

CURRICULUM VITAE

Name YOUNG J KIM, DDS, MSD, PhD
Date of Birth Feb 06, 1970
Marital Status Married, Jung Eun Kim, DDS, MSD, PhD, and two sons

EDUCATION

Dental School

1995 **DDS** in Dentistry, School of Dentistry, Seoul National University (SNU)

Postgraduate

1995-1998 **Residency** in Pediatric Dentistry, Seoul National University Hospital
1998 **MSD** in Oral Microbiology, Graduate School, SNU
1998-2001 Service in the armed force as a **Captain**, Dental Surgeon in armed force
2001-2002 **Fellow**, Seoul National University Hospital
2002-2003 **Clinical Instructor**, Seoul National University Hospital
2003 **PhD** in Pediatric Dentistry (Cariology), Graduate School, SNU
2008-2010 **Advanced Research** at UCLA, USA

ACADEMIC POSITION

2004 **Full-time instructor**

2005 **Assistant Professor**

2009 **Associate Professor**

2016 **Professor**

Department of Pediatric Dentistry
School of Dentistry and Dental Research Institute
Seoul National University (SNU), Seoul, KOREA

Immunology and Molecular Microbiology in Dentistry
Graduate School
Seoul National University

Clinical Professor and Chair

Department of Pediatric Dentistry
Seoul National University Dental Hospital (SNUDH)

Head

Department of Pediatric Dentistry, SNUDH
Specialized Clinic for the persons with disabilities, SNUDH

President

Seoul Dental Hospital for the Disabled, SDHD

Director

ECC (Early Childhood Caries) Prevention Clinic, SNUDH

Director (Secretary General)

Korean Academy of Pediatric Dentistry

President-elect

Korean Association of Disability and Oral Health
Asian Association of Disability and Oral Health

International Committee

Education committee

International Association for the Disability and Oral Health

Board of Directors

Public Relations Committee, Chair

International Association of Paediatric Dentistry

ADMINISTRATIVE POSITION

School of Dentistry, Seoul National University

2006-2008 **Assistant Dean** of student affair

2006-2008 Associate Director, KTCC Committee, Dental Research
Institute

2008- Director, Public Relation Committee
2010-2012 **Assistant Dean** of International affair
2015- Chair, Admissions Office

Seoul National University Dental Hospital

2006- Public Relations Committee
2006- Editing Committee
2012- 2016 President of SDHD
2015- **Chairperson, Department of Pediatric Dentistry**
2019- **Vice-President, Seoul National University Dental Hospital**

National Health Personnel Licensing Examination Board

Dentist Licensing Board Committee

LICENSURE

DDS

SPECIALTY CERTIFICATION

Korean Board of Pediatric Dentistry

HONORS AND AWARDS

2003 Grand Prix; Young Researcher Award, Korean Academy of Pediatric Dentistry
2007 Certificate of Merit; FDI Continuing Education in Mongolia
2007 Certificate of Merit; Japanese Society of Disability and Oral Health
2007 Certificate of Merit; Taiwan Dental Association
2008 Certificate of Merit; Mongolian Dental Association
2008 Certificate of Merit; Japanese Society of Disability and Oral Health
2010 Certificate of Advanced Research; UCLA
2012 Certificate of Merit; Korean Academy of Dental Anesthesiology
2013 Certificate of Merit; International Association of Pediatric Dentistry
2014 Certificate of Merit; Japanese Society of Disability and Oral Health
2015 Certificate of Merit; Japanese Society of Disability and Oral Health
2016 Certificate of Merit; Japanese Society of Disability and Oral Health
2017 Certificate of Merit; Japanese Society of Disability and Oral Health

2018	Certificate of Awards, Best Research Presentation, International Association for Oral Health and Disability
2019	Certificate of Merit: South Asia Association of Pediatric Dentistry
2019	Certificate of Merit: Asia Association for the Disability and Oral Health

BIOTECHNOLOGY DEVELOPMENT EXPERIENCE SINCE

Expert Consultant on SS Crown development, SH International
 Chief consultant on probiotics against dental caries, Korea Yakult
 Chief Consultant on ultrasonic cleanser for Dagan
 Expert consultant on QLF caries diagnosis, CG Bio

PROFESSIONAL AFFILIATION

American Academy of Pediatric Dentistry
 Korean Academy of Pediatric Dentistry
 Pediatric Dentistry Association of Asia
 International Association of Pediatric Dentistry
 International Association for the Disability and Oral Health
 Korean Academy of Dental Anesthesiology
 Korean Association of Disability and Oral Health

SELECTED INVITED LECTURES and RESEARCH INTEREST

Prevention Strategy of ECC in Children
Oral Health Care in Persons with Disabilities
Evidence-based Dentistry
Probiotics Approach of Prevention of Oral Disease
Cariology in modern dentistry
Oral microbiological aspects of early childhood caries
Behavior Science for Pediatric Dentistry

SELECTIVE PUBLICATIONS

Dental implications in Hajdu-Cheney syndrome: A novel case report and review of the literature, *Oral Dis*, 24(6):103-104, 2018.

