th April 2013)

Metal ion release of recycled orthodontic brackets: an in-vitro study

NS Ismail; MS Shafie; M Fauzi Safian, **Aida Nur Ashikin Abd Rahman;**

(Oral Presented at 24th South East Asia Association Dental Education Meeting, Bangkok Thailand (19th August -20th August 2013).

Tooth size discrepancies among orthodontic patients in Malaysia

ANA Abd Rahman, SA Othman
(Presented as oral presentation at 26th *SEAADE & 29th IADR SEA Division*,
Bali Indonesia (12th -15th August, 2015).

Distortion and Shear Bond Strength of Reconditioned Orthodontic Brackets

FI Bahnasi, **ANA Abd Rahman**, MI Abu Hassan
(Presented as Scientific Poster at 8th *International Orthodontic Congress* London,
27th -30th September 2015)

A Randomized Clinical Trial Comparing Bond Failure rate of new and reconditioned Orthodontic Brackets

FI Bahnasi, **ANA Abd Rahman**, MI Abu Hassan
(Presented as Scientific Poster at 8th *International Orthodontic Congress* London,
27th -30th September 2015)

Anti-microbial effects of turmeric extracts against common oral pathogens

NSN Abu Jamil, NA Muhd Hanifah, NI Mohd Sarmin, **ANA Abd Rahman**.
(Presented as oral presentation at 104th *FDI World Dental Congress*, Poznan, Poland
on 7th-10th September 2016).Published In ***International Dental Journal***
2016.67(S1):2-264 (cited in ISI and Scopus indexed publication)

An Evaluation of The Quality of Life between SS Micro-implant and Ti-A Micro-Implant patient during En-masse Retraction.

ZM Zubir, M Masood, **ANA Abd Rahman**
(Presented as Scientific Poster at 105th *FDI World Dental Congress*, Madrid Spain,
September 2017)
Published In ***International Dental Journal*** 2017.67(S1):2-264 (cited in ISI and
Scopus indexed publication)

An Evaluation of The Effectiveness between SS Micro-implant and Ti-A Micro-Implant patient during En-masse Retraction.

ZM Zubir, M Masood, **ANA Abd Rahman**
(Presented as Oral Presentation at 105th *FDI World Dental Congress*, Madrid Spain,
September 2017)
Published In ***International Dental Journal*** 2017.67(S1):2-264 (cited in ISI and
Scopus indexed publication)

The impact of reconditioned orthodontic brackets on bond strength in vivo.

FI Bahnasi, **ANA Abd Rahman**, MI Abu-Hassan
(Presented as Scientific Poster at 93rd Congress of the European Orthodontic
Society, which in Montreux, Switzerland in June 2017)Published in ***European
Journal of Orthodontics*** supplement issue 2017.

An interim report on the Orthodontic, Speech and Psychology outcomes in combined orthodontic/orthognathic treatment of Cleft Lip and Palate patients.

H Belardie, A McMullin, **ANA Abd Rahman**, J Davies, Z Foyston, P Abeles
(Presented as Oral presentation at *Craniofacial Society of Great Britain and Ireland*,
18th-20th April, 2018. Birmingham, United Kingdom.

The orthodontic outcomes of 235 consecutive CLP patients treated by one operator.

H Belardie, A McMullin, **ANA Abd Rahman**
(Presented as Oral presentation at *Craniofacial Society of Great Britain and Ireland*,
18th-20th April, 2018. Birmingham, United Kingdom.)

The effectiveness between stainless steel and titanium-alloy micro-implant during en-masse retraction.

ZM Zubir, M Masood, **ANA Abd Rahman** (Presented as Scientific Poster at *International Association for Dental Research* on 25th-28th July, 2018. London, United Kingdom)

Antimicrobial effects of Turmeric extracts against common oral pathogens: A promising therapeutic applications in dentistry.

NSN Abu Jamil, NA Muhd Hanifah, N'I Mohd Sarmin, **ANA Abd Rahman.**
(presented as Oral presentation at *International Halal Conference INHAC 2019* on 22nd-23rd of April 2019, Osaka Japan)

Treatment Duration For Combined Orthodontic And Orthognathic Treatment At Countess Of Chester Hospital: A Re-Audit

ANA Abd Rahman, SM Chadwick, C Melrose.
(Presented as scientific poster in 95th European Orthodontic Society meeting on 17th-22nd June 2019, Nice, France) Published in **European Journal of Orthodontics** supplement issue 2019.

