

Standing Committee Nomination Form 2024

First Nomination Nomination for re-election

This nomination is for:
(tick one box only) PLEASE USE **ONE FORM PER NOMINATION**

Membership Liaison and Support Committee Dental Practice Committee
 Education Committee Science Committee

Public Health Committee

DOCUMENTATION REQUIRED


Written presentation from the Nominee in English (Maximum 350 words for Standing Committees)

Included

Curriculum Vitae (CV) / personal record in English in a Word format

Included

NOMINEE'S INFORMATION

| |
|---|
| Title: Dr |
| Name: Zuhair Saleh Natto |
| Address: Dental Public Health Department , Faculty of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia |
| Member Association: Saudi Dental Society |
| The nominee declares that he/she is willing to serve in this position <input checked="" type="checkbox"/> Yes Signature  |

NOMINATING ASSOCIATION/ORGANIZATION'S INFORMATION

| |
|---|
| Name of the Association/Organization Saudi Dental Society |
| Name of Official representing this Association/Organisation (President/NLO/President-elect). The Nominee may not nominate himself/herself. Dr. Ziyad Allahem |
| Position of Official President of the Saudi Dental Society |
| Signature  |

To be eligible for election to a standing committee, nominees should meet the specific criteria for each committee listed below. Please tick the boxes below if the corresponding criteria are met.

Membership Liaison and Support Committee

- Able to communicate effectively in English, verbally and in documents
- Documented knowledge and experience of working within a national or international organization
- Documented knowledge and experience in promotion of health policies of writing, printing and/or publishing
- Networking and communication skills
- A successful candidate evaluation results (only in case of nomination for re-elections)

Dental Practice Committee

- Able to communicate effectively in English, verbally and in writing
- Documented knowledge and experience of clinical dental practice
- Experience in the management of projects related to dental practice
- Knowledge in areas relevant to the practice of dentistry, such as dental and professional legislation, ethics, practice management, working within a dental team, education, community oral health, etc...
- Experience in policy formulation, management and advocacy in the field of dental practice
- A successful candidate evaluation results (in case of nomination for re-elections)

Education Committee

- Able to communicate effectively in English, verbally and in writing
- Documented knowledge and experience in organising continuing education programmes for dental practitioners, lecturing experience, and knowledge of educational and training methods
- A record of attendance/participation of international dental congresses
- Contacts (network) of internationally renowned dental scientists and speakers
- A successful candidate evaluation results (in case of nomination for re-elections)

Science Committee Note: for Science Committee, a mix of members with expertise from different areas is important. There is currently a requirement for candidates with experience in the fields of oral pathology / oral medicine, gerodontology / general dentistry and periodontology.

- Able to communicate effectively in English verbally and in writing
- Post-graduate scientific qualifications
- A substantial record of publications in scientific journals especially dental
- Experience in the management of scientific projects
- Knowledge of the principles and practice of evidence-based dentistry
- Contacts (network) of internationally renowned dental scientists
- A successful candidate evaluation results (in case of nomination for re-elections)

Public Health Committee

A post-graduate academic qualification in dental public health or preventive and community dentistry is **an asset**. Please tick this box if applicable

- Able to communicate effectively in English, verbally and in writing
- Documented knowledge and work experience in dental public health c.q. oral health promotion and disease prevention
- In depth knowledge and documented experience relevant to areas of dental public health, such as disease prevention, fluorides, oral cancer, tobacco, nutrition, disease risk factors and health promoting behavioural aspects, community oral health etc.
- Documented experience in aspects of oral health development projects, such as developing, implementing, managing and evaluating these projects
- Experience in the development, implementation and evaluation of community-based projects and programs, including awareness, education and promotion, for different types of population.
- Experience in policy formulation and advocacy at highest levels in the field of (dental) public health and/or in high level decision making in international or national (dental) organisation
- Experience in epidemiology or public health research
- Contacts (network) of internationally renowned dental scientists or key health decision makers
- A successful candidate evaluation results (in case of nomination for re-elections)

CLOSING DATES FOR NOMINATIONS FOR STANDING COMMITTEES: 3 June 2024

This form must be signed and returned **preferably by email** to:

Ms Djerdana (Gina) Ivosevic at divosevic@fdiworlddental.org
with copy to Ms Maria Kramarenko mkramarenko@fdiworlddental.org
or **by fax** at +41 (0)22 560 8140

Zuhair Saleh Natto

BDS, MBA, MPH, MS, MSc, DrPH, FACD

**Associate Professor of Dental Public Health, Epidemiology, Biostatistics,
Implant Dentistry, and Periodontology**

Positions running for:

Member , FDI World Dental Federation, Public Health Committee

Letter of motivation

I am highly educated academic person and have several publications. I am very active in organizing Continuing Education Program (CEP) in my area. I have being doing that for 10 years. I have experience in the management of community projects by supervising postgraduate students and doing research at dental public health department. Moreover, I have been involved in several committee regarding practice laws, dental privilege, and dental career. I have the Knowledge of the principles and practice of evidence-based dentistry through out my teaching and being a member in of evidence-based education society. I also have contacts (network) of internationally renowned dental scientists via being member in many organization like IADR, ADA and others.

I think if I get the position in the public health committee I will expand my community and dental practice participation nationally and internationally. I will do these events will within the frame of the FDI continuing education and with a very high standard of lectures & workshops given by expert speakers locally and regionally (Middle East), help in conducting national surveys, and sharing my expertise in the public health committee. This will help to facilitate exchange experience between senior dentist, knowledge transfer & empower young dentists, more important to give an equal access to the highest quality resources among FDI member national dental associations.

I have pretty good have contacts (network) of internationally renowned dental scientists. Also, good contacts with the local representative of the biggest dental/pharmaceutical companies, which, might help to get community project support.

I think from my role as a council secretary in the Saudi Dental Society, president of IADR , Saudi Arabian division, chairs of several committee, can play a very important role in facilitate

networking among dental scientists. I have applied in the last year for the public health committee, and I did not have a luck. I am applying for the second time for the same committee and if I did not get a chance, I will apply if the system allow for me. Thank you for considering my application.

Curriculum Vitae

Zuhair Saleh Natto

BDS, MBA, MPH, MS, MSc, DrPH, FACD

Associate Professor of Public Health, Epidemiology, Biostatistics, Implant Dentistry , and Periodontology

Last update: May 5, 2024

Summary:

Zuhair Natto is an associate professor at King Abdulaziz University, Saudi Arabia, and a visiting assistant professor at Harvard School of Dental Medicine and Tufts School of Dental Medicine, USA. He is a Consultant of Periodontology, Implant Dentistry, and Dental Public Health, as well as a diplomate of the American Board of Periodontology, and the American Board of Implant Dentistry. He holds four master's degrees in business administration, biostatistics, clinical and transitional research, and molecular genetics and microbiology. He was awarded a doctorate in epidemiology. He received the senior executive leadership certificate from Cornell University. His topics of interest include genetic epidemiology, infectious epidemiology, statistical genetics, cancer epidemiology, smokeless tobacco, clinical trials in periodontology and implant dentistry, quality of systematic reviews, and meta-analysis.

Dr, Natto has published more than 130 papers published in peer-reviewed journals such as Lancet and JAMA. In addition, he published several book chapters, and 5 patents. He has more than 5000 citations. He received over 70 awards from various countries including the United States, Switzerland, the United Arab Emirates, Bahrain, Kuwait, Egypt, Algeria, and Saudi Arabia. Additionally, he received awards from the American Academy of Periodontology, Yankee Dental Congress, AEEDC, the Arab League, the Saudi Dental Society, World Intellectual Property Organization, the American Association of Public Health Dentistry, the American Dental Education Association, the Northeastern Society of Periodontists, the Greater New York Dental Meeting, Harvard University, Tufts University, Loma Linda University, Boston University, Ohio State University, and King Abdulaziz University.

His research focuses on infectious and genetic epidemiology. One of his recent publications, which received several awards, examined the periodontal pocket as an alternative source for SARS CoV-2 detection and diagnosis, which had never been investigated before. In another study, he analyzed the effects of several mouthwash products on COVID-19 viral load and its oral manifestation. Moreover, he carried out several clinical investigations to find alternative, affordable, and efficient dental materials, which found that the collagen sponge is equivalent to many other materials which had been previously studied and reported in journals of clinical periodontology. He used an evidence-based approach to evaluate several treatments and concepts such as laser and teeth sensitivity/peri-implant disease, extraction versus bone graft, the relationship

between periodontal disease and several systemic diseases, and how omega-3 supplementation can reduce overall inflammation.

One of Dr. Natto's most important scientific contributions has been his effort to standardize the periodontal disease diagnosis. In an article published in 2017, he clearly showed how different diagnoses can affect the prevalence of periodontal disease and implant conditions. He also demonstrated the current gap in this field, which was well received worldwide. As a result of these efforts, a new classification of periodontal disease was established in 2017. Another important contribution was his research into the effects of tobacco on human health. His research showed that smokeless tobacco can increase the chance of infectious disease, and that the human body requires about 11 years to fully restore all functions after tobacco cessation. He conducted several studies among the elderly population to understand the factors contributing to the oral health of this group.

