

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

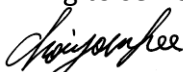
Written presentation from the Nominee in English (Maximum 350 words for Standing Committees)

Included

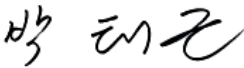
Curriculum Vitae (CV) / personal record in English in a Word format

Included

NOMINEE'S INFORMATION

Title: Professor
Name: Youn-Hee Choi
Address: Department of Preventive Dentistry, School of Dentistry, Kyungpook National University, 2177 Dalgubul-daero, Jung-Gu, Daegu, Republic of Korea, 41940
Member Association: Korean Dental Association
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 Korean Dental Association	
Name of Official representing this Association/Organisation (President/NLO/President-elect). The Nominee may not nominate himself/herself. Dr. Taekeun Park	
Position of Official President	
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

Motivation for application

Youn-Hee Choi, DDS, MPH, PhD

Professor and Department Chair

Department of Preventive Dentistry, Kyungpook National University School of Dentistry
Republic of Korea

The mission of the Department of Preventive Dentistry, where I have been working for 20 years, is to protect everyone's oral health based on humanity. This closely aligns with the mission of FDI World Dental Federation (FDI). My professional journey has served as a researcher specializing in oral epidemiology, public oral health policies, and oral health promotion programs. I have also taken on responsibility within the dental school as an educator and administrator, a project-oriented clinical dentist, and a professional advisor to the government and community organizations.

My contribution has been extended to the establishment of national oral health surveys system in Korea, the yield and monitoring of major oral health indicators, and the assessment system for the continuous operation, and evaluation of oral health projects of local governments in the community as well. This commitment arises from the importance of producing valid and reliable oral health data along with the evidence-based dentistry. This is also because strategies are needed to identify underprivileged communities in oral health and to increase comprehensive access to primary dental care. In recent times, I have endeavored to collaborate with several Asian researchers, including those from Japan, to engage in research and prevention efforts addressing oral diseases jointly.

On the basis of my achievements and experiences in Korea, I would like to contribute to promoting oral health and preventing global oral diseases of those suffering from oral pain and diseases. I am heartbroken that billions of people are still suffering from oral diseases even as the world enters the fourth revolution era.

As a dental professional, I firmly believe that dentists should make efforts to ensure that people around the world receive primary and comprehensive dental care in line with FDI's mission, vision, and core values. Dental care is still one of the most serious challenges in pursuing an optimal healthy life, not only in developing countries but also in developed countries. Consequently, I am confident that having the opportunity to serve on the FDI Public Health Committee is the way to realize my sincere aspiration.

May 29, 2024

Dear Fellow Members of FDI World Dental Federation,

The Korean Dental Association (KDA) highly recommends Prof. Youn-Hee Choi for the Public Health Committee.

Her expertise and experience will become a tremendous asset to FDI World Dental Federation and dentistry. I can confidently attest to her exceptional qualification and dedication to global oral health. I urge your full support for Prof. Youn-Hee Choi.

Sincerely,

A handwritten signature in black ink, written in Korean characters, is positioned below the word 'Sincerely,'. The signature is fluid and cursive, appearing to read '박태근' (Park Tae-geun).

Taekeun Park

President

Korean Dental Association



Youn-Hee Choi D.D.S., MPH, Ph.D.
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Kyungpook National University School of Dentistry
Republic of Korea*

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E-mail: cyh1001@knu.ac.kr

EDUCATION

August 2006 – August 2011	PhD, Epidemiology, Arnold School of Public Health, University of South Carolina, USA
September 1998 – August 2001	PhD, Public Health, Yonsei University, South Korea
March 1995 – February 1998	Master of Public Health, Graduate School of Public Health, Yonsei University, South Korea
March 1992 – February 1992	DDS, Yonsei University College of Dentistry, South Korea
March 1986 – February 1988	Pre-dental course, Department of Dentistry, College of Science, Yonsei University, South Korea

WORK POSITION AND EXPERIENCES

April 2015 – Present	<i>Professor & Department Chair</i> Department of Preventive Dentistry, Kyungpook National University School of Dentistry, South Korea
February 2017 – Present	<i>Specially Appointed Professor</i> Department of Preventive Dentistry, School of Dentistry, Osaka University, Japan
January 2019 – Present	<i>Director in Applied Basic Science</i> Institute for Translational Research in Dentistry, Kyungpook National University, South Korea
September 2021 – July 2023	<i>Head of admission</i> Kyungpook National University, South Korea

