

2025 AADOCR/CADR Annual Meeting Exhibition
Boston University Henry M. Goldman School of Dental Medicine

| SESSION DAY & DATE | SESSION START TIME | SESSION END TIME | FINAL ID | TITLE | PRESENTER | SESSION TITLE | SESSION ABSTRACT START TIME | SESSION ABSTRACT END TIME | SESSION TYPE | SESSION LOCATION |
|----------------------|--------------------|------------------|----------|---|----------------------------|--|-----------------------------|---------------------------|----------------|------------------|
| Wednesday, 3/12/2025 | 10:30 AM | 12:00 PM | 47 | 3D Automated Segmentation of Three Craniofacial Structures using Machine Learning | Min Seok Kim | Advancing Orthodontics through AI: Innovations in Diagnosis, Education, and Treatment | 10:45 AM | 11:00 AM | Oral Session | 408 (CC) |
| Thursday, 3/13/2025 | 8:00 AM | 9:30 AM | 0110 | Dietary Serine and Glycine Restriction impedes Oral Cancer Evolution through Epigenetic Inhibition of Cancer Stem Cells. | Stacy Jankowski | Advancements in Oral Cancer: Single-Cell Proteomics to Targeted Treatments | 8:20 AM | 8:40 AM | Symposium | 410 (CC) |
| Thursday, 3/13/2025 | 8:00 AM | 9:30 AM | 162 | Developing a Prototype of a Remotely Activated Maxillary Expander | Roger Lopez Bellido | Advancements in Orthodontic Imaging, Biomechanics, and Innovative Therapies: Bridging Precision and Practice | 9:15 AM | 9:30 AM | Oral Session | 406.2 (CC) |
| Thursday, 3/13/2025 | 11:00 AM | 12:15 PM | 310 | Dental Caries in Persons with Taste and Smell Impairments. | Elizabeth Kaye | Nutrition Research I | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 11:00 AM | 12:15 PM | 235 | Assessing Accuracy Of Palatal Rugae Detection Using Machine Learning | Anwita Vaidya | Digital Dentistry Research I | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 11:00 AM | 12:15 PM | 246 | Flexural Strength of Yttria-gradient Multilayered Zirconia | Nannapat Siraboriphantakul | Dental Materials 1: Ceramic-based Materials I | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 11:00 AM | 12:15 PM | 206 | The role of SOX2 and OCT4 pluripotency markers in TGF-β3-mediated epithelial-mesenchymal transition during palatal fusion | Natcha Mahatumarat | Genetic and Molecular Mechanisms of Clefting | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 11:00 AM | 12:15 PM | 390 | Developing A 3D-Printed Container To Measure BPA Release During Orthodontic Attachment Debonding | Isha Aggarwal | SCADA: Clinical Science/Public Health Research I | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 11:00 AM | 12:15 PM | 194 | Interaction of Tin (II) and Fluoride Ions on Hydroxyapatite Crystals' Mineralization on Human Teeth | Turki Alansari | Cariology-Demineralization/Remineralization I | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 3:15 PM | 4:30 PM | 543 | Evaluation Of Color Stability Of 3D Printed And Machinable Restorative Materials | Yasmeen Almumen | Dental Materials 7: Color and Appearance (Esthetics) II | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 3:15 PM | 4:30 PM | 628 | Factors Shaping Dental Caries Prevalence Trends in U.S. Children, 2011-2020 | Lina Alhudaithy | Dental Caries Social Determinants & Digital Oral Health Tools Assessments | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 3:15 PM | 4:30 PM | 481 | Accuracy of Oral Health and Risk Behavior Reporting Among Social Networks | Robert McDonough | Oral Health Inequalities and Quality of Life | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Thursday, 3/13/2025 | 3:15 PM | 4:30 PM | 478 | Predictors of Oral Health Risk Behavior Homophily Among Social Network Ties | Mabeline Velez | Oral Health Inequalities and Quality of Life | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 8:00 AM | 9:30 AM | 716 | Correlates of Dental Anxiety Among Smokers in Urban Dental Clinics | Belinda Borrelli | Psychological and Social Factors, Dental Anxiety, Pain and Oral Health | 8:30 AM | 8:45 AM | Oral Session | 406.1 (CC) |
| Friday, 3/14/2025 | 8:00 AM | 9:30 AM | 718 | Emergency Department Opioid Prescribing Practices For Pediatric Acute Dental Conditions | Keri Discepolo | Psychological and Social Factors, Dental Anxiety, Pain and Oral Health | 9:00 AM | 9:15 AM | Oral Session | 406.1 (CC) |
| Friday, 3/14/2025 | 11:00 AM | 12:15 PM | 907 | Three-dimensional Maxillary Remodeling After Bimaxillary Surgery in Class II patients | Alhanoof Alduraie | Exploring Bone Biology, Biomechanics, and Tissue Remodeling in Orthodontics | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 11:00 AM | 12:15 PM | 759 | Impact Of Oral Bacteria On Enamel Remineralization | Harshal Modh | Cariology-Demineralization/Remineralization II | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 11:00 AM | 12:15 PM | 923 | Optimizing Voxel Size for Comprehensive Detection of Periodontal Bone Defects Using Cone-Beam Computed Tomography | Masoumeh Eftekhari | Periodontal Diagnostics and Epidemiology | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 11:00 AM | 12:15 PM | 848 | Preventive Interventions in Long-Term Care Residents: A Scoping Review | Bathsheba Turton | Mental Disorders, Dental Interventions, Community Innovations, and Geriatric Dentistry. | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |

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| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1195 | Treatment of Anterior Open Bite with Magnets and Zygomatic Miniplates | Selda Abbasian | Advancing Orthodontic Frontiers: TADs, Growth Modifications, and Patient-centric Innovations | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1052 | Breastfeeding and Periodontitis in U.S. Nursing Mothers: A Cross-Sectional Analysis | Fatemah Abdullah | Oral Oncology, Oral Health and Prevention and Systemic Conditions | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1053 | Dental Implant Loss/Complications in an Urban Dental School Setting | M. Marianne Jurasic | Oral Oncology, Oral Health and Prevention and Systemic Conditions | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1207 | Coffee Extracts Mitigate Osteoclast Activity In The Presence Of LPS-Induced Bone Damage | Janvi Mody | Adjunctive Therapies and Agents | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1196 | Maxillary Transverse Expansion Stability After Multi-Segment LeFort I Osteotomies | Rachel Macdonald | Advancing Orthodontic Frontiers: TADs, Growth Modifications, and Patient-centric Innovations | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1048 | The Protective Effect of Sleep on Periodontitis Among U.S. Adults | HAGER EL SHAAFI | Oral Oncology, Oral Health and Prevention and Systemic Conditions | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1095 | Computer Vision Algorithms and Machine Learning for Enhanced Intraoral Scanning | Kevin Ma | Digital Dentistry Research II | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1104 | Effects of Curing on Mechanical Properties of 3D-Printed Crown Materials | Tamilyn Chu | Polymer-based Materials: Materials Properties II-3D Materials | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Friday, 3/14/2025 | 3:15 PM | 4:30 PM | 1142 | In Vitro Strengthening Effect of Er,Cr:YSGG Laser on Human Dentin: An In Vitro Pilot Study | Nguyen Nguyen | Lasers & Biophotonics | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 11:00 AM | 12:15 PM | 1370 | Evaluation of Flow Pressure of a Sr-Si Sealer | Shannon Wong | Metal-based Materials and Other Materials | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 11:00 AM | 12:15 PM | 1498 | Introducing Fluctuant Glucose in In Vitro Bone Cell Studies: Implications for Periodontitis and Peri-implantitis | Ali Hadian Amrei | Peri-Implantitis and Bone Regulation | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 11:00 AM | 12:15 PM | 1312 | Perceived discrimination and U.S. children's oral health status | Deepa Verma | Oral Health in Pregnancy to Adolescence | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 11:00 AM | 12:15 PM | 1363 | Flexural Strength and Fracture Toughness of 3DP High-Impact Denture Base | Jacob Michael Miszuk | Polymer-based Materials-Materials Properties III | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 11:00 AM | 12:15 PM | 1364 | Polymerization Shrinkage Stress of Novel Light Curing Dental Composites | Yuwei Fan | Polymer-based Materials-Materials Properties III | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 11:00 AM | 12:15 PM | 1365 | Effects of Curing on Mechanical Properties of 3D-Printed Materials | Navika Gupta | Polymer-based Materials-Materials Properties III | 11:00 AM | 12:15 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 1:30 PM | 3:00 PM | 1539 | An Integrated Single-cell Transcriptomic Atlas of HPV-Negative HNSCC | Lina Kroehling | Multi-omics and Large Data Set Analysis in Oral Cancer and Homeostasis | 1:30 PM | 1:45 PM | Oral Session | 408 (CC) |
| Saturday, 3/15/2025 | 3:15 PM | 4:30 PM | 1745 | Association between Smoking and Arthralgia of Temporomandibular Joint. | Deema Najib | Transformative Developments in Orthodontic Diagnosis and Treatment: Embracing a Multimodal and Demographic Approach | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 3:15 PM | 4:30 PM | 1569 | Impact of Light-curing on SDF-Treated Dentin Microhardness and Silver Penetration | Setthawut Choochaisaengrat | Cariology Research-Fluoride & Ca-based Products | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 3:15 PM | 4:30 PM | 1618 | Evaluation of Mechanical Properties, Surface Topography, and Color Stability of Pink Composites | Abdulkareem Alotaibi | Polymer-based Materials - Materials Properties IV | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |

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| Saturday, 3/15/2025 | 3:15 PM | 4:30 PM | 1732 | Accuracy Of Locking vs. Non-locking Plates Compared To VSP® Models | Courtney Sepe | Oral and Maxillofacial Surgery-TMJ, Orthognathic, and Sleep Surgery | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 3:15 PM | 4:30 PM | 1615 | Temperature and Water Effect on Flexural Strength of 3D-Printed Materials | Daniel Monteros Proano | Polymer-based Materials - Materials Properties IV | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 3:15 PM | 4:30 PM | 1739 | Skeletal Parameters as Predictors for Genioplasty in Class II Bimaxillary Orthognathic Surgery: A CBCT Analysis | Reham Abdelsalam | Transformative Developments in Orthodontic Diagnosis and Treatment: Embracing a Multimodal and Demographic Approach | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |
| Saturday, 3/15/2025 | 3:15 PM | 4:30 PM | 1740 | Comparative Evaluation of 2D Photos and 3D Facial Scans in Assessing Soft Tissue Changes Post-Mandibular Advancement in Class II Skeletal Patients | Majid Heidarpour | Transformative Developments in Orthodontic Diagnosis and Treatment: Embracing a Multimodal and Demographic Approach | 3:15 PM | 4:30 PM | Poster Session | HALL 3 (CC) |