



research is needed to quantify the impact of bias on medical education. We want to determine perceptions of bias and whether bias correlate with demographic identities, including race/ethnicity, gender and socioeconomic status.

We hypothesize that those who identify with minority groups and/or come from lower socioeconomic status will perceive a greater degree of bias and less inclusion compared with those who identify with majority groups and/or socioeconomic status.

Methods

Students (1st through 3rd years), faculty and staff were invited to participate in an anonymous online survey, comprised of 22 questions regarding bias, diversity, and inclusion, demographics and open-ended questions. Descriptive analysis is performed on the preliminary data.

Survey Demographics



- Preliminary responses were received (N=125)
- Only student data is presented (125/280, 29% response rate), due to low faculty/staff response

Students' perceptions:

- The school treated them fairly: 76% strongly agree/agree
- They were valued as:
 - an individual: 69% strongly agree/agree
 - by high leadership: 69% strongly agree/agree
- The school has achieved diversity
 - among faculty: 73% strongly agree/agree
 - within student body: 62% strongly agree/agree
- The school supports cross-cultural initiatives: 73% strongly agree/agree
- The school demonstrated
 - intolerance to harassment: 69% agree
 - acceptance of those with different ideas: 72% strongly agree/agree
- There was a slightly higher response rate regarding:
 - school achievement
 - ability to find resources

11th Annual Research Symposium Program

SOUTH JORDAN CAMPUS

Wednesday, February 19, 2025

ROSEMAN UNIVERSITY
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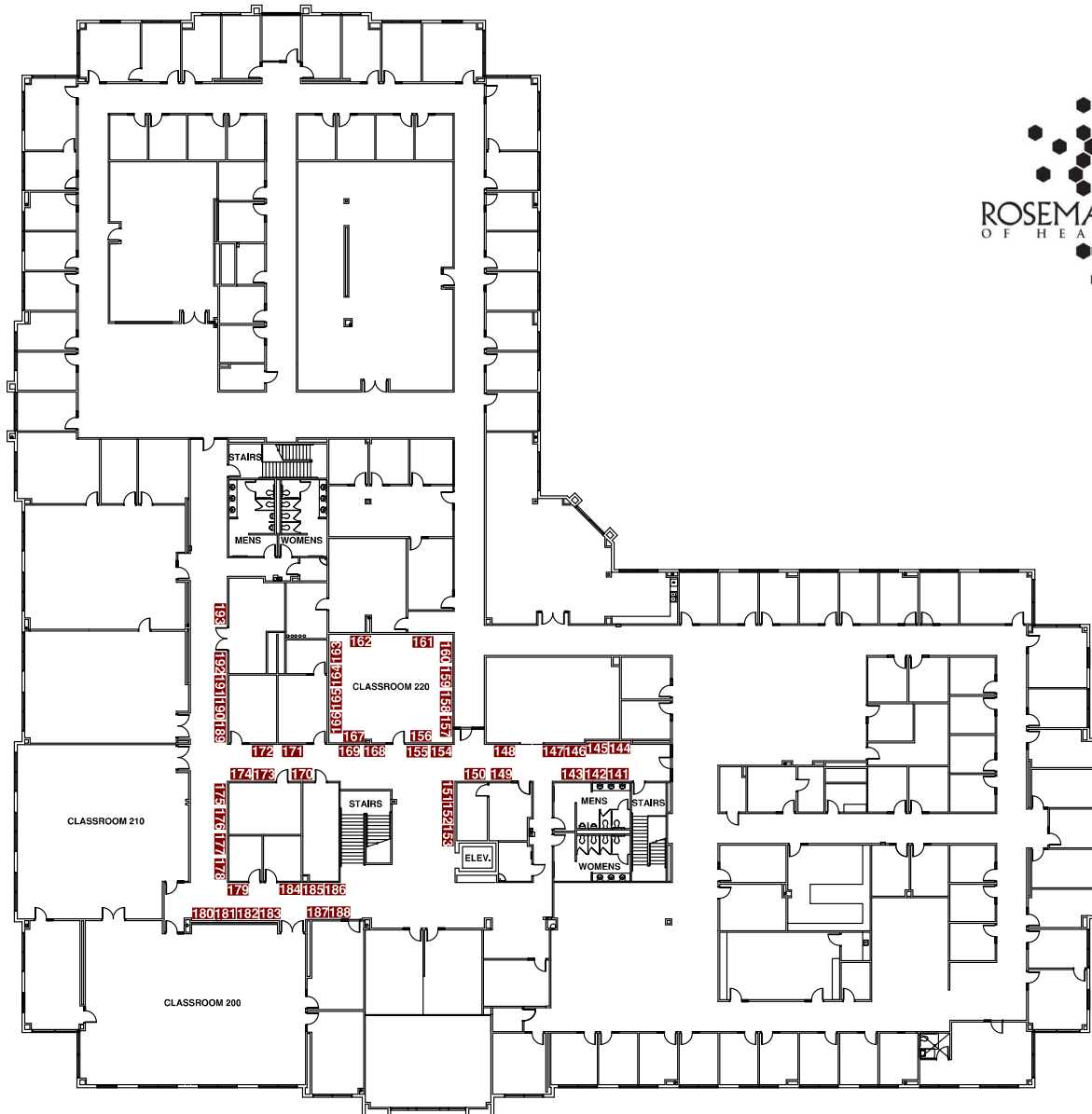
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RESEARCH SYMPOSIUM POSTER PRESENTATION MAP