In addition to his research endeavors, Dr. Natto established a YouTube channel for the Arab community to educate the public about how to conduct a research and those interested in basic research skills in the medical field. The channel focuses on study designs, research methods, biostatistics, and medical scientific writing. He also created several educational videos to inform the public about oral health issues. Since 2016, he has been a member of the planning and judge committees for the New England Science Symposium, one of the biggest scientific symposiums in the United States, hosted by Harvard University every year, and he was selected in Stanford university list among the top 2% most-cited scientists in the world . He was a part of several missionary trip in Zanzibar, Tanzania and Srilanka. He acts in various administrative works, and presented several workshops, courses, lectures, and posters nationally and internationally regarding public health, epidemiology, biostatistics, implant dentistry, and periodontology.

Personal information:

Gender: Male

Marital status: Married and 3 kids (Saleh, Habiba and Fatima)

Spouse: Heba Alshaeri (PharmD, MPH in Nutrition, PhD in Pharmacology)

Address P.O. Box 40311 Jeddah 21499, Saudi Arabia

Cell phone #: +966 503620037

Email : znatto@kau.edu.sa; zuhair.natto@tufts.edu ; zuhair_natto@hsdm.harvard.edu

Current position :

- Consultant, vice president for scientific research and post graduates studies, King Abdulaziz University, Saudi Arabia. 2021-present
- Consultant, Periodontology, implant dentistry and dental public health, Dental Department, Al-Nahdi care, Jeddah, Saudi Arabia 2021-present

- Associate Clinical Professor, Department of Dental Public Health, King Abdulaziz University, Saudi Arabia. 2020-present
- Consultant, Periodontology, implant dentistry and dental public health, Dental Department, Doctor Ghassan N. Pharaon (GNP) hospital, Jeddah, Saudi Arabia 2018-2020
- Adjunct Assistant Professor, Department of Periodontology, Tufts University School of Dental Medicine, USA 2016-present
- Assistant Clinical Professor, Department of Dental Public Health, King Abdulaziz University, Saudi Arabia. 2016-2020
- Lecturer, Department of Health Policy and Oral Epidemiology, Harvard School of Dental Medicine , USA 2016-present
- Visiting Assistant Professor, Department of Periodontology, Al-Farabi College for Nursing and Dentistry, Saudi Arabia 2017-2018

Education :

Doctorate:

- DrPH (Doctorate of public health in Epidemiology), Loma Linda University, USA. GPA 3.9/4 2013

Master:

- MBA (Master of Business Administration), King Abdulaziz University, Saudi Arabia GPA 3.9/4 2008
- MPH (Master of Public Health in Biostatistics), Loma Linda University ,USA. GPA 3.8/4 2009
- MSc (Master of Science in Clinical Research), Tufts University, USA. GPA 3.9/4 2016
- MS (Master of science in microbiology & molecular genetics), Loma Linda University ,USA. GPA 3.8/4 2019

Bachelor:

- BDS (Bachelor Degree in Dental Medicine and Surgery) , King Abdulaziz University , Saudi Arabia. 2007

Professional certificates:

- CPH (certified in Public health), National Board of Public Health Examiners. 2010
- CHG (Certificate of Health Geoinformatics) , Loma Linda University ,USA . 2011
- CAGS (Certificate of Advanced Graduate Studies in Periodontology), Tufts University. 2015

- Diplomate, American board of periodontology 2016
- Diplomate, International Congress of Oral Implantologists 2016
- Training in statistical genetics , Boston University 2017
- Diplomate, American board of oral implantology 2021
- Executive leadership program, Cornell University, NY, USA 2023

Fellowship:

- FACD (Fellow American College of Dentistry) 2018
- FICOI (Fellow of International Congress of Oral Implantologists). 2016
- FID (Fellow of Implant Dentistry), Tufts University. 2016
- FRCDC (Fellow of the Royal College of Dentists of Canada in Periodontics) (component I). 2016
- FAGD (Fellow of Academy of General Dentists). 2016

Memberships in professional and honor societies:

Honor societies

- Honor society 2015 – Present
- Honos Civicus 2015 – Present
- Sigma Xi, Scientific Research Society, Regular Member 2012 – Present
- Golden Key International Honor Society , Regular Member 2011 – Present

Professional societies

- Saudi society of dental public health 2021 – Present
- Saudi society of epidemiology 2021 – Present
- Cochrane Collaboration 2021 – Present
- Saudi Society of Periodontology 2019 – Present
- International Congress of Oral Implantologists (ICOI) 2015 – Present
- AAP Foundation 2014 Centennial Society 2014 – Present
- American Association of Periodontology 2012 – Present
- Academy of General Dentistry 2012 – Present
- American Dental Association 2012 – Present
- American Public Health Association. 2010 -Present
- Society of Epidemiological Research 2009 -Present
- International academy of periodontology. 2009 -Present
- American Association of Dental Research . 2009 -Present

- International Association of Dental Research. 2007 -Present
- Saudi Dental Society. 2003 -Present

Administrative experaince:

Dr. Zuhair possesses extensive administrative experiences, starting from training for a year and obtaining an Executive Leadership Diploma from Cornell University, not to mention his Master's and Doctorate degrees in Business Administration. Additionally, he has chaired numerous entities and committees including Assistant Dean, Director of Scientific Research Unit, Director of the World Organization for Dental Research, Medical Director, Head of the Dental Department, Secretary of the Saudi Dental Association, Chairman of the Scientific Committee for the World Dental Conference, Deputy Chairman of the Research Ethics Committee, as well as many committees in international relations, agreements, quality, curriculum, innovation, and much more.

Work history (Administrative and academic):

King Abdulaziz City for Science and Technology, Saudi Arabia

- Research consultant 2017 – 2018

Tufts University School of Dental Medicine, USA

- Statistical consultant 2015 – 2019
- DEGR203A: Epidemiology & critical thinking in the practice of dentistry (Instructor) Summer 2016
- Measure of Disease Frequency (Guest speaker for Pre doc course"PH884 Epidemiology ") 2015
- Number need to treat (Guest speaker for MPH course"PH213 Integration of Dentistry and Public Health" 2015
- Advance Epidemiology (Guest speaker for MSc course "DEGR 301: Biostatistics and Epidemiology II" 2015
- Periodontal Medicine (instructor) Winter 2015
- Periodontal Medicine (instructor) Fall 2014
- DEGR 301: Biostatistics and Epidemiology II (Instructor) Winter 2014
- DEGR203A: Epidemiology & critical thinking in the practice of dentistry(Teaching assistant) Summer 2014
- DEGR 206: Biostatistics IB (Principle of Biostatistics)(Teaching assistant) Fall 2013

Loma Linda University School of Public Health, USA

- EPDM 509: Principle of Epidemiology I (Graduate Assistant -Doctoral Fellowship Award) Fall 2009
- EPDM 510: Principle of Epidemiology II (Graduate Assistant -Doctoral Fellowship Award) Winter 2011
- EPDM 512: Multivariate Modeling in EPDM (Graduate Assistant -Doctoral Fellowship Award) Spring 2010
- EPDM 515: Clinical trials (Graduate Assistant -Doctoral Fellowship Award) Summer 2010
- EPDM 515: Clinical trials (Graduate Assistant -Doctoral Fellowship Award) Summer 2011
- STAT 522: Biostatistics II (Graduate Assistant -Doctoral Fellowship Award) Winter 2010
- STAT 509: General statistics (Graduate Assistant -Doctoral Fellowship Award) Spring 2011
- STAT 509: General statistics (Graduate Assistant -Doctoral Fellowship Award) Fall 2011
- STAT 509: General statistics (Graduate Assistant -Doctoral Fellowship Award) Spring 2012
- STAT 568: Data Analysis (Graduate Assistant -Doctoral Fellowship Award) Spring 2012
- STAT 569: Advance data Analysis (Graduate Assistant -Doctoral Fellowship Award) Fall 2011

King Abdulaziz University Faculty of Dentistry, Saudi Arabia

- DPHE 806: Research methods and designs (Course director) 2023
- Dean award committee, Secretary council 2022
- DPHE 806: Research methods and designs (Course director) Fall 2021
- Scientific book committee, member 2020-2021
- Community service unit, member 2020-2021
- PDS 434: biostatistics & methods of scientific research (Course director) Fall 2020
- Virtual learning committee, member 2020-2021
- PDS 434: biostatistics & methods of scientific research (Course director) Fall 2019
- Award committee, chair, 6th international dental conference 2019
- Scientific committee, member, 6th international dental conference 2019
- CODA accreditation committee, member Fall 2018
- PDS 434: biostatistics & methods of scientific research (Course director) Fall 2018
- Ethical research committee, vice chair 2018 – Present

- Research unit, chair 2018 – Present
- PDS 431: health education methods course (Course director) Fall 2017
- Ethical research committee, member 2017 – 2018
- Research unit, vice chair 2017 – 2018
- Committee of international agreements, member 2017 – 2018
- Exam unit, vice chair for electronic exams 2017 – 2018
- Lecturer, Dental Public Health 2007-2008
- Clinical instructor , Pediatric Dentistry then Restorative Dentistry 2007-2008

King Abdulaziz University Faculty of Medicine, Saudi Arabia

- CM 820: Clinical Trial (Course director) Fall 2023
- CM 820: Clinical Trial (Course director) Winter 2022
- CM 820: Clinical Trial (Course director) Fall 2021
- CM 820: Clinical Trial (Course director) Fall 2020
- CM 820: Clinical Trial (Course director) Fall 2019
- Clinical Trial (Guest speaker for MSc course “CM 894: Research Methods” 2015

Al-Farabi College for Nursing and Dentistry, Saudi Arabia

- CPD 696: Dental Public Health and Community Dentistry, level 11 (Course director) Fall 2018
- CPD 696: Dental Public Health and Community Dentistry, level 12 (Course director) Fall 2018
- Clinical instructor , Periodontology Winter 2019