A Study on Differentially Expressed Salivary Proteins of Post-Orthodontic Treatment Patients Via Proteomic Approach

NH, Awang Kechik, R, Ahmad, SR, Doustjalali, NS Sabet, **ANA Abd Rahman.**
(Presented as scientific poster in 95th European Orthodontic Society meeting on 17th-22nd June 2019, Nice, France).

The Orthodontic Outcomes Of 84 Consecutive Patients With A Repaired Unilateral Cleft Lip And Palate Treated By One Operator.

Bellardie, H., **Abd Rahman ANA,** Stonehouse, D., Mooney, J.
(Presented as Oral presentation at *European Cleft Palate Craniofacial Association conference, Utrecht, Netherlands, 12th-15th June 2019*).

The Orthodonti/Orthognathic, Speech And Psychology Outcomes In Combined Orthodontic/Orthognathic Treatment Of Cleft Lip And Palate (CLP) Patients.

Bellardie, H., **Abd Rahman ANA,** Beale, V., Abeles, P..
(Presented as Scientific Poster at *European Cleft Palate Craniofacial Association conference, Utrecht, Netherlands, 12th-15th June 2019*).

Growth Outcome Prediction and It's Correlated Dental Age Among Cleft Lip and Palate Children in Klang Valley

Syed-Zain, SS., Redzuan, SQ., Othman, SA, Mohd-Yusof, MYP., **Abd Rahman, ANA.**
(Presented as Scientific Poster at *Resident's Forum at The 9th International Orthodontic Congress, World Federation of Orthodontists, Yokohama, Japan, 4th-6th October 2020*).

Management of Severe Skeletal 2 with Sequential Removable Functional Appliance Therapy

Abd Rahman, ANA., Chadwick, SM., Melrose, C.
(Presented as General Poster at the 9th International Orthodontic Congress, Yokohama, Japan, 4th-6th October 2020).

The effect of grading scheme determined by a different standard setting method in final year dental examination.

Abd Rahman, ANA., Baharuddin, IH., Mohamed-Ibrahim, AH., Davies, SJ.
(Presented as Oral Presentation for Senior Hatton Award Competition at the 34th International Association for Dental Research-Southeast Asian Division Annual Scientific Meeting, Bangkok, Thailand, 26th-27th November 2020).

A Comparison of Different Standard Setting Methods in Final Year Dental Examination.

Abd Rahman, ANA., Baharuddin, IH., Mohamed-Ibrahim, AH., Davies, SJ.
(Presented as Oral Presentation at the 31st South East Asia Association for Dental

Public Education

Bracing yourself for the braces. **ANA Abd Rahman**

May 2015 Healthy living section, **Health Today magazine, MIMS Medica Kuala Lumpur.**

Gigi Mudah Rosak. **ANA Abd Rahman**

Interview newspaper article by Rosyaida Abdullah. October 2015 **Harian Metro** Kuala Lumpur.

Jonggang Punca Masalah Rahang. **ANA Abd Rahman**

Newspaper article by Rosyaida Abdullah. February 2016 **Harian Metro** Kuala Lumpur.

Harapan untuk bayi sumbing. **ANA Abd Rahman**

Newspaper article July 31st 2016 **Harian Metro**. Kuala Lumpur

Pendakap gigi palsu

Television interview. 12th October 2016. **Malaysia Hari Ini (MHI) TV3**. Seri Pentas Damansara.

Senyuman menawan, hati tertawan. 7th April 2019. **Selamat Malam Malaysia**. Kuala Lumpur.

GRANTS

Comparison of Tooth Size Discrepancy of 3 Main Ethnic in Malaysia with Bolton Value: A Preliminary Study.	Leader	Universiti Malaya	2007-2011
Effects of Recycled Orthodontic Brackets on Fixed Appliance	Leader	Research Intensive Faculty	2012-2014
Comparison of rate of space closure between Niti and stainless steel coil spring.	Member	Research Intensive Faculty	2012-2014
A Tracer Study of the UiTM Bachelor of Dental Surgery Graduates: Basis for Improvement of the Dental Curriculum	Member	Academic & Research Assimilation	2015-2017
Evaluation of effectiveness between Stainless Steel and Titanium Alloy Microimplant: A Randomized Clinical Trial.	Leader	LESTARI grant	2015-2020
Anti-Microbial effects of turmeric and curcuminoids against common oral pathogens: An in vitro study.	Leader	Faculty of Dentistry	2015
Intellectual property for "Curcuma Longa (Turmeric) in Detry"	Leader	Worldwide OCR and RIBU UiTM	2015
Faculty Research Grant University of Malaya	Member	University of Malaya	2020
FRGS incentive special grant	Leader	Universiti Teknologi MARA	2020