August 2014 – July 2015	<i>Associate Vice President of Student Affairs</i> Kyungpook National University, South Korea
September 2013 – July 2015	<i>Department Chair</i> Department of Dental Hygiene, Kyungpook National University, South Korea
September 2012 – August 2013	<i>Associate Vice President of Student Affairs</i> Kyungpook National University, South Korea
September 2006 – June 2008	<i>Research and Teaching Assistant</i> Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina, USA
March 2003 – July 2015	<i>Associate Professor, Assistant Professor, Full-time Instructor</i> Department of Preventive Dentistry, Kyungpook National University School of Dentistry, South Korea
March 2002 – February 2003	<i>Research Fellow</i> Graduate School of Public Health, Yonsei University, South Korea
March 2000 – February 2002	<i>Research and Teaching Assistant</i> Department of Preventive Dentistry, Yonsei University College of Dentistry, South Korea
March 2000 – February 2002	<i>Researcher</i> Institute of Health Promotion, Graduate School of Public Health, Yonsei University, South Korea
March 1994 – February 2000	<i>Dental Care Officer</i> Department of Dentistry, Gwacheon City Health Center, Gwacheon City Hall, South Korea
March 1992 – March 1993	<i>Vice-Chief</i> Department of Dentistry, Bupyung-serim Hospital, South Korea

TEACHING COURSES

- Public Health Dentistry and Laboratory
- Research Methodology in Dental Science
- Epidemiology for Periodontal diseases
- Research Methods for Dental Caries
- Understanding of Dental public health
- Research Design and Methodology
- Dental Terminology
- Periodontics (Dental Specialty)
- Introduction to Dental Hygiene Science II (Periodontal Disease)
- Biostatistics for Oral Health
- Basic Statistics in Dentistry

- Contemporary Geriatrics in Dentistry
- Contemporary Handicap and Dental Treatment
- Advanced Statistics in Dentistry
- Advanced Preventive Dentistry
- Utilizing Meta-analysis in Oral Epidemiology
- Dental Hygiene Community Service I
- History of Dental Science

RESEARCH INTERESTS

- PRIMARY* Epidemiology for the association between dental diseases and general health
- SECONDARY* Intervention studies, Geriatrics, Health promotion & quality of life,
 Health disparity, Mother & child health, Oral environmental health,
 Oral health policy

PROFESSIONAL ACTIVITIES

- | | |
|-------------------------------|---|
| April 2022 – Present | <i>Vice President</i>
Korean Academy of Preventive Dentistry and Oral Health |
| April 2019 – Present | <i>Director of Epidemiological Research Committee</i>
Korean Academy of Preventive Dentistry and Oral Health |
| July 2012 – Present | <i>Director</i>
Korean Society of Epidemiology |
| July 2021 – Present | <i>Professional Advisory Member</i>
Health Insurance Expert Evaluation Committee,
Ministry of Health and Welfare of South Korea |
| January 2020 – Present | <i>Professional Advisory Member</i>
Integrated Health Promotion Supporting Committee
North Gyeongsang Provincial Government |
| March 2022 – Present | <i>Editorial Board Member</i>
Journal of Korean Academy of Oral Health |
| March 2020 – January 2022 | <i>Professional Advisory Member</i>
Community Health Surveys Committee (for the subdivision
standardization of indicators) of Korea Disease Control and
Prevention Agency |
| February 2019 – December 2021 | <i>Professional Advisory Member</i>
Korea National Health and Nutrition Examination Survey
Committee (for Oral Health Sector) of Korea Disease Control
and Prevention Agency |
| April 2018 – March 2020 | <i>Academic Director</i>
Korean Academy of Preventive Dentistry and Oral Health |
| January 2018 – December 2022 | <i>Professional Advisory Member</i>
Oral Health Screening Standards and Quality Control |