Saudi Dental Society (SDS), Saudi Arabia

- Workshop committee, Saudi International Dental conference, Chair 2022- now
- Board member, Secretary council 2022- now
- Western board member. 2022- now
- Membership committee, chair 2022- now
- Regional representative committee, chair 2022- now

International association of dental research (IADR), Saudi division

- International association of dental research (IADR), Saudi section, president 2024- now

- King Abdulaziz University representative. 2022
- The 1st IADR Saudi Arabian Division Research Summer Program, program director 2022
- The 1st IADR Saudi Arabian Division Research Summer Program, research mentor 2022
- The 6th IADR Africa and Middle east region symposium in conjunction with the 3rd IADR Saudi division meeting, Riyadh, Saudi Arabia, Scientific committee, Chair 2022

Ministry of Health (MOH), Saudi Arabia

- National periodontal disease survey project, research adviser, trainer and supervisor. 2023
- National dental caries survey project, research adviser, trainer and supervisor. 2022

King Abdulaziz & His Companions Foundation for Giftedness & Creativity (Mawhiba)

- High school research training program , Instructor, 8 weeks. Each week is 4 hours. 2024
- Research day workshop , Instructor, 2 days. Each day is 8 hours. 2023
- Research day workshop , Instructor, 2 days. Each day is 8 hours. 2022
- High school research training program , Instructor, 8 weeks. Each week is 4 hours. 2022-2023
- High school research training pilot program , instructor, 8 weeks. Each week is 4 hours. 2021-2022

King Abdulaziz University, Saudi Arabia

- International reports committee, vice presidency for graduate studies and scientific research , member 2021-2022
- Postgraduate studies qualifying program, scientific committee , member 2019-2022

Editorship

- Guest editor, Frontier in Oral Health. 2024 -present
- Lead editor, Biomedical research international , Hindawi, ISI 3.4 2021-2022
- Guest editor, Oral, MDPI 2022-present
- Guest editor, Applied Sciences, MDPI, IF= 2.838. 2022-present

New England Science symposium

- Planning committee, member, New England Science symposium, Harvard University, 2024

- Boston, USA
- Planning committee, member, New England Science symposium, Harvard University, Boston, USA 2023
- Judge committee, member, New England Science symposium, Harvard University, Boston, USA 2022
- Planning committee, member, New England Science symposium, Harvard University, Boston, USA 2022
- Judge committee, member, New England Science symposium, Harvard University, Boston, USA 2021
- Planning committee, member, New England Science symposium, Harvard University, Boston, USA 2021
- Planning committee, member, New England Science symposium, Harvard University, Boston, USA 2020
- Planning committee, member, New England Science symposium, Harvard University, Boston, USA 2018
- Planning committee, member, New England Science symposium, Harvard University, Boston, USA 2017

Services :

- Saudi board of periodontology, Examiner, Saudi Commission for Health Specialties, Saudi Arabia 2023
- Presiding chair session , “Innovation in implant dentistry”. Saudi dental society monthly meeting, Jeddah, Saudi Arabia. 2023
- Presiding chair session , “Immediacy in implant dentistry”. Saudi dental society monthly meeting, Jeddah, Saudi Arabia. 2023
- Oral Presentation Judge Committee, member, Research Summer School, King Saudi bin Abdulaziz University for Health Science, Jeddah , Saudi Arabia. 2023
- Saudi fellowship of dental implant, Examiner, Saudi Commission for Health Specialties, Saudi Arabia 2023
- Saudi board of periodontology, Examiner, Saudi Commission for Health Specialties, Saudi Arabia 2022

- Oral Presentation Judge Committee, member, Research Summer School, King Saudi bin Abdulaziz University for Health Science, Jeddah , Saudi Arabia. 2022
- Alnahdi dental clinics, chair 2022 – present
- Institution review board (IRB), member, King Fahad General Hospital, ministry of health, Jeddah, Saudi Arabia 2021-2022
- Saudi board of periodontology, Examiner, Saudi Commission for Health Specialties, Saudi Arabia 2021
- Virus 1 oral session, chair , The 99th General Session of the IADR, the 50th Meeting of the AADR and the 45th Meeting of the CADR, Washington DC, USA 2021
- Doctorate preparation program executive committee, member, Center for Teaching & Learning Development, King Abdulaziz University. 2020-2021
- Scientific committee, member, global specialists for medical service (GSMS, Biohorizon) 2020- present
- Oral Presentation Judge Committee, member, Faculty of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2020
- Oral Presentation Judge Committee, member, Research Summer School, King Saudi bin Abdulaziz University for Health Science, Jeddah , Saudi Arabia. 2019
- Statistical advisor, Clinical Oral Implants Research Journal. 2018 – Present
- Poste Judge Committee, member, Makkah International Dental Conference and Exhibitions, Makkah, Saudi Arabia 2018
- Poste Judge Committee, member, 9th scientific forum, King Abdulaziz University, Jeddah, Saudi Arabia 2018
- Poste Judge Committee, member, 1st National Intern Research Day, School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2018
- Presiding chair session , “Nutrition and Dentistry”. The Yankee dental congress, Boston. 2017
- Presiding chair session , “Esthetic Veneer”. The Yankee dental congress, Boston. 2017
- Secretary, Saudi Student Club, Tufts University School of Dental Medicine, USA 2016
- Active member in Boston cares and Massachusetts Hispanic Dental Association, USA 2012 – 2017
- Secretary, Saudi Student Club, Tufts University School of Dental Medicine, USA 2015

- Chief resident , Department of Periodontology, Tufts University School of Dental Medicine, USA 2014-2015
- In charge of organizing committee of the 6th Boston Postdoctoral Periodontal Research meeting at Tufts University, Boston, USA 2015
- Student representative at Advanced & Graduate Education Committee, Tufts University School of Dental Medicine. 2014-2015
- Predoctoral periodontal club coordinator, Department of Periodontology, Tufts University School of Dental Medicine, USA 2014-2015
- Student representative and helped in organizing many events, such as public health week, and AIDS walk, Pathology of Love, a school retreat and many others, School of Public Health, Loma Linda University , USA 2010-2011
- Secretary of general committee for the cultural activity, King Abdulaziz University, Saudi Arabia 2007-2008
- President of Medical Excellence Club, King Abdulaziz University, Saudi Arabia 2007-2008
- Kingdom of Saudi Arabia delegation for west Arab youth camp in Tunisia 2007
- Member, relationship committee during the 2nd international king abdulaziz university & the 19th Saudi dental society conference , and IADR Saudi Arabian section & general assembly meeting. 2007
- Vice president for First Medical Club , King Abdulaziz University, Saudi Arabia 2006-2007
- Vice president for student congress, King Abdulaziz University, Saudi Arabia 2004-2006
- Student representative, King Abdulaziz University, Saudi Arabia 2003-2006
- Saudi Arabia representative and committee member for final deceleration, Festival of peace and international understanding, South of Korea. 2004
- Kingdom of Saudi Arabia delegation for first Arab youth camp in Egypt 2004
- King Abdulaziz University delegation for fifth cultural week for universities and higher education establishment in gulf cooperation council in Saudi Arabia 2004
- Trip director to Sweden, Saudi Science club, Saudi Arabia. 2003
- King Abdulaziz University student delegation to Malaysia. 2002
- King Abdulaziz University delegation for third talented Arab student symposium in Sudan. 2001

Community Services :

- Several interviews and online lectures, to education public about oral health, and research such as : 2021-2022
 - “Epidemiological research: Concepts and steps”, University of Jeddah
 - “All what related to gum health and how to take care of it ” Tababa program, Alif Alif FM.
 - “Dental implants ” Tababa program, Alif Alif FM.
 - “Smoking and oral health”, Tababa program, Alif Alif FM.
 - Smoking and teeth/oral health, an hour for oral health, Saudi Society of Periodontology
 - “Oral health for chronic disease patients”, Ministry of Health, Gulf week for oral health promotion.
- Educational videos for public about dental public health such as 2021-2022
 - “What do you know about dental caries”
 - “What is the cause of teeth discoloration ?
 - <https://www.instagram.com/tv/CLPKM9wnxgl/?igshid=1nn2risj1d6fa>
- Zuhair Natto You Tube channel to teach public and those who want to conduct a scientific research 2021
 - <https://www.youtube.com/channel/UC8gN0GyctxY9ZPOwAGwxrfQ>
- Missionary trip to Zanzibar , construction project, NomuHub, 2021

Awards :

- Dean's Research Award for highest impact factor (first place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2023
- Dean's Research Award for highest citation (first place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2023
- Dental public health department award for highest impact factor, School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2023
- Dental public health department award for highest citation, School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2023
- Dean's Research Award for highest citation (first place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2022