Effects of dental treatment and systemic disease on oral health-related quality of life in Korean pediatric patients, *BMC Oral Health*, 18, 2018.

Oral health status of the disabled compared with that of the non-disabled in Korea: A propensity score matching analysis, *PLOS ONE*, 2018.

A novel AMELX mutation causes hypoplastic amelogenesis imperfect, *Archv Oral Biol*, 76:61-65, 2017.

Colorimetric distribution of human attached gingiva and alveolar mucosa, *J Prosthetic Dent*, 117(2):294-302, 2017

Evaluation of Stress Response During Mesiodens Extraction Under General Anesthesia Using Heart Rate Variability, *J Oral Maxillofac Surg, Med, Pathol*, 75(5):931-937, 2017.

Unexpected identification of a recurrent mutation in the DLX3 gene causing amelogenesis imperfecta, *Oral Disease*, 22(4):297-302, 2016.

Novel FGF10 mutation in autosomal dominant aplasia of lacrimal and salivary glands. *Clin Oral Invest*. 21(1):167-172, 2017.

Molar root-incisor malformation: considerations of diverse developmental and etiologic factors. *Oral Sur Oral Med Oral Pathol Oral Radiol*, 121(2): 164-172, 2016.

The post-traumatic colour change of primary incisors: a colorimetric and longitudinal study. 2016.

Oxygen saturation and perfusion index from pulse oximetry in adult volunteers with viable incisors. *Acta Odontol Scand*, 74(5):411-415, 2016.

A novel de novo mutation in LAMB3 causes localized hypoplastic enamel in the molar region. *Eur J Oral Sci*, 124(4):403-405, 2016.

Comparison of the Oral Microbiome of Siblings Using Next-generation Sequencing. *Oral Disease*, 2016.

Dental treatment of a patient with long QT syndrome under moderate sedation with target-controlled

infusion of propofol. J Dent Anesth Pain Med, 15(3):161-165, 2015.

Clinical usefulness of proseal laryngeal mask airway for anesthesia during dental procedures in children. J Clin Ped Dent, 39:179-182, 2015.

Novel MNP20 and dKLK4 mutations in amelogenesis imperfecta, J Dent Res, 94(8): 1063-1069, 2015.

Alteration of Conserved Alternative Splicing in AMELX Causes Enamel Defects, JOURNAL OF DENTAL RESEARCH, PP.980 ~987, 2014.

Color change of white spot lesions after resin infiltration, COLOR RESEARCH AND APPLICATION, PP.506 ~ 510, 2014.

Reducing the Bioactivity of *Tannerella forsythia* Lipopolysaccharide by Porphyromonas gingivalis, JOURNAL OF MICROBIOLOGY, PP.702 ~ 708, 2014.

A comparative study of the effect of probiotics on cariogenic biofilm model for preventing dental caries, ARCHIVES OF MICROBIOLOGY, PP.601 ~ 609, 2014.

Clinical Efficiency and Reusability of the Reciprocating Nickel-Titanium Instruments According to the Root Canal Anatomy, SCANNING, PP.246 ~ 251, 2014.

Gingival peripheral odontoma in a child: Case report of an uncommon lesion, OPEN JOURNAL OF STOMATOLOGY, PP.109 ~ 111, 2013.

Deep Sedation With Sevoflurane Inhalation via a Nasal Hood for Brief Dental Procedures in Pediatric Patients, PEDIATRIC EMERGENCY CARE, PP.926 ~ 928, 2013.

Deep sedation with sevoflurane insufflated via a nasal cannula in uncooperative child undergoing the repair of dental injury, AMERICAN JOURNAL OF EMERGENCY MEDICINE, PP.894e1 ~ 894, 2013.

The cariogenic characters of xylitol-resistant and xylitol-sensitive Streptococcus mutans in biofilm formation with salivary bacteria, ARCHIVES OF ORAL BIOLOGY, PP.697 ~ 703, 2012.

In vitro study of biofilm formation and effectiveness of antimicrobial treatment on various dental material surfaces, MOLECULAR ORAL MICROBIOLOGY, PP.384 ~ 390, 2010.

Color Distribution of Maxillary Primary Incisors in Korean Children, COLOR RESEARCH AND APPLICATION, PP.153 ~ 158, 2010.

Effect of collagenase and esterase on resin-dentin interface: A comparative study between a total-etch adhesive and a self-etch adhesive, AMERICAN JOURNAL OF DENTISTRY, PP.295 ~ 298, 2009.

Quantitative real-time polymerase chain reaction for Streptococcus mutans and Streptococcus sobrinus in dental plaque samples and its association with early childhood caries, INTERNATIONAL JOURNAL OF PAEDIATRIC DENTISTRY, PP.141 ~ 147, 2009.

DLX3 mutation in a new family and its phenotypic variations, JOURNAL OF DENTAL RESEARCH, PP.354 ~ 357, 2008.

Gingival epithelial cell expression of macrophage inflammatory protein-1 alpha induced by interleukin-1 beta and lipopolysaccharide, JOURNAL OF PERIODONTOLOGY, PP.1627 ~ 1634, 2007.

Totally more than 170 papers