	Committee of Korea Disease Control and Prevention Agency
April 2014 – July 2015	<i>Academic Director</i> Korean Academy of Preventive Dentistry and Oral Health
January 2014 – July 2015	<i>Professional Advisory Member</i> Compromised Health Promotion Foundation of Daegu City
July 2012 – June 2014	<i>Director</i> The Korean Gerontological Society
April 2012 – March 2014	<i>Project Director</i> Korean Academy of Oral Health
May 2010 – March 2020	<i>Member of Oral Epidemiology Committee</i> Korean Academy of Preventive Dentistry and Oral Health
April 2010 – December 2012	<i>Professional Advisory Member</i> Korea National Health and Nutrition Examination Survey Committee (for Oral Health Sector) of Korea Center for Disease Control and Prevention
April 2010 – December 2011	<i>Professional Advisory Member</i> Oral Health Screening Standards and Quality Control Committee of Korea Center for Disease Control and Prevention
April 2010 – March 2012	<i>Academic Director</i> Korean Academy of Oral Health
March 2009 – July 2015	<i>Professional Advisory Member</i> Health Promotion Supporting Committee of North Gyeongsang Province, South Korea
March 2009 – February 2011	<i>Professional Advisory Member</i> Oral Health Promotion Supporting Committee in Korea
March 2008 – March 2010	<i>Planning Director</i> Korean Academy of Dental Health
February 2006 – February 2010	<i>Professional Advisory Member</i> National Evidence-based Healthcare Collaborating Agency of Daegu City in Korea
March 2004 – February 2008	<i>Board Director</i> Korean Academy of Dental Health
July 2003 – June 2005	<i>Board Director</i> Korean Industrial Dental Health Association
March 2003 – June 2005	<i>Professional Advisory Member</i> Committee of North Gyeongsang Province Healthy Life

AWARDS

February 2023	Award of Outstanding Research Professor (JCR 5%) from Kyungpook National University
June 2014	Minister of Health and Welfare Award; serving for public oral health service

November 2011	Minister of Health and Welfare Award; serving for oral health of Korea National Health and Examination Survey
May 2011	Award of Outstanding Student from Arnold School of Public Health of University of South Carolina
April 2008	Travel grant for poster presentation at AADR (American Association of Dental Research) annual meeting from Arnold School of Public Health and Department of Epidemiology
August 2006 – May 2008	Scholarship from Arnold School of Public Health, University of South Carolina
October 2000	Travel grant for International Hypertension Society from Department of Preventive Medicine, Yonsei University College of Medicine
March 2000 – August 2000	Scholarship from Department of Preventive Medicine, Yonsei University College of Medicine as RA

MAJOR PUBLICATIONS

- Go H., Jung HI, Ahn SV, Ahn J, Shin H, Amano A, & **Choi YH** (2024). Trend in the Incidence of Severe Partial Edentulism among Adults Using the Korean National Health Insurance Service Claim Data, 2014–2018. *Yonsei Medical Journal*, 65(4), 234.
- Jung YS, Kim JH, Shin AR, Song KB, Amano A, & **Choi YH**. (2023). Association of Adiposity with Periodontitis and Metabolic Syndrome: From the Third National Health and Nutrition Examination Survey of United States. *International Journal of Environmental Research and Public Health*, 20(3), 2533.
- Go H, Kim EK, Jung HI, Ahn SV, Shin H, Amano A, & **Choi YH**. (2022). Incidence of edentulism among older adults using the Korean National Health Insurance Service database, 2013-2018. *Epidemiology and Health*, 44, e2022091.
- Go H, Park T, Shin AR, Jung YS, Amano A, Song KB, & **Choi YH**. (2022). Validity of a combination of periodontal pathogens and salivary biomarkers as predictors of periodontitis. *Journal of Periodontal Research*, 57(5), 1083-1092.
- Cho, MJ, Shin HE, Amano A, Song, KB, & **Choi YH**. (2022). Effect of Molar Occlusal Balance on Cognitive Function in the Elderly. *international dental journal*, 72(3), 331-337.
- Heo H, Bae JH, Amano A, Park T, & **Choi YH**. (2022). Supplemental or dietary intake of omega-3 fatty acids for the treatment of periodontitis: a meta-analysis. *Journal of Clinical Periodontology*, 49(4), 362-377.
- Jung YS, Park T, Kim EK, Jeong SH, Lee YE, Cho MJ, ... & **Choi YH**. (2022). Influence of chewing ability on elderly adults' cognitive functioning: the mediating effects of the ability to perform daily life activities and nutritional status. *International Journal of Environmental Research and Public Health*, 19(3), 1236.
- Park T, Jung YS, Son K, Bae YC, Song KB, Amano A, & **Choi YH**. (2021). More teeth and posterior balanced occlusion are a key determinant for cognitive function in the elderly. *International journal of environmental research and public health*, 18(4), 1996.
- Yu NH, Shin AR, Ahn SV, Song KB, & **Choi YH**. (2021). Estimation and change of edentulism

among the Korean population: Korea National Health and Nutrition Examination Survey 2007-2018. *Epidemiology and health*, 43.