- Dean's Research Award for Best Researcher (third place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2022
- Dean's Research Award for highest impact factor (second place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2022
- IADR Saudi COVID-19 dental research initiative winner, International association of dental research (IADR), Saudi division, Saudi Arabia 2021
- Distinguished Arab Youth Award in Scientific research, Arab Youth Council for Integrated Development , Egypt . 2021
- Best poster Award (first place), UAE International Dental Conference & Arab Dental Exhibition (AEEDC Dubai), UAE. 2021
- Best poster Award (first place), 32nd Saudi International Dental Conference, Riyadh, Saudi Arabia 2021
- The best portfolio in the 9th diploma of Professional Development in Teaching and Learning, Center for Teaching & Learning Development, King Abdulaziz University. 2021
- Dean's Research Award for Best Researcher (first place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2021
- KAU President's Award for Excellence in e-learning , best course category, King Abdulaziz University, Jeddah, Saudi Arabia 2020
- Dean's Research Award for Best Researcher (first place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2020
- Scientific Publication Award, King Abdulaziz University, Jeddah, Saudi Arabia 2020
- Rose of Paracelsus Award, European Medical Association, Oxford University, UK 2019
- Silver medal for chronic periodontitis case definition, 2019 Japan design, idea and innovation expo, Japan 2019
- Young Investigator award, American Research Foundation, USA 2019
- President Award for electronic education , King Abdulaziz University, Jeddah, Saudi Arabia 2019
- Scientific Publication Award, King Abdulaziz University, Jeddah, Saudi Arabia 2019
- Best poster Award (first place), International Congress of Oral Implantology , Phoenix, USA 2019

- Yong Investigator Award, Greater New York Dental Meeting (GNYDM), USA 2018
- Dean's Research Award for Best Researcher (first place), School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2018
- Yong Investigator Award, UAE International Dental Conference & Arab Dental Exhibition (AEEDC Dubai), UAE. 2018
- Best poster Award (first place), International Congress of Oral Implantology , San Diego, USA 2016
- 3rd place in the Seventh Annual TUSDM Post-Doctoral Interdepartmental Research Day, Tufts University School of Dental Medicine, Boston, USA 2016
- American Academy of Periodontology Foundation award : ADEA/AAL Institute for Teaching and Learning (ITL) in health professions. 2016
- Osteology Research Academy Boston Education Grant, Osteology Foundation 2016
- 1st place in Master of Science Research Day, Tufts University School of Dental Medicine, Boston, USA 2016
- Best poster award during the 7th Boston Postdoctoral Periodontal Research meeting at Boston University, Boston, USA 2016
- Best Postgraduate Poster Presentation (first place), Bates-Andrews Research Day, Tufts University School of Dental Medicine, Boston, USA 2016
- Dr. Paul Tannenbaum and Dr. Robert Schoor Memorial Competition award, the Northeastern Society of Periodontists 2016
- Distinguished Arab Youth Award in Scientific research, Arab Youth Council for Integrated Development , Egypt . 2016
- Best Poster Award for the Dental Postgraduates category from American Association of Dental Research during Yankee Dental Congress. 2016
- Dean's Research Award for Student Scholars, School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2016
- Dean's Research Award for Student Scholars, School of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia 2015
- Honorable mention award, VOLPE Prize Competition, The Ohio State University, USA 2015
- Best poster award during the 6th Boston Postdoctoral Periodontal Research meeting at Tufts University, Boston, USA 2015

- Best King Abdulaziz University scholar student award, King Abdulaziz University, Jeddah, Saudi Arabia 2015
- Provost's Endowment Grant, Tufts University School of Dental Medicine, Boston, USA 2015
- The Academic Dental Careers " Home Institution" Fellowship Program from American Dental Education Association(ADEA), Washington, USA 2014
- Clinical science oral presentation award during the 5th Boston Postdoctoral Periodontal Research meeting at Harvard University, Boston, USA 2014
- Leverett Graduate Student Merit Award for Outstanding Achievement in Dental Public Health " from the American Association of Public Health Dentistry (AAPHD), Dallas, USA 2014
- Distinguished Arab Youth Award in Scientific research, Arab Youth Council for Integrated Development , Egypt . 2012
- The Serrao Health Policy and management practice scholarship, School of Public Health, Loma Linda University, USA. 2012
- Second international contest for the revival of Islamic heritage, Ministry of Religious Affairs and Endowments, Algeria. 2012
- The Ruth white Outstanding Student Award , School of Public Health, Loma Linda University ,USA. 2012
- The Ruth white Outstanding Student Award , School of Public Health, Loma Linda University ,USA. 2011
- Sheikh Abdullah Al-Mubarak Al-Sabah for scientific research award, Kuwait . 2011
- Selma Andrew Award, School of Public Health, Loma Linda University , USA 2011
- Selma Andrew Award, School of Public Health, Loma Linda University , USA 2010
- 1st prize for the best international health issue poster during the 1st annual national public health week , Loma Linda University , USA. 2010
- 2nd place Shiek Rashid bin Hameed Award for Cultural and Science , United Arab of emirates believe 2008
- 1st prize category for Young Dentist Research Awards (YDRA) from Saudi Dental Society during the 18th Saudi international dental congress, Saudi Arabia. 2007
- 2nd place Shiek Rashid bin Hameed Award for Cultural and Science , United Arab of emirates asteroid 2006

- 2nd place Shiek Rashid bin Hameed Award for Cultural and Science , United Arab of emirates 2005
- Student model, Faculty of Dentistry , King Abdulaziz University, Saudi Arabia. 2004
- 2nd place Shiek Rashid bin Hameed Award for Cultural and Science , United Arab of emirates 2003
- Golden medal in the 11th exhibition for scientific paper and inventions for youth and members of gulf cooperation council, Qatar 2003
- World Intellectual Property Organization (WIPO) Award, Switzerland 2002
- Bronze medal in the 10th exhibition for scientific paper and inventions for youth and members of gulf cooperation council, Bahrain 2001
- Many other awards (President , Vice president , Dean etc) with total more than 50 awards in scientific research

Grants:

Funded Research Project:

- 1 Effect of aging, storage conditions, post processing procedures, printer type and printing orientation on the dimensional stability, marginal discrepancy and surface roughness of 3D-printed models . (2021), King Abdulaziz University, Saudi Arabia (\$10666).
Role: Co-investigator
- 2 Alveolar ridge preservation using autogenous tooth graft in comparison with allograft: volumetric, radiographic, and histomorphometric analysis. (2021), King Abdulaziz University, Saudi Arabia (\$9333).
Role: Co-investigator
- 3 Is periodontal pocket act as a reservoir for Corona virus ? (2021), King Abdulaziz University, Saudi Arabia (\$10666).
Role: Principle investigator
- 4 Characteristics of corona virus disease 2019 (COVID-19) in Saudi Arabia. (2020), King Abdulaziz University, Saudi Arabia (\$15200).
Role: Principle investigator
- 5 The Effect Of Social Media On The Choice Of Dental Patients: A Cross-Sectional Study In The City Of Jeddah, Saudi Arabia. (2019), King Abdulaziz University, Saudi Arabia (\$7000).
Role: Principle investigator

- 6 Annual alveolar bone loss in older adults taking oral bisphosphonate: a retrospective cohort study. (2019), King Abdulaziz University, Saudi Arabia (\$7000).
Role: Principle investigator
- 7 Prevalence of periodontitis and alveolar bone loss in a patient population at Harvard School of Dental Medicine. (2019), King Abdulaziz University, Saudi Arabia (\$7000).
Role: Principle investigator
- 8 Annual alveolar bone loss in subjects with cardiovascular disease adjusting for associated systemic diseases and risk factors: a retrospective study (2019), King Abdulaziz University, Saudi Arabia (\$7000).
Role: Principle investigator
- 9 Effect of Mucograft®Seal on Post-extraction Ridge Preservation Using Bone Allograft: A Randomized Controlled Clinical Trial and Radiographic Evaluation (2016), Implant committee, School of Dental Medicine, Tufts University, USA (\$5518)
Role: Principle investigator
- 10 Cotinine and Carbon monoxide exposure among waterpipe smokers in Cambodia (2009-2010), Hulda Crock grant, School of Public Health, Loma Linda University , USA (\$990).
Role: Co-investigator
- 11 Comparing the success rate of pulp capping of young permanent teeth using MTA versus CaOH : a clinical study (9/2006 - 3/2008), King Abdulaziz city for science and technology, Saudi Arabia (\$11000).
Role: Co-investigator

Presentations:

Workshops:

- Advance dental implants therapy, hard and soft tissue preparation, Saudi Society of Periodontics, Al-Madinah, Saudi Arabia (14 hours) 2024
- Conducting secondary data analysis and publishing a scientific paper, Kuwait (30 hours) 2023
- Basic dental implant therapy , precision suturing, and alveolar ridge preservation, Saudi Society of Periodontics, Al-Madinah, Saudi Arabia (14 hours) 2023
- Strategy to start your research project in the ISI journals, Center for Teaching & Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia (3 CME hours). 2023
- What we need to focus on before publishing, Center for Teaching & Learning 2023

- Development, King Abdulaziz University, Jeddah, Saudi Arabia (6 CME hours).
- Faculty of Dentistry program for the new faculty , Faculty of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia (3CME hours). 2023
 - How to conduct a good clinical trial? Saudi National institute of health, Saudi Arabia (8 hours) 2023
 - How to conduct a systematic review, Faculty of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia (6 CME hours). 2023
 - The 6th IADR Africa and Middle east region symposium in conjunction with the 3rd IADR Saudi division meeting, Riyadh, Saudi Arabia “research and innovation workshop“ (6 CME hours) 2022
 - Writing a scientific article for an ISI journal , Faculty of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia (6 CME hours). 2022
 - Review Articles , Faculty of Pharmacy , King Abdulaziz University, Jeddah, Saudi Arabia (6 CME hours). 2022
 - How to conduct a systematic review, Center for Teaching & Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia (6 CME hours). Oct 2021
 - How to design your research ? , King Fahad General Hospital, Jeddah, Saudi Arabia (4 CME hours). 2021
 - BioHorizon Symposium, Jeddah, Saudi Arabia, “Dental implant design and implications for treatment outcomes” 2020
 - ISI research journey workshop, Saudi International periodontics conference, Saudi periodontal society, Saudi Arabia. (5 CME hours). Nov 26 2020
 - Writing scientific manuscripts for ISI journals workshop (science campus), Center for Teaching & Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia (6 CME hours). Oct 2020
 - Writing scientific manuscripts for ISI journals workshop (non-science campus), Center for Teaching & Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia (6 CME hours). Sept 2020
 - Design your research and publish fast workshop, Jeddah Medical Health Center, Jeddah, Saudi Arabia (8 CME hours). July, 2019
 - Crown lengthening and socket preservation workshop, International Medical Center , March ,

- Jeddah, Saudi Arabia (8 CME hours). 2019
- Design your research and publish fast workshop, International Medical Center , March ,
Jeddah, Saudi Arabia (8 CME hours). 2019
- From idea to publication research workshop 2, International Medical Center , Jeddah, 2018
Saudi Arabia (6 weeks).
- Crown lengthening, The Yankee dental congress, Boston, USA (4 CME hours) 2018
- Optimizing periodontal non-surgical therapy , The Yankee dental congress, Boston, 2018
USA (4 CME hours)
- From idea to publication research workshop 1, International Medical Center , Jeddah, 2017
Saudi Arabia (6 weeks).

