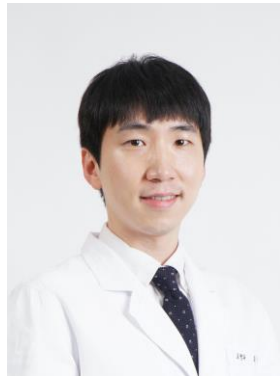


Curriculum Vitae

Jin-Young Choi, DDS, MSD, PhD.



Clinical Assistant Professor

Kyung Hee University Dental Hospital

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EDUCATION

Wonkwang University School of Dentistry	2006-2012	DDS
Ajou University Graduate School	2013-2015	MSD (Orthodontics)
Kyung Hee University Graduate School	2019-2021	PhD (Orthodontics)

CAREER

Intern	Kangdong Sacred Heart Hospital	2012-2013
Orthodontic Resident	Ajou University Hospital	2013-2016

ACADEMIC APPOINTMENTS

Clinical Lecturer	Kyung Hee University Dental Hospital	2019-2021
Clinical Assistant Professor	Kyung Hee University Dental Hospital	2021-

ACTIVE MEMBER in PROFESSIONAL/ SCIENTIFIC ORGANIZATIONS

Korean Association of Orthodontists
Korean Association of Lingual Orthodontists
Korean Society of Digital Orthodontists
World Federation of Orthodontists

SOCIAL ACTIVITIES

Member of Scientific Affairs, Korean Association of Orthodontists

Member of Business Commission, Korean Association of Lingual Orthodontists

AWARDS

2021, Young Investigator Award, Korean Association of Orthodontists

PUBLICATIONS

1. Kim KY, Choi JY, Oh SH, Moon HW, Kim SH, Ahn HW, Kim KA, Nelson G. Computerized Assessment of Occlusion and Muscle Activity during Use of a Multilayer Clear Retainer: A Preliminary Study. *Sensors (Basel)* 2021;21:541
2. Oh SH, Lee SR, Choi JY, Choi YS, Kim SH, Yoon HC, Nelson G. Detection of Dental Caries and Cracks with Quantitative Light-Induced Fluorescence in Comparison to Radiographic and Visual Examination: A Retrospective Case Study. *Sensors (Basel)* 2021;21:1741
3. Choi JY, Cho J, Oh SH, Kim SH, Chung KR, Nelson G. Effect of Different Surface Designs on the Rotational Resistance and Stability of Orthodontic Miniscrews: A Three-Dimensional Finite Element Study. *Sensors (Basel)* 2021;21:1964
4. Park KH, Choi JY, Kim KA, Kim SJ, Chung KR, Kim SH. Critical issues concerning biocreative strategy in contemporary temporary skeletal anchorage device orthodontics: A narrative review. *Orthod Craniofac Res* 2021;24 Suppl 1:39-47
5. Choi JY, Oh SH, Kim SH, Ahn HW, Kang YG, Choi YS, Kook YA, Nelson G. Effectiveness of 2D radiographs in detecting CBCT-based incidental findings in orthodontic patients. *Sci Rep* 2021;11:9280
6. Park JH, Choo H, Choi JY, Chung KR, Kim SH. Evaluation of strategic uprighting of the mandibular molars using an orthodontic miniplate and a nickel-titanium reverse curve arch wire: Preliminary cephalometric study. *Korean J Orthod* 2021;51:179-188
7. Choi JY, Kim MJ, Kim SH, Chung KR, Nelson G. Effect of Different Head Hole Position on the Rotational Resistance and Stability of Orthodontic Miniscrews: A Three-Dimensional Finite Element Study. *Sensors (Basel)* 2021;21:3798

8. Choi JY, Choo H, Oh SH, Park JH, Chung KR, Kim SH. Finite element analysis of C-expanders with different vertical vectors of anchor screws. *Am J Orthod Dentofacial Orthop* 2021;159:799-807
9. Lim LI, Choi JY, Ahn HW, Kim SH, Chung KR, Nelson G. Treatment outcomes of various force applications in growing patients with skeletal Class III malocclusion. *Angle Orthod* 2021;91:449-458
10. Oh SH, Lee SR, Choi JY, Kim SH, Hwang EH, Nelson G. Quantitative cone-beam computed tomography evaluation of hard and soft tissue thicknesses in the midpalatal suture region to facilitate orthodontic mini-implant placement. *Korean J Orthod* 2021;51:260-269
11. Oh SH, Choi JY, Lee SR, Kim SH. Evaluation of Periodontal Risk Factors with Quantitative Light-Induced Fluorescence Based Fluorescent Plaque Index, in Comparison to Radiographic and Oral Health Habit Scoring: A Retrospective Case Study. *Sensors (Basel)* 2021;21:5774
12. Park JH, Choi JY, Oh SH, Kim SH. Three-Dimensional Digital Superimposition of Orthodontic Bracket Position by Using a Computer-Aided Transfer Jig System: An Accuracy Analysis. *Sensors (Basel)* 2021;21:5911
13. Oh SH, Lee SR, Choi JY, Ahn HW, Kim SH, Nelson G. Geometry of anchoring miniscrew in the lateral palate that support a tissue bone borne maxillary expander affects neighboring root damage. *Sci Rep* 2021;11:19880
14. Park JH, Choi JY, Kim SH, Kim SJ, Lee KJ, Nelson G. Three-dimensional evaluation of the transfer accuracy of a bracket jig fabricated using computer-aided design and manufacturing to the anterior dentition: An in vitro study. *Korean J Orthod* 2021;51:375-386
15. Oh SH, Choi JY, Kim SH. Evaluation of dental caries detection with quantitative light-induced fluorescence in comparison to different field of view devices. *Sci Rep* 2022;12:6139
16. Koenig N, Choi JY, McCray J, Hayes A, Schneider P, Kim KB. Comparison of dimensional accuracy between direct-printed and thermoformed aligners. *Korean J Orthod* 2022;52:249-257
17. Choi JY, Jin B, Kim SH. Clinical application of maxillary tissue bone-borne expander and biocreative reverse curve system in the orthodontic retreatment of severe anterior open bite with transverse discrepancy: A case report. *Korean J Orthod* 2022;52:372-382

18. Kim JW, Choi JY, Kim MJ, Bin X, Kim SH. A cone-beam computed tomography study on strategic uprighting of mandibular molars using a biocreative reverse curve system. *Korean J Orthod* 2022;52:354-361
19. Torque and vertical control of maxillary incisors for an esthetic smile using TSADs implanted in various areas: Biomechanical considerations. *Semin Orthod* 2022;28:136-148
20. Clinical application and biomechanics of various lingual retractors with temporary skeletal anchorage devices: A narrative review. *Appl Sci* 2022;12:11075
21. Kim DY, Woo S, Roh JY, Choi JY, Kim KA, Cha JY, Kim N, Kim SJ. Subregional pharyngeal changes after orthognathic surgery in skeletal Class III patients analyzed by convolutional neural networks-based segmentation. *J Dent* 2023;135:104565
22. Choi JY, Choo H, Kim MJ, Chung KR, Kim SH. Miniscrews position for a tissue bone borne palatal C-expander affects the displacement pattern of nasomaxillary complex: a finite element study. *Sci Rep* 2023;13:17135