- Shin HE, Cho MJ, Amano A, Song KB, & **Choi YH**. (2020). Association between mastication-related factors and the prevalence of dementia in Korean elderly women visiting senior centres. *Gerodontology*, 37(2), 177-184.
- **Choi YH**, Kosaka T, Ojima M, Sekine S, Kokubo Y, Watanabe M, ... & Amano A. (2018). Relationship between the burden of major periodontal bacteria and serum lipid profile in a cross-sectional Japanese study. *BMC Oral Health*, 18(1), 1-12.
- Kim YS, Ha M, Kwon HJ, Kim HY, & **Choi YH**. (2017). Association between Low blood lead levels and increased risk of dental caries in children: a cross-sectional study. *BMC oral health*, 17, 1-7.
- **Choi YH**, Jang WH, Im SU, Song KB, Lee HK, Do Lee H, ... & Jang SH. (2017). The brain activation pattern of the medial temporal lobe during chewing gum: a functional MRI study. *Neural Regeneration Research*, 12(5), 812.
- Baek HJ, Kim EK, Lee SG, Jeong SH, Sakong J, Merchant AT, ... & **Choi YH**. (2016). Dental amalgam exposure can elevate urinary mercury concentrations in children. *International Dental Journal*, 66(3), 136-143.
- Lee KS, Lee SG, Kim EK, Jin HJ, Im SU, Lee HK, ... & **Choi YH**. (2015). Metabolic syndrome parameters in adolescents may be determinants for the future periodontal diseases. *Journal of clinical periodontology*, 42(2), 105-112.
- **Choi YH**, McKeown RE, Mayer-Davis EJ, Liese AD, Song KB, & Merchant AT (2014). Serum C-reactive protein and immunoglobulin G antibodies to periodontal pathogens may be effect modifiers of periodontitis and hyperglycemia. *Journal of periodontology*, 85(9), 1172-1181.
- **Choi YH**, & Lee SG. (2011). Does regional socioeconomic context affect the dental caries experience? A multilevel study of Korean adults. *European Journal of Oral Sciences*, 119(4), 294-300.
- Chung SY, Song KB, Lee SG, & **Choi YH**. (2011). The strength of age effect on tooth loss and periodontal condition in Korean elderly. *Archives of Gerontology and Geriatrics*, 53(2), e243-e248.
- **Choi YH**, McKeown RE, Mayer-Davis EJ, Liese AD, Song KB, & Merchant AT. (2011). Association between periodontitis and impaired fasting glucose and diabetes. *Diabetes Care*, 34(2), 381-386.
- Lee HK, Lee KD, Merchant AT, Lee SK., Song KB, Lee SG, & **Choi YH**. (2010). More missing teeth are associated with poorer general health in the rural Korean elderly. *Archives of gerontology and geriatrics*, 50(1), 30-33.
- Lee HK, Choi SH, Won KC, Merchant AT, Song KB, Jeong SH, ... & **Choi YH**. (2009). The effect of intensive oral hygiene care on gingivitis and periodontal destruction in type 2 diabetic patients. *Yonsei Medical Journal*, 50(4), 529-536.
- **Choi YH**, Baek HJ, Song KB, Han JY, Kwon H, & Lee SG. (2009). Prevalence of periodontitis and associated risk factors in Korean adults: Korean National Oral Health Survey 2006. *The Journal of the Korean Academy of Periodontology*, 39(Suppl), 261-268.

- Lee SR, Kwon HK, Song KB, & **Choi YH**. (2004). Dental caries and salivary immunoglobulin A in Down syndrome children. *Journal of paediatrics and child health*, 40(9-10), 530-533.