Crush courses:

- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Evidence 2023
based dentistry “ (10 hours).
- Saudi Board of Pediatric Dentistry , Resident R2, Jeddah, Saudi Arabia, “CBCT in 2023
Pediatric Dentistry “ (4 hours).
- Saudi Board of Pediatric Dentistry , Resident R4, Jeddah, Saudi Arabia, “Dental Public 2023
Health “ (10 hours).
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Oral 2023
Epidemiology in Saudi Arabia “ (10 hours).
- Saudi Board of Pediatric Dentistry , Resident R2, Jeddah, Saudi Arabia, “Research 2023
design and scientific writing “ (10 hours).
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Evidence 2022
based dentistry “ (10 hours).
- Saudi Board of Pediatric Dentistry , Resident R2, Jeddah, Saudi Arabia, “CBCT in 2022
Pediatric Dentistry “ (4 hours).
- Saudi Board of Pediatric Dentistry , Resident R4, Jeddah, Saudi Arabia, “Dental Public 2022
Health “ (10 hours).
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Oral 2022
Epidemiology in Saudi Arabia “ (10 hours).
- Saudi Board of Pediatric Dentistry , Resident R2, Jeddah, Saudi Arabia, “Research 2022

design and scientific writing “ (10 hours).

- Saudi Board of Pediatric Dentistry , Resident R3 and R4, Jeddah, Saudi Arabia, “CBCT in Pediatric Dentistry “ (4 hours). 2021
- Saudi Board of Pediatric Dentistry , Resident R4, Jeddah, Saudi Arabia, “Dental Public Health “ (10 hours). 2021
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Oral Epidemiology in Saudi Arabia “ (10 hours). 2021
- Saudi Board of Pediatric Dentistry , Resident R2, Jeddah, Saudi Arabia, “Research design and scientific writing “ (10 hours). 2021
- Saudi Board of Pediatric Dentistry , Resident R3 and R4, Jeddah, Saudi Arabia, “CBCT in Pediatric Dentistry “ (4 hours). 2020
- Saudi Board of Pediatric Dentistry , Resident R4, Jeddah, Saudi Arabia, “Dental Public Health “ (10 hours). 2020
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Oral Epidemiology in Saudi Arabia “ (10 hours). 2020
- Saudi Board of Pediatric Dentistry , Resident R2, Jeddah, Saudi Arabia, “Research design and scientific writing “ (10 hours). 2020
- Saudi Board of Pediatric Dentistry , Resident R3 and R4, Jeddah, Saudi Arabia, “CBCT in Pediatric Dentistry “ (4 hours). 2020
- Saudi Board of Pediatric Dentistry , Resident R4, Jeddah, Saudi Arabia, “Dental Public Health “ (10 hours). 2019
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Oral Epidemiology in Saudi Arabia “ (10 hours). 2019
- Saudi Board of Pediatric Dentistry , Resident R2, Jeddah, Saudi Arabia, “Research design and scientific writing “ (10 hours). 2019
- Saudi Board of Orthodontic, Resident R1, Jeddah, Saudi Arabia, “Research Methodology and Scientific Writing Integrated Course “ (40 hours). 2019
- Saudi Board of Pediatric Dentistry , Resident R3 and R4, Jeddah, Saudi Arabia, “CBCT in Pediatric Dentistry “ (4 hours). 2019
- Saudi Board of Orthodontic, Resident R1, Jeddah, Saudi Arabia, “Research Methodology and Scientific Writing Integrated Course “ (24 hours). 2018

- Saudi Board of Orthodontic, Resident R1, Riyadh, Saudi Arabia, “Research Methodology and Scientific Writing Integrated Course “ (24 hours) 2018
- Saudi Board of Pediatric Dentistry , Resident R4, Jeddah, Saudi Arabia, “Dental Public Health “ (10 hours). 2018
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Oral Epidemiology in Saudi Arabia “ (10 hours). 2018
- Saudi Board of Restorative Dentistry , Resident R4, Jeddah, Saudi Arabia, “Evaluation of Radiographic Images in Implant Dentistry and Factors Affecting Gingival Esthetics “ (8 hours). 2018
- Saudi Board of Pediatric Dentistry , Resident R4, Jeddah, Saudi Arabia, “Dental Public Health “ (10 hours). 2017
- Saudi Board of Pediatric Dentistry , Resident R3, Jeddah, Saudi Arabia, “Oral Epidemiology in Saudi Arabia “ (10 hours). 2017
- Saudi Board of Pediatric Dentistry , Resident R4, Riyadh, Saudi Arabia, “Dental Public Health “ (10 hours). 2017
- Saudi Board of Pediatric Dentistry , Resident R3, Riyadh, Saudi Arabia, “Oral Epidemiology in Saudi Arabia “ (10 hours). 2017

Oral (lectures):

- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ digital presentation skills, conferences, and posters” 2024
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ academic writing skills” 2024
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ meeting with experts” 2024
- Medical Research Club, Faculty of Medicine, Al-Quds University's “The relationship between two variables
- Research Fundamentals for Early Researchers and Advanced Students in the Arab World. Academic Network for Development Dialogue (ANDD) “Research Design & Methodology 2024

- King Abdulaziz University Scholarship symposium, Jeddah , Saudi Arabia “introduction to scientific research and research proposal “ 2024
- The 12th annual research day , Faculty of Dental Medicine , Umm Al-Qura University , Makkah, Saudi Arabia “how to get benefits out of the scientific research day “ 2024
- The 2nd student and alumni research day , College of Dentistry, Taibah University , Madinah, Saudi Arabia “Overcome obstacles during research journey “ 2024
- Annual Research Day, King Abdullah International Medical Research Center, Jeddah, Saudi Arabia “disease surveillance in Saudi Arabia” 2024
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ digital presentation skills, conferences, and posters” 2023
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ academic writing skills” 2023
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ meeting with experts” 2023
- Saudi dental society scientific activity , Jeddah, Saudi Arabia. “ what is new in implant dentistry ? ” 2023
- Jeddah Periodontic and Dental Implant Symposium, Saudi periodontal society, Jeddah, Saudi Arabia, "Dental implant and periodontal disease maintenance protocol : which one should I use ? “ 2023
- Forum of head and supervisors of the academic departments, King Abdulaziz University, Jeddah, Saudi Arabia, “ new ways to deal with scientific citations ” 2023
- AEEDC dental congress, Dubai, UAE. “How to create a database for research in your clinic ? ”. 2023
- International Association of Dental Students, Dental research community 1st edition, online “Authorship & Team Contribution (Plagiarism and Ethics)” 2023
- Prince Abdulrahman advanced dental institute, Riyadh, Saudi Arabia “ how to design your research ? “ 2023
- The 6th IADR Africa and Middle east region symposium in conjunction with the 3rd IADR Saudi division meeting, Riyadh, Saudi Arabia “lets move to the next step: increase the number of citations to our publications “ 2022

- Al Madinah periodontics and implant symposium , Al-Madinah, Saudi Arabia “ 2022
Management of excessive gingival display”
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ digital presentation skills, conferences, and posters” Fall 2022
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ academic writing skills” Fall 2022
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ meeting with experts” Fall 2022
- International dental expo and clinical congress, Cairo , Egypt. “ Soft tissue esthetics “ 2022
- Saudi dental society scientific activity , Jeddah, Saudi Arabia. “ The journey of digital implants: from diagnosis to final restoration” 2022
- ITI Middle East section, Riyadh onsite study club, Riyadh, Saudi Arabia. “ A new prospective on factors influencing the quality of dental implants” 2022
- Umm Al-Qura University Dental Conference, Makkah, Saudi Arabia. “ The short-term effect of different chlorhexidine forms versus povidone iodine mouth rinse in minimizing the oral SARS-CoV-2 viral load: An open label randomized controlled clinical trial study “ 2022
- Health Professions Conference, King Saud bin Abdulaziz University for Health Sciences, Jeddah, Saudi Arabia, “ Why research matter ? “ 2022
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ digital presentation skills, conferences, and posters” Winter 2022
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ academic writing skills” Winter 2022
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, “ meeting with experts” Winter 2022
- 33rd Saudi International Dental Conference (SIDC), Riyadh, Saudi Arabia” How SARS CoV-2 Can Affect Our Periodontium?” 2022
- KAU scholar , King Abdulaziz University, Jeddah, Saudi Arabia. “Developing a research idea”. Winter 2022
- KAU scholar , King Abdulaziz University, Jeddah, Saudi Arabia. “Tips for successful Winter