SUPERVISION

Research collaborations

Year	Title	Institution
2007	Bolton Tooth size analysis among Malaysian population	University of Malaya
2012	Toxicity effects of recycled orthodontic brackets	Faculty of applied science UiTM
2016	Salivary proteomic analysis as prediction of orthodontic relapse.	SEGI Medical College
2019	A multi-centre study of treatment outcome in patients born with complete unilateral cleft lip and palate	University of Malaya Universiti Sains Malaysia
	Prevalence of obstructive sleep apnoea in patients seeking orthodontic care and its association with malocclusion	University of Malaya

2020	Perceptions towards orthodontic marketing through social media amongst young adults in the Klang Valley: A Qualitative Study.	University of Malaya
	Knowledge, Attitudes, Practices And Readiness Towards Returning To Work In Dental Settings Post Covid-19 Pandemic Among Dental Students And Dental Staff: A Multicentre Study In Malaysia.	University of Malaya
	Growth Outcome Prediction and Development and validation of the cleft registry Malaysia	University of Western Cape, Cape Town, University of Manchester UK, University of Malaya, Universiti Sains Malaysia
Research supervision		
(Postgraduate and Undergraduate)		
Role/Level	Student and title	Date
Co-Supervisor PhD	Dr Faisal Ismail al-Sayed Bahnasi <i><u>The impact of reconditioned orthodontic brackets on bond strength during orthodontic treatment</u></i>	1 February 2012-2016 (graduated)
Main Supervisor Bachelor	Nurul Solehah Ismail Maryam Syairah Shafie <i><u>Metal Ion Release of Recycled Orthodontic Brackets</u></i>	1 January 2012-2013 (graduated)
Main Supervisor DClintDent	Zubaidah Mohammad Zubir <i><u>An evaluation of the effectiveness between stainless steel and titanium alloy microimplant: A randomized clinical trial.</u></i>	5 August 2014-June 2017 (graduated)
Main Supervisor Bachelor	Nur Ain Mohd Hanifah, Nur Syahirah Nabila Abdul Jamil <i><u>Anti-microbial effects of Turmeric and Curcuminoids against Common Oral pathogens: An In vitro study</u></i>	22 January 2014- July 2015 (graduated)
Main Supervisor DClintDent	Noor Hidayah Bt Awang Kechik <i><u>Prediction of Orthodontic Relapse by Salivary Protein Analysis</u></i>	3 August 2015-February 2019 (graduated)
Main Supervisor BDS	Sharifah Sakinah Binti Syed Zain Syasya Qistina Binti Redzuan <i><u>Growth outcome prediction and it's correlated dental age among Cleft Lip and Palate children in Klang Valley.</u></i>	1 November 2018-12 February 2020

Co-supervisor BDS	Muhammad Asyrani bin Asban Nur Syafiah Aina binti Mohd Salleh <i>Perceptions of Interprofessional Education Among Clinical Healthcare Students at Universiti Teknologi MARA (UiTM)</i>	2 June 2021-April 2023
Main Supervisor MScD and Dr in Orthodontics (DOrth)	Al Imran Shahrul Naing <i>Growth Outcome Prediction and Development and validation of the cleft registry Malaysia</i>	4 September 2019-2020 (graduated)
	Muhammad Fathy B Zainal Fikry <i>A comparison of cytotoxicity level, chemical, morphological changes and bacterial adsorption of "fake", "real" and conventional braces: An in-vitro study.</i>	12 October 2020-2023 5 October 2020-26 September 2021

RECOGNITIONS AND AWARDS

Best Presenter Award (Postgraduate in Coursework category)

Tooth Size Discrepancies among Different Ethnic Groups of Orthodontic Patients

ANA Abd Rahman, SA Othman

4th Postgraduate Seminar, Faculty of Dentistry University of Malaya (29-30th June 2011)