OTHER PUBLICATIONS

- Baek J, Baldina E, Sung K, ... **Choi YH**, ... & Youm Y. (2023). A Prospective Sociocentric Study of 2 Entire Traditional Korean Villages: The Korean Social Life, Health, and Aging Project (KSHAP). *American Journal of Epidemiology*.
- Mai HN, Kim J, **Choi, Y. H.**, & Lee DH. (2021). Accuracy of portable face-scanning devices for obtaining three-dimensional face models: a systematic review and meta-analysis. *International Journal of Environmental Research and Public Health*, 18(1), 94.
- Ammar N, Aly NM, Folayan MO, ... **Choi YH**, ... & El Tantawi M. (2021). Perceived preparedness of dental academic institutions to cope with the COVID-19 pandemic: a multi-country survey. *International Journal of Environmental Research and Public Health*, 18(4), 1445.
- Ammar N, Aly NM, Folayan MO, ... **Choi YH**, ... & El Tantawi M. (2020). Knowledge of dental academics about the COVID-19 pandemic: A multi-country online survey. *BMC medical education*, 20(1), 1-12.
- Ammar N, Aly NM, Folayan MO, ... **Choi, Y. H.**, ... & El Tantawi M. (2020). Behavior change due to COVID-19 among dental academics—The theory of planned behavior: Stresses, worries, training, and pandemic severity. *PloS one*, 15(9), e0239961.
- Cho MJ, **Choi YH**, Kim HC, Shim JS, Amano A, Kim JY, & Song KB. (2019). Presence of metabolic syndrome components is associated with tooth loss in middle-aged adults. *Yonsei medical journal*, 60(6), 554-560.
- Jung YS, Jo HY, Ahn JH, ... **Choi YH**, ... & Song KB. (2019). In vivo and in vitro assessment of the bleaching effectiveness of a brush-off patch containing 3.0% hydrogen peroxide. *Clinical Oral Investigations*, 23, 2667-2673.
- Kim EK, Jung YS, Kim KH, Kim KR, Kwon GH, **Choi YH**, & Lee HK. (2018). Social capital and oral health: The association of social capital with edentulism and chewing ability in the rural elderly. *Archives of gerontology and geriatrics*, 74, 100-105.
- Tort B, **Choi YH**, Kim EK, Jung YS, Ha M, Song KB, & Lee YE. (2018). Lead exposure may affect gingival health in children. *BMC oral health*, 18, 1-7.
- Cho MJ, Jung EK, Jung YS, ... **Choi YH**, ... & Song KB. (2018). Relationship between the activities of daily living, oral health-related quality of life and dementia. *Geriatrics & Gerontology International*, 18(6), 943-949.
- Jung YS, Yang HY, **Choi YH**, Kim EK, Jeong SH, Cho MJ, ... & Song KB. (2018). Factors affecting use of word-of-mouth by dental patients. *International dental journal*, 68(5), 314-319.
- Merchant AT, Park YM, Dodhia S, Shrestha D, **Choi YH**, & Pitiphat W. (2017). Cross-sectional analysis of alcohol intake and serum antibodies to oral microorganisms. *JDR Clinical & Translational Research*, 2(2), 168-178.
- Kim EK, Park EY, Sa Gong JW, Jang SH, **Choi YH**, & Lee HK. (2017). Lasting effect of an oral

hygiene care program for patients with stroke during in-hospital rehabilitation: A randomized single-center clinical trial. *Disability and Rehabilitation*, 39(22), 2324-2329.