- publishing experience". 2022
- Research mentorship program, Saudi Commission for Health Specialties, Saudi Arabia 2021
"Simple research descriptive and chi square"
- Research mentorship program, Saudi Commission for Health Specialties, Saudi Arabia 2021
"Sample size calculation"
- BioHorizon Scientific activity, Dammam , Saudi Arabia, "Site Development Strategies before Implant Placement ". 2021
- KAU scholar , King Abdulaziz University, Jeddah, Saudi Arabia. "Developing a research idea". Fall 2021
- KAU scholar , King Abdulaziz University, Jeddah, Saudi Arabia. "Tips for successful publishing experience". Fall 2021
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, " digital presentation skills, conferences, and posters" Fall 2021
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, " academic writing skills" Fall 2021
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, " meeting with experts" Fall 2021
- Saudi National institute of health, Saudi Arabia " Introduction to clinical trials " 2021
- KAU scholar , King Abdulaziz University, Jeddah, Saudi Arabia. "Developing a research idea". Spring 2021
- KAU scholar , King Abdulaziz University, Jeddah, Saudi Arabia. "Tips for successful publishing experience". Spring 2021
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, " digital presentation skills, conferences, and posters" Spring 2021
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, " academic writing skills" Spring 2021
- Postgraduate studies qualifying program, King Abdulaziz University, Jeddah, Saudi Arabia, " meeting with experts" Spring 2021
- Dental implant conference , BioHorizon, Riyadh, Saudi Arabia. "What you need to know about implant surface ?" 2021
- Bahrain international dental conference and exhibition, Bahrain . "How to build a 2021

database for research in your clinic ?”

- Virus 1 oral session, The 99th General Session of the IADR, the 50th Meeting of the AADR and the 45th Meeting of the CADR, Washington DC, USA. “Can periodontal pocket and caries act as a reservoir for Corona virus ?” 2021
- The 1st IADR Saudi Arabian Division Dental Research Symposium, Saudi Arabia. “Lets think beyond simple statistical analysis”. 2020
- BioHorizon Symposium, Jeddah, Saudi Arabia, “Dental implant design and implications for treatment outcomes” 2020
- Health professional conference, King Saudi bin Abdulaziz University for Health Science, Jeddah , Saudi Arabia. "Journal Publication: between Acceptance and Rejection". 2020
- Jeddah Periodontic and Dental Implant Symposium, Saudi periodontal society, Jeddah, Park Hayat, Saudi Arabia, " bone augmentation before implants: step by step 2019
- BioHorizon Symposium, Jeddah Hilton, Saudi Arabia, “Site Development Strategies Before Implant Placement” 2019
- 1st oral health promotion , King Fahd Military Hospital, Jeddah, Saudi Arabia, “What do our dental students know about e-cig?” 2019
- Ohod Holistic Oral symposium, Ohud Holistic Hospital, Madinah, Saudi Arabia, “Site Development Strategies Before Implant Placement” 2019
- Research Ethics and methodology day, King Abdulallah Medical Complex, Jeddah , Saudi Arabia. “The Effects of Chronic Diseases, Medications, Tooth Loss, and Smoking on the Periodontal Health of Elderly “. 2019
- Health professional conference, King Saudi bin Abdulaziz University for Health Science, Jeddah , Saudi Arabia. “ Research etiquette “. 2019
- AEEDC dental congress, Dubai, UAE. “Site development strategies before implant placement”. 2019
- Research Summer School, King Saudi bin Abdulaziz University for Health Science, Jeddah , Saudi Arabia. “ How to write your manuscript “. 2018
- Research Summer School, King Saudi bin Abdulaziz University for Health Science, Jeddah , Saudi Arabia. “ How to write your abstract “. 2018

- The Yankee dental congress, Boston. “ Esthetic consideration in implant dentistry: an update review”. 2018
- VOLPE Prize Competition, The Ohio State University, USA” The effect of chronic diseases, medications and smoking on the periodontal health of the elderly 2015
- The third scientific forum for people working in the field of safety in the universities. Jeddah, Saudi Arabia. “An innovative HIV training program for dental students”. 2015
- The 5th Boston Postdoctoral Periodontal Research meeting at Harvard University, Boston, USA. “ The effect of chronic diseases, medications and smoking on the periodontal health of the elderly”. 2014
- The Yankee dental congress, Boston. “ Periodontal disease and smoking”. 2014
- The 25th international dental conference of Saudi dental society, Saudi Arabia. “The effect of chronic diseases, and medications on the periodontal health of the elderly”. 2014
- The 19th Northeast Postdoctoral Implant Symposium, Boston. “Different Laser Treatment Modalities for Peri-Implantitis: A Systematic Review”. 2013
- The World Tuberculosis day , Jeddah, Saudi Arabia. “ Tuberculosis in abnormal site : oral tuberculosis”. 2007
- The 18th Saudi international dental congress. Riyadh, Saudi Arabia. “Characterization of endodontic practice methodology in the city of Jeddah”. 2007
- The 2nd Taif annual dental meeting , Taif, Saudi Arabia. “ Manner of endodontic practice in Saudi Arabia”. 2006

Posters:

- UAE International Dental Conference & Arab Dental Exhibition (AEEDC Dubai), UAE.” Association of SARS-CoV-2 with dental problems: A clinical study “ 2021
- 32nd Saudi International Dental Conference, Riyadh, Saudi Arabia “Association of SARS-Cov 2 with periodontal disease and caries lesion: A clinical study “ 2021
- International Congress of Oral Implantology ASEAN Congress, Colombo, Sri Lanka." Soft Tissue changes after using Collagen Matrix Seal or Collagen Sponge with Allograft in Ridge Preservation:A Randomized Controlled Volumetric Study". 2020
- International Congress of Oral Implantology Winter meeting , Phoenix, USA." Peri-Implantitis and Peri-Implant Mucositis Case Definitions in Dental Research: A 2019

Systematic Assessment."

- Annual meeting, Academy of Osseointegration, Los Angeles, USA. " Technical 2018
Complication and Prosthesis Survival Rates With Implant-supported Fixed Complete
Dental Prostheses: A 1- to 12-year Retrospective Study".
- Annual meeting, Academy of Osseointegration, Los Angeles, USA. " Biologic 2018
Complication and Implant Survival Rates With Implant-supported Fixed Complete
Denture Prostheses: A 1- to 12-Year Retrospective Study".
- Bates-Andrews Research Day, Tufts University, Boston, USA. "Effect of 2016
Mucograft®Seal on Post-extraction Ridge Preservation Using Bone Allograft: A
Randomized Controlled Clinical Trial and Radiographic Evaluation " .
- The 7th Boston Postdoctoral Periodontal Research meeting at Boston University, 2016
Boston, USA "Effect of Mucograft®Seal on Post-extraction Ridge Preservation Using
Bone Allograft: A Randomized Controlled Clinical Trial and Radiographic Evaluation "
- New England Science symposium, Harvard University, Boston, USA "Effect of 2016
Mucograft®Seal on post-extraction Ridge Preservation Using Bone Allograft: A
Randomized Controlled Clinical Trial and Radiographic Evaluation " .
- The Yankee dental congress, Boston, USA "Effect of Mucograft®Seal on Post- 2016
extraction Ridge Preservation Using Bone Allograft: A Randomized Controlled Clinical
Trial and Radiographic Evaluation " .
- Earle P. Charlton Lecture and Poster Competition, Boston, USA "Usage of Bone 2015
Replacement Grafts in Periodontics and Oral Implantology and Their Current Levels
of Clinical Evidence - A Systematic Assessment "
- The 93th General Session & Exhibition of the IADR, Boston , USA." Comparison of the 2015
Efficacy of Different Types of Lasers for the Treatment of Peri-Implantitis: A
Systematic Review " .
- ADEA Annual Session & Exhibition. Boston, USA." Assessment of Quality of Life of 2015
Post-doctoral Residents".
- The Yankee dental congress, Boston, USA " Is periodontal health in the elderly more 2015
sensitive to the effects of chronic diseases, medications, and smoking? " .
- 2014-15 Earle P. Charlton Lecture and Poster Competition, Boston, USA " Is 2014
periodontal health in the elderly more sensitive to the effects of chronic diseases,

medications, and smoking? ”.