1st Place Oral Scientific Presentation

Metal ion release of recycled orthodontic brackets: an in-vitro study

Nurul Solehah Ismail; Maryam Syairah Shafie; Muhd Fauzi Safian, **Aida Nur Ashikin**

Abd Rahman; **3rd UiTM Dental Student Symposium**, Universiti Teknologi MARA (30th April 2013)

2nd Place Scientific Poster Presentation

Orthodontic Bracket Reconditioning: Effects On Shear Bond Strength

F.I. Bahnasi, **A.N.A. Abd Rahman**, M.I. Abu-Hassan

3rd UiTM Dental Student Symposium, Universiti Teknologi MARA (30th April 2013)

1st runner up for Oral Scientific Presentation

Metal ion release of recycled orthodontic brackets: an in-vitro study

NS Ismail; MS Shafie; MS Safian, **ANA Abd Rahman**;

5th National Dental Student Scientific Conference, International Medical University (17th -19th May 2013)

Best Presenter Award (Research category)

Metal ion release of reconditioned vs new orthodontic brackets : an in vitro study

NS Ismail, MS Shafie , **ANA Abd Rahman**

9th Asian Pacific Orthodontic Congress & 20th Malaysian Association of Orthodontists, Borneo Convention Centre, Kuching Sarawak (17th-20th October 2014)

Gold Medal Award

Antimicrobial effects of Turmeric extracts against common oral pathogens: a promising therapeutic applications in dentistry. Best Innovation Award.

NSN Abu Jamil, NA Muhd Hanifah, N'I Mohd Sarmin, **ANA Abd Rahman**.

International Research Innovation and Symposium Exposition 2015, 18th-19th November 2015, Universiti Teknologi MARA and MOSTI

Best Scientific Oral Presentation

The effectiveness between stainless steel and titanium-alloy micro-implant during en-masse retraction

ZM Zubir, M Masood, **ANA Abd Rahman**

22nd Malaysian Association of Orthodontists, Langkawi Island Kedah (23rd – 25th April 2016).

2nd runner up Scientific Poster Presentation

An assessment of oral health related quality of life in orthodontic patients with microimplant: a pilot study.

ZM Zubir, M Masood, **ANA Abd Rahman**

7th UiTM Dental Student Symposium, Universiti Teknologi MARA (11th-12th April 2017)

Best Oral Presentation

Salivary proteomic analysis of post-orthodontic patients.

NH, Awang Kechik, R, Ahmad, SR, Doustjalali, NS Sabet, **ANA Abd Rahman.**

Malaysian International Dental Exhibition & Conference, Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia. (21st July 2018)

Silver Medal Award

Poly(vinyl) alcohol-multiwalled carbon nanotubes (PVA-MWCNT) as potential of oral drug carrier for curcumin.

Sarmin, NI., **Abd Rahman, ANA.**, Zawawi, NA., Begum Said, H.

International Innovation and Dental Exposition 2019, 25th June 2019 Universiti Teknologi MARA, Malacca, Malaysia.

Gold Medal Award

Curcumin D'Naturals: Anticaries. Healthy smiles for all.

Sarmin, NI., **Abd Rahman, ANA.**, Zawawi, NA., Begum Said, H., Shamsudin, N.

Invention, Innovation and Design Exposition 2019, 10th-15th Sept 2019 Dewan Agong Tunku Canselor, Universiti Teknologi MARA, Malaysia.

Best Education Research Award

Impact of sign language communication training on dental student's empathy, learning experiences and attitudes towards people with disabilities.

Ahmad, MS., Bakri, NN., Khan, FO., **Abd Rahman, ANA.**

International Association for Disability & Oral Health Scientific Conference, 17th Sept-5th Oct 2020. (Online Competition).

Silver Medal Award

Toothbrush Automated UV Sensor sanitiser.

Mohamed, NAH., Mohd-Zurix, MX, Mohd-Zurix, HX, Mohamed, MZ, **Abd Rahman, ANA.**, Mohd-Shafizal, MS.

International Innovation and Dental Exposition 2020, 20th October 2020 (Virtual).

Excellence Service Award 2012. Vice Chancellor. Universiti Teknologi MARA.

Promising Academician Award nominee 2015. Universiti Teknologi MARA

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