- Kim EK, Lee SK, **Choi YH**, Tanaka M, Hirotsu K, Kim HC, ... & Amano A. (2017). Relationship between chewing ability and cognitive impairment in the rural elderly. *Archives of gerontology and geriatrics*, 70, 209-213.
- Chung SY, Chung SY, Hwang YH, Kim EK, **Choi YH**, & Song KB. (2017). Socioeconomic inequalities in dental behaviors among Korean adults. *Dental and Medical Problems*, 54(3), 235-240.
- Lee YE, Park KS, Park EK, Im SU, **Choi YH**, & Song KB. (2016). Polycan suppresses osteoclast differentiation and titanium particle-induced osteolysis in mice. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 104(6), 1170-1175.
- Burm E, Song I, Ha M, Kim, ... **Choi YH**, ... & Do Yu S. (2016). Representative levels of blood lead, mercury, and urinary cadmium in youth: Korean Environmental Health Survey in Children and Adolescents (KorEHS-C), 2012–2014. *International Journal of Hygiene and Environmental Health*, 219(4-5), 412-418.
- Jang EJ, Kim EK, Lee KS, Lee HK, **Choi YH**, Hwang TY, ... & Jo MW. (2015). Oral health related quality of life and it's related factors of stroke patients at home in Korea. *Archives of Gerontology and Geriatrics*, 61(3), 523-528.
- Kim CS, Kim EK, Lee KS, Lee HK, **Choi YH**, Hwang TY, & Moon JS. (2015). Relationship between bone mineral density, its associated physiological factors, and tooth loss in postmenopausal Korean women. *BMC women's health*, 15(1), 1-6.
- Shrestha D, **Choi YH**, Zhang J, Hazlett LJ, & Merchant AT. (2015). Relationship between serologic markers of periodontal bacteria and metabolic syndrome and its components. *Journal of periodontology*, 86(3), 418-430.
- Lee YE, Park KS, Park EK, Im SU, **Choi YH**, & Song KB. (2016). Polycan suppresses osteoclast differentiation and titanium particle-induced osteolysis in mice. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 104(6), 1170-1175.
- Jin MU, Jeong SH, Kim EK, **Choi YH**, & Song KB. (2015). Burnout and its related factors in Korean dentists. *International dental journal*, 65(1), 22-31.
- Merchant AT, Shrestha D, Chaisson C, **Choi YH**, Hazlett LJ, & Zhang J. (2014). Association between serum antibodies to oral microorganisms and hyperglycemia in adults. *Journal of dental research*, 93(8), 752-759.
- Kim SM, **Choi YH**, Kim YG, Park JW, Lee JM, & Suh JY. (2014). Analysis of the esthetic outcome after root coverage procedures using a comprehensive approach. *Journal of Esthetic and Restorative Dentistry*, 26(2), 107-118.
- Kim EK, Jang SH, **Choi YH**, Lee KS, Kim YJ, Kim SH, & Lee HK. (2014). Effect of an oral hygienic care program for stroke patients in the intensive care unit. *Yonsei medical journal*, 55(1), 240-246.
- Lee KS, Kim EK, Kim JW, **Choi YH**, Mechant AT, Song KB, & Lee HK. (2014). The relationship between metabolic conditions and prevalence of periodontal disease in rural Korean elderly. *Archives of gerontology and geriatrics*, 58(1), 125-129.

- Ha M, Kwon HJ, Leem JH, ... **Choi YH**, ... & Lee BE. (2014). Korean Environmental Health Survey in Children and Adolescents (KorEHS-C): survey design and pilot study results on selected exposure biomarkers. *International journal of hygiene and environmental health*, 217(2-3), 260-270.
- Kim SM, **Choi YH**, Kim YG, Park JW, Lee JM, & Suh JY. (2014). Analysis of the esthetic outcome after root coverage procedures using a comprehensive approach. *Journal of Esthetic and Restorative Dentistry*, 26(2), 107-118.
- Lee KS, Kim EK, Kim JW, **Choi YH**, Merchant AT, Song KB, & Lee HK. (2014). The relationship between metabolic conditions and prevalence of periodontal disease in rural Korean elderly. *Archives of gerontology and geriatrics*, 58(1), 125-129.
- Kim EK, Lee SG, **Choi YH**, Won KC, Moon JS, Merchant AT, & Lee HK. (2013). Association between diabetes-related factors and clinical periodontal parameters in type-2 diabetes mellitus. *BMC Oral Health*, 13, 1-8.
- Lee HY, **Choi YH**, Park HW, & Lee SG. (2012). Changing patterns in the association between regional socio-economic context and dental caries experience according to gender and age: a multilevel study in Korean adults. *International Journal of Health Geographics*, 11, 1-10.
- Chung SY, Kwon H, **Choi YH**, Karmaus W, Merchant AT, Song KB, ... & Kang D. (2012). Dental composite fillings and bisphenol A among children: a survey in South Korea. *International dental journal*, 62(2), 65-69.
- Merchant AT, Oranbandid S, Jethwani M, **Choi YH**, Morrato EH, Pitiphat W, & Mayer-Davis EJ. (2012). Oral care practices and A1c among youth with type 1 and type 2 diabetes. *Journal of periodontology*, 83(7), 856-863.
- Sakong J, **Choi YH**, Chung SY, Kwon HJ, Karmaus W, Merchant AT, ... & Song KB. (2011). Association between Amalgam Tooth Fillings and Blood Mercury Levels in Children. *International Journal of Oral Biology*, 36(3), 123-128.
- Park JH, **Choi YH**, Ko CW, Kim HS, Lee SG, Kim HG, & Song KB. (2011). Poor Periodontal Health in Type 1 Diabetic Youth. In *Grid and Distributed Computing: International Conference, GDC 2011, Held as Part of the Future Generation Information Technology Conference, FGIT 2011, Jeju Island, Korea, December 8-10, 2011. Proceedings* (pp. 67-76). Springer Berlin Heidelberg.
- Merchant AT, Jethwani M, **Choi YH**, Morrato EH, Liese AD, & Mayer-Davis E. (2011). Associations between periodontal disease and selected risk factors of early complications among youth with type 1 and type 2 diabetes: a pilot study. *Pediatric diabetes*, 12(6), 529-535.
- Bae YC, Lee YE, Kim HY, **Choi YH**, & Song KB. (2010). Fluoride intake influences the distribution of aluminum in rats. *Toxicological and Environ Chemistry*, 92(6), 1149-1156.
- Lee YE, Baek HJ, **Choi YH**, Jeong SH, Park YD, & Song KB. (2010). Comparison of remineralization effect of three topical fluoride regimens on enamel initial carious lesions. *Journal of dentistry*, 38(2), 166-171.
- Lee YE, **Choi YH**, Jeong SH, Kim HS, Lee SH, & Song KB. (2009). Morphological changes in *Streptococcus mutans* after chewing gum containing xylitol for twelve months. *Current microbiology*, 58, 332-337.