- National Oral Health Conference, Dallas, USA. “ Is periodontal health in the elderly more sensitive to the effects of chronic diseases, medications, and smoking? ” 2014
- The 4th Boston Postdoctoral Periodontal Research meeting at Tufts University, Boston, USA “Is there a relationship between periodontal disease and causes of death? A cross sectional study” 2013
- The 4th Boston Postdoctoral Periodontal Research meeting at Tufts University, Boston, USA. “Factors contributing to tooth loss among the elderly: a cross-sectional study” 2013
- The 23rd Annual Conference of the International Society for Environmental Epidemiology (ISEE). Barcelona, Spain. “Long term concentrations of ambient air pollutants and risk of death among subjects with chronic obstructive pulmonary disease (COPD)”. 2011
- The Third North American Congress of Epidemiology, Montreal, Canada.” Racial and gender differences in the prevalence of dementia among patient admitted to hospital”. 2011
- The 43rd Annual Meeting society for Epidemiologic Research, Seattle. USA ” Betel Quid use and Traditional Medicine in relation to Infectious disease outcomes in Cambodia” . 2010
- The 43rd Annual Meeting society for Epidemiologic Research, Seattle. USA ”Cotinine Levels among Betel Quid Users and Cigarette Smokers in Cambodia : A comparative study” 2010
- The 87th General Session & Exhibition of the IADR, Barcelona , Spain.” Cotinine Levels among Betel Quid Users and Cigarette Smokers“. 2010
- The American Health Care Congress. Ontario, California, USA. “ Interrelationship between Periodontal bone loss and systemic diseases”. 2009
- The 86th General Session & Exhibition of the IADR/ 32nd Annual Meeting of the CADR, Toronto, Canada.” Periodontal and Systemic diseases: Prevalence and Interrelationship “. 2008

Selected attended workshops/diploma/conference:

- Qualitative Research Course, CorTeach , Lahore, Pakistan 2024
- Artificial Intelligence in Research, CorTeach , Lahore, Pakistan 2023
- MIT Sloan Artificial Intelligence in Health Care, Massachusetts Institute of Technology, Boston, USA 2023
- FDI World Dental Parliament, Geneva, Switzerland 2022
- Nobel biocare summit, Envista, Vienna, Austria 2022
- Item Author Certification Program, Saudi Commission for Health Specialties, Saudi Arabia 2020
- Diploma of Professional Development in Teaching and Learning, Center for Teaching & Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia 2020
- Research Design and Methodology, Osteology Research Academy, Boston, USA 2017
- Evidence based of dental practice, American Dental Association (ADA), Chicago, IL, USA 2015

Patent:

- **Natto ZS**, Alshehri MM. “ All in six ”. 2023. Saudi patent 1292. (Status: accepted) 2023
- **Natto ZS**, Alaqil FE, Alshehri MM. “ Magnifying dental mirror with LED light ”. 2023. Saudi patent 1284. (Status: awarded) 2023
- Zahid TM, Alkhateeb AF, Nadershah M, Khan EA, **Natto ZS**, Altas SG. "apparatus with saw-toothed blade for cutting tissue" 2022 U. S. Patent 2022/0039820 B1. (Status: Awarded) 2022
- Zahid TM, Alkhateeb AF, Nadershah M, Khan EA, **Natto ZS**, Altas SG. "apparatus for preparing soft tissue graft " 2021 U. S. Patent 11,154,321 B1. (Status: awarded) 2021
- Zahid TM, Alkhateeb AF, Nadershah M, Khan EA, **Natto ZS**, Altas SG. "Tissue graft splitter" U. S. Patent 11,109,888 B1. (Status: awarded) 2021
- Registered a rare case of oral tuberculosis in ministry of health as a first person in Saudi Arabia during his 5th year dental student. 2004

Supervision of research projects for Doctorate (Ph.D), Master (MS), or Bachelor (BDS)

- 2023 :

Raneem Ageel, Master of Science candidate in biostatistics and epidemiology (MS candidate) . King Abdulaziz University School of Medicine, Effect of hormonal replacement therapy on oral periodontal health in postmenopausal women in Jeddah, Saudi Arabia.

■ Role: Co-supervisor

- 2023 :

Reem Bashammakh, Master of Science candidate in biostatistics and epidemiology (MS candidate) . King Abdulaziz University School of Medicine, Dental myths belief and oral health status among patients attending King Abdulaziz University Dental Hospital (KAUDH) in Jeddah, Saudi Arabia: A Cross Sectional Study.

■ Role: External examiner

- 2023 :

Sara Alhabli, Master of Science candidate in pediatric dentistry (MS candidate) . King Abdulaziz University School of Dentistry, pediatric emergency dental visits at King Abdulaziz university dental hospital during COVID-19 lockdown : A retrospective study

■ Role: External examiner

- 2023 :

Abrar Banaan, Master of Science candidate in biostatistics and epidemiology (MS candidate) . King Abdulaziz University School of Medicine, reducing aerosol and bioaerosol using different oral suction in dental clinic, randomized clinical trial

■ Role: Main supervisor

Note: This research received the 2nd place in the annual general student research forum awards, 2023

- 2022 :

Samaa Redwan, Master of Science candidate in pediatric dentistry (MS candidate) . King Abdulaziz University School of Dentistry, "Prevalence of Sever Early Childhood Caries among Pre-school Children in Jeddah and its Relation to Quality of Life"

Role: External examiner

- 2022 :

Layan Fakhry and Renad Tallab, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, Evaluation of the knowledge, attitude and practice regarding fluoridated toothpaste, brushing and rinse usage in western region of Saudi Arabia.

■ Role: Co-supervisor

- 2022 :

Mohamed Niaz and Rayan Bin Mahfuth, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, assessment of sport drinks knowledge and oral health status of athletes.

■ Role: Main supervisor

- 2022 :

Mohammed Alsadat and Renad Alzahrani, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, Factors affecting based composite restoration failure on patients in KAUFU, Jeddah , Saudi Arabia: A retrospective cohort.

■ Role: Co-supervisor

Note: This research received the 1st place in the annual KAUFU interns research forum awards, 2022

- 2022 :

Ahmed Ghannam and Fatimah Samman, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, Effect of silver diamine fluoride and potassium iodide as indirect pulp capping on caries arrest and reparative dentine : A randomized clinical trial

■ Role: Main supervisor

Note: This research received the 3rd place in the annual KAUFU interns research forum awards, 2022

- 2022 :

Omar Alzahrani, Master of Science candidate in endodontics (MS candidate) . King Abdulaziz University School of Dentistry, Impact of RPM and File Type on the Number of Simulated Canals Prepared until File Fracture: A Novel Method for Testing

■ Role: External examiner

Note: This research received the 1st place in best poster award during the 33rd Saudi International Dental Conference (SIDC), 2022.

- 2021 :

Marwah Afeef, Research fellow . King Abdulaziz University School of Dentistry, The short-term effect of different chlorhexidine forms versus povidone iodine mouth rinse in minimizing the oral SARS-CoV-2 viral load: An open label randomized controlled.

■ Role: Supervisor

- Note: This research received the 2nd place in the best poster award during the 2nd Saudi International Periodontics Conference, 2021

- 2021 :

Duha Qatan, Master of Science candidate in pediatric dentistry (MS candidate) . King Abdulaziz University School of Dentistry, Mothers' knowledge and attitude in relation to their children oral health, Jeddah, Saudi Arabia: A cross sectional study

- Role: External examiner

- 2021 :

Shahad Al-amoudi, Master of Science candidate in pediatric dentistry (MS candidate) . King Abdulaziz University School of Dentistry, assessment of oral health status and salivary characteristics in a group of pediatric oncology patients undergoing chemotherapy

- Role: External examiner

- 2020 - 2021:

Lina Alsharif and Noor Alrefai, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, Outcomes of endodontically treated teeth with iatrogenic errors among undergrad dental students at KAUFD: A retrospective cohort study.

- Role: Main supervisor

Note: This research received the 1st place in the annual KAUFD interns research forum awards, 2021

- 2020 - 2021:

Mohammed Alshehri and Faisal Alghamdi, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, How COVID-19 changed infection control practice in dental clinics in Jeddah.

- Role: Main supervisor

Note: This research received the 3rd place in the annual KAUFD interns research forum awards, 2021

- 2020 - present:

Raneem Ageel, Master of Science candidate in biostatistics and epidemiology (MS candidate) . King Abdulaziz University School of Medicine, The effect of hormone replacement therapy in oral periodontal health in post menopausal women in Jeddah, Saudi Arabia

- Role: Main supervisor

- 2020 :
Abdullah Al-Qahtani, Master of Science candidate in biostatistics and epidemiology (MS candidate) . King Abdulaziz University School of Medicine, Prevalence of dentine hypersensitivity, and its associated factors : A hospital –based cross sectional study , Khams Musiht, Saudi Arabia
 - Role: External examiner
- 2019 - 2020:
Mohammed Khayat and Ammar Al-Ammari, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, comparison and reproducibility of several index concerning the ethics evaluation of single implant supported crown.
 - Role: Main supervisor

Note: This research received the 1st place in the annual KAUFD interns research forum awards, 2020
- 2019 - 2020:
Renad Bukhari and Sarah Alshahrani, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, Prevalence of E- cigarettes smokers among professionals in King Abdulaziz University
 - Role: Co-supervisor

Note: This research received the 3rd place in the annual KAUFD interns research forum awards, 2020
- 2018 - 2019:
Anas Olwi and Faisal Abduljawad, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, a comparison of the diagnostic accuracy of horizontal and vertical bitewing images in detecting approximal caries and interdental bone loss in posterior teeth.
 - Role: Main supervisor
- 2018 - 2019:
Abdullah Alalawi and Hamad Aljuaid, Intern research project (BDS candidate) . King Abdulaziz University School of Dentistry, The Effect Of Social Media On The Choice Of Dental Patients: A Cross-Sectional Study In The City Of Jeddah, Saudi Arabia.
 - Role: Main supervisor
- 2017- 2019 :

Mohammad Al-Gharni, Master of Science candidate in biostatistics and epidemiology (MS candidate) .
King Abdulaziz University School of Medicine, Association between serum vitamin D level and Benign paroxysmal positional vertigo: Case control study

■ Role: Co-supervisor

- 2015- 2018 :

Mohammed Helmi , Doctorate of Medical science in Dental Public Health candidate (DMSc candidate) , Harvard School of Dental Medicine, Prevalence of periodontal bone loss and associated risk factors in a patients' population at Harvard School of Dental Medicine: a longitudinal data analysis.