- Jeong SH, Chung JK, **Choi YH**, Sohn W, & Song KB. (2006). Factors related to job satisfaction among South Korean dentists. *Community dentistry and oral epidemiology*, 34(6), 460-466.
- Song KB, **Choi YH**, Jeong S, Seol HJ, Kim HI, & Kwon YH. (2005). Detection of incipient carious lesions formed on human teeth in vitro using ultraviolet laser. *Photomedicine and Laser Therapy*, 23(5), 498-503.
- Kwon YH, Lee JS, **Choi YH**, Lee JM, & Song KB. (2005). Change of enamel after Er: YAG and CO2 laser irradiation and fluoride treatment. *Photomedicine and Laser Therapy*, 23(4), 389-394.

RESEARCH AND HEALTH POLICY PROJECTS

- Development of a Diagnostic and Predictive Module for Oral Frailty based on Epidemiological Mechanisms and its Causal Relationship with Cognitive Function. PI: Choi YH
May 2024 – Present. National Research Foundation of Korea
- 2024 Korean National Children's Oral Health Survey. PI: Choi YH
February 2024 – Present. Korea Disease Control and Prevention Agency
- Quality Control and Calibration Program for Oral Health Survey in Korea National Health and Nutrition Examination Survey VII-2 (2017) to IX-2 (2023). PI: Choi YH
February 2017 – Present. Korea Disease Control and Prevention Agency
- Mechanism of Causal Effect of Mastication and Periodontitis on Impairment of Cognitive Function. PI: Choi YH
January 2021 – February 2024. National Research Foundation of Korea
- Research for the Development of Public Oral Health Policies in Korea. PI: Choi YH
January 2022 – December 2023. National Evidence-based Healthcare Collaborating Agency
- Development of evaluation system and indices for planning and output of public oral health programs of local governments. PI: Choi YH
July 2022 – December 2022. Ministry of Health and Welfare
- 2021 Korean National Children's Oral Health Survey. PI: Ma DS
September 2021 – December 2022. Korea Disease Control and Prevention Agency
- Collaborative studies of systemic review on chronic inflammation-mediated association between oral health and general health. PI: Choi YH
April 2020 – March 2023. National Research Foundation of Korea-Japan Society for the Promotion of Science
- Establishment of Evidence-Based Oral Disease Management Using Health Care Big Data. PI (Division 2): Choi YH
December 2019 – June 2023. Korea Health Industry Development Institute
- Re-evaluation of xylitol as a functional ingredient of health functional foods. PI: Choi YH
January 2018 – December 2018. Ministry of Food and Drug Safety of Korea
- 2018 Korean National Children's Oral Health Survey. PI: Choi YH
January 2018 – December 2018. Ministry of Health and Welfare