■ Role: Main supervisor

Supervision of faculty at diploma of professional development in teaching and learning and diploma of KAU scholar

- 2022-2023 :

- Dr. Layla Abu algadaeil, assistant professor of dental public health. King Abdulaziz University Faculty of dentistry, the 13th h diploma of Professional Development in Teaching and Learning, Center for Teaching & Learning Development, King Abdulaziz University.

■ Role: Mentor

- 2022-2023 :

Dr. Saeed Alzahrani, assistant professor of prosthodontics. King Abdulaziz University Faculty of dentistry, the 13th h diploma of Professional Development in Teaching and Learning, Center for Teaching & Learning Development, King Abdulaziz University.

■ Role: Mentor

- 2020-2021 :

Dr. Obadah Austah, assistant professor of endodontics. King Abdulaziz University School of Dentistry, KAU scholars program. Project: Comparative assessment of the microbiome of healthy dental pulp and the surrounding gingival sulcus.

■ Role: Mentor

- 2020-2021 :

Dr. Esraa Attar, assistant professor of prosthodontics. King Abdulaziz University School of Dentistry, KAU scholars program. Project: Effect of aging, storage conditions, post processing procedures, printer type and printing orientation on the dimensional stability, marginal discrepancy and surface roughness of 3D-printed models .

■ Role: Mentor

- 2020-2021 :

Dr. Arwa Badahdah, assistant professor of periodontology. King Abdulaziz University School of Dentistry, KAU scholars program. Project: Alveolar ridge preservation using autogenous tooth graft in comparison with allograft: volumetric, radiographic, and histomorphometric analysis.

■ Role: Mentor

- 2020-2021 :

Dr. Nawaf Almarzouki, assistant professor of ophthalmology. King Abdulaziz University School of Medicine, the 11th diploma of Professional Development in Teaching and Learning, Center for Teaching & Learning Development, King Abdulaziz University.

■ Role: Mentor

Publications:

Book chapter

1. **Zuhair Natto**. Herbs and oral health in Oral Health Care - An Important Issue of the Modern Society ISBN:978-1-80355-123-4
2. Contributed to the development of a Power Point presentation for the Chapter 19: Desquamative Gingivitis in Newman MG, Takei HH, Klokkevold PR, Carranza FA: Carranza's Clinical Periodontology, ed 12, Saunders, St. Louis, 2015.
3. Contributed to the development of a Power Point presentation for the Chapter 37: Periodontal Treatment of Medically Compromised Patients in Newman MG, Takei HH, Klokkevold PR, Carranza FA: Carranza's Clinical Periodontology, ed 12, Saunders, St. Louis, 2015.
4. Contributed to the development of a Power Point presentation for the Chapter 5: Chapter 6: Genetic Susceptibility to Periodontal Disease in Newman MG, Takei HH, Klokkevold PR, Carranza FA: Carranza's Clinical Periodontology, ed 12, Saunders, St. Louis, 2015.
5. **Zuhair S. Natto**, Shatha Alharthi, Tannaz Shapurian, Paul A. Levi Jr. Systemic Antibiotics in Karimbux N & Weber HP: Clinical Cases in Implantology (In press)
6. Mohammed Alasqah and **Zuhair S. Natto**. The use of resorbable membrane (DynaMatrix)[®] in implant site preparation in Karimbux N & Weber HP: Clinical Cases in Implantology (In press)
7. Yumi Ogata, **Zuhair S. Natto**, Minh Bui, Yong Hur. Surgical Management of Peri-implantitis in implant site preparation in Karimbux N & Weber HP: Clinical Cases in Implantology (In press)

Cover image

1. The cover image, by Zuhair S. Natto et al ., is based on the Randomized Clinical Trial Efficacy of collagen matrix seal and collagen sponge on ridge preservation in combination with bone allograft: A randomized controlled clinical trial , DOI: 10.1111/jcpe.12722.

Full manuscript :

1. GBD 2021 Forecasting Collaborators. Burden of disease scenarios for 204 countries and territories, 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2204-2256.
2. GBD 2021 Risk Factors Collaborators. Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2162-2203.
3. Malakan Rad E, Momtazmanesh S, Saeedi Moghaddam S, Rezaei N, Rezaei N, Jamshidi H, Naghavi M, Larijani B, Farzadfar F; GBD 2019 NAME Endocarditis Collaborators. Infective Endocarditis in North Africa and the Middle East, 1990–2019: Updates from the Global Burden of Disease Study 2019. *Arch Iran Med*. 2024 May 1;27(5):229-238.
4. GBD 2021 Diseases and Injuries Collaborators. Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2133-2161. doi: 10.1016/S0140-6736(24)00757-8.
5. GBD 2019 North Africa and the Middle East Neurology Collaborators. The burden of neurological conditions in north Africa and the Middle East, 1990-2019: a systematic analysis of the Global Burden of Disease Study 2019. *Lancet Glob Health*. 2024 Jun;12(6):e960-e982.
6. GBD 2021 Causes of Death Collaborators. Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2100-2132.
7. Vision Loss Expert Group of the Global Burden of Disease Study; GBD 2019 Blindness and Vision Impairment Collaborators. Global estimates on the number of people blind or visually impaired by glaucoma: A meta-analysis from 2000 to 2020. *Eye (Lond)*. 2024 Apr 2.
8. Yaghmoor W, Ruiz-Torruella M, Ogata Y, Natto ZS, Finkelman M, Kawai T, Hur Y. Effect of preoperative chlorhexidine, essential oil, and cetylpyridinium chloride mouthwashes on bacterial contamination

- during dental implant surgery: A randomized controlled clinical trial. *Saudi Dent J.* 2024 Mar;36(3):492-497.
9. GBD 2021 Fertility and Forecasting Collaborators. Global fertility in 204 countries and territories, 1950-2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet.* 2024 May 18;403(10440):2057-2099.
 10. GBD 2021 Tuberculosis Collaborators. Global, regional, and national age-specific progress towards the 2020 milestones of the WHO End TB Strategy: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet Infect Dis.* 2024 Mar 19:S1473-3099(24)00007-0.
 11. GBD 2021 Nervous System Disorders Collaborators. Global, regional, and national burden of disorders affecting the nervous system, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet Neurol.* 2024 Apr;23(4):344-381.
 12. GBD 2021 Demographics Collaborators. Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950-2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet.* 2024 May 18;403(10440):1989-2056.
 13. Pesudovs K, Lansingh VC, Kempen JH, Tappay I, Fernandes AG, Cicinelli MV, Arrigo A, Leveziel N, Briant PS, Vos T, Resnikoff S, Taylor HR, Sedighi T, Flaxman S, Steinmetz J, Bourne R; Vision Loss Expert Group of the Global Burden of Disease Study; GBD 2019 Blindness and Vision Impairment Collaborators. Global estimates on the number of people blind or visually impaired by cataract: a meta-analysis from 2000 to 2020. *Eye (Lond).* 2024 Mar 9. doi: 10.1038/s41433-024-02961-1.
 14. Renedo D, Acosta JN, Leasure AC, Sharma R, Krumholz HM, de Havenon A, Alahdab F, Aravkin AY, Aryan Z, Bärnighausen TW, Basu S, Burkart K, Coberly K, Criqui MH, Dai X, Desai R, Dharmaratne SD, Doshi R, Elgendy IY, Feigin VL, Filip I, Gad MM, Ghozy S, Hafezi-Nejad N, Kalani R, Karaye IM, Kisa A, Krishnamoorthy V, Lo W, Mestrovic T, Miller TR, Misganaw A, Mokdad AH, Murray CJL, Natto ZS, Radfar A, Ram P, Roth GA, Seylani A, Shah NS, Sharma P, Sheikh A, Singh JA, Song S, Sotoudeh H, Vervoort D, Wang C, Xiao H, Xu S, Zand R, Falcone GJ, Sheth KN. Burden of Ischemic and Hemorrhagic Stroke Across the US From 1990 to 2019. *JAMA Neurol.* 2024 Mar 4;81(4):394-404. doi: 10.1001/jamaneurol.2024.0190. Online ahead of print. PMID: 38436973
 15. Bannan A, Kamal I, Al Makishah NH, Natto ZS. Reducing microbial airborne contamination and particulate matter using different oral suction in dental clinic: A randomized controlled clinical trial. *Saudi Dent J.* 2024 Feb;36(2):374-380.

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22. GBD Spinal Cord Injuries Collaborators. Global, regional, and national burden of spinal cord injury, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Neurol*. 2023 Nov;22(11):1026-1047. doi: 10.1016/S1474-4422(23)00287-9.
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27. Antimicrobial Resistance Collaborators. The burden of antimicrobial resistance in the Americas in 2019: a cross-country systematic analysis. *Lancet Reg Health Am*. 2023 Aug 8;25:100561.
28. Zahid TM, **Natto ZS**. Validity and Reliability of Polarized vs Non-Polarized Digital Images for Measuring Gingival Melanin Pigmentation. *Clin Cosmet Investig Dent*. 2023 Sep 12;15:189-197.
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- Pharyngeal Cancer in 204 Countries and Territories: A Systematic Analysis for the Global Burden of Disease Study 2019. *JAMA Oncol.* 2023 Sep 7. doi: 10.1001/jamaoncol.2023.2960.
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Abstract :

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