- Epidemiological quantification and linking mechanism of interactive risk factors for periodontal diseases and mastication related to circulatory system in a longitudinal study. PI: Choi YH
 April 2017 – March 2020. National Research Foundation of Korea
- Development of guidelines for Oral Health Center adoption system for the disabled and of criteria for severe disability for dental treatment. PI: Song KB
 April 2017 – December 2017. Ministry of Health and Welfare
- Baseline construction study for a cohort identifying the common interactive risk factors for periodontal health and chewing ability with circulatory system diseases. PI: Choi YH
 November 2016 – October 2017. National Research Foundation of Korea
- Establishment of oral health supporting system for disabled people. PI: Choi YH
 May 2015 – December 2015. Daegu City
- 2015 Korean National Children's Oral Health Survey. PI: Cho YS
 April 2015 – December 2015, Ministry of Health and Welfare
- Establishing cooperation model of regional stand-alone impaired oral health. PI: Choi YH
 July 2014 – November 2014, Korea Health Promotion Foundation
- The development of periodontal disease assessment survey tool: National Health and Nutrition Examination Survey. PI: Choi YH
 October 2013 – December 2013. Centers for Disease Control and Prevention of Korea
- The impact of exposure to Bisphenol-A in children released by dental sealants and composite resins. PI: Choi YH
 June 2013 – May 2016. National Research Foundation of Korea
- Development of functional food for treatment or prevention of periodontal disease. PI: Song KB
 July 2012 – June 2013. Chungcheongbuk-do Province
- The Korean National Oral Health Survey 2012. PI: Song KB
 May 2012 – December 2012. Ministry of Health and Welfare
- The impact of dental amalgam on mercury exposure in children. PI: Choi YH
 May 2010 – April 2013. National Research Foundation of Korea
- The Korean National Oral Health Survey 2010. PI: Kwon HK
 April 2010 – December 2010. Ministry of Health and Welfare
- A study on the integrated exposure to hazardous materials for safety control. PI: Kwon HJ
 March 2010 – November 2012. Korea National institute of Food & Drug Safety Evaluation
- The effect of oral health care on blood glycemc control in diabetic youth. PI: Choi YH
 May 2009 – April 2011. National Research Foundation of Korea
- Standardization for Oral Health Survey in Korea National Health and Nutrition Examination Survey (KNHANES) II-2 (2008) to VII-1 (2016) PI: Park DY
 January 2008 – December 2016. Centers for Disease Control and Prevention of Korea
- Children's Health and Environmental Research. PI: Kwon HJ
 October 2008 – December 2010. Korea Ministry of Environment

- The job satisfaction and retirement plan of Korean dentists. PI: Choi YH
October 2008 – April 2009. Korean Dental Association
- The development of text for oral epidemiology and research methodology. PI: Kim HD
September 2008 – August 2010. Korea Research Foundation. Ministry of Education, Science, and Technology.
- The effect of xylitol on the prevention of mother-child transmission. PI: Choi YH
December 2004 – November 2005. Korea Caries Prevention Association
- National oral health survey for disabled people. PI: Lee KH
2003 – 2004. Ministry of Health and Welfare
- The study on the association of dental status with general health by CART algorithms. PI: Choi YH
March 2003 – March 2005. Kyungpook National University
- The status of oral health and dental services in disabled people. PI: Kwon HK
2002 – 2003. Ministry of Health and Welfare
- National hypertension center study: Planning, data build-up, and evaluation. PI: Kang JK
2001 – 2002. Ministry of Health and Welfare
- The baseline study of oral health status for the denture treatment program in lower socio-economic elderly people. PI: Kwon HK
2000 – 2002. Korea Health Industry Development Institute
- Healthy city Gwacheon 21C: Prevention and control of hypertension. PI: Suh I
2000 – 2002. Gwacheon City
- Insurance coverage of dental treatment for prevention on Korea National Health Insurance. PI: Kwon HK
2000 – 2001. Korean Dental Association
- The study for review of reimbursement system of insurance in periodontal treatment. PI: Kwon HK
2000. Korean Dental Association
- The follow-up study for prevention of dental caries. PI: Kwon HK
1995 – 1997. Gwacheon City