LEVEL 1
POSTERS 1-140

RESEARCH SYMPOSIUM POSTER PRESENTATION MAP



LEVEL 2
POSTERS 141-193

2025 Keynote Speaker



Development of The Dentition: The Good, Bad and Ugly

Presented by: Tim Wright, DDS, MS

*Professor | Adams School of Dentistry
University of North Carolina at Chapel Hill*

*Editor in Chief
Journal of the American Dental Association*

Tim Wright received his DDS degree from West Virginia University and completed his Pediatric Dentistry training and Master of Science Degree at the University of Alabama at Birmingham. He currently is a Professor in the Department of Pediatric Dentistry and Dental Public Health at The Adams School of Dentistry at the University of North Carolina, Chapel Hill, where he has served as Pediatric Dentistry Department Chair and Department of Endodontics Interim Chair. He is a Diplomate of the American Board of Pediatric Dentistry, a Fellow of the American Academy for

the Advancement of Science, and a Past President of the American Association of Dental Research. He has Chaired the Counsel of Scientific Affairs for the American Dental Association and American Academy of Pediatric Dentistry (AAPD). He is the current Chair of the AAPD Evidence Based Dentistry Committee and has published over 200 peer reviewed scientific manuscripts, edited two textbooks and authored 27 text chapters. Dr. Wright is the Editor in Chief of the Journal of the American Dental Association.

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SOUTH JORDAN CAMPUS AGENDA

Wednesday, February 19, 2025 | 3 – 6pm (local time)

2:30 – 3PM	Registration and Presenter Check-In
3 – 4PM	Poster Session
4 – 5PM	Keynote Speaker – Tim Wright, DDS, MS “Development of The Dentition: The Good, Bad and Ugly” – <i>Classroom 100</i>
5– 6PM	Podium Presentations – <i>Classroom 100</i>
6 – 6:15PM	Break (Meal Served) – <i>P1-1 Breakroom</i>
6:15 – 6:30PM	Awards and Closing Remarks – <i>Classroom 100</i>

PODIUM PRESENTATIONS

Poster no	Title	Authors	Affiliation
1	Physiological Biomarkers in Generalized Anxiety Disorder: Wearable Devices Integration	Jacob Warner	Noorda College of Osteopathic Medicine, Utah, USA
2	Evaluation of Nasal Airway Volume In Adults after Maxillary Expansion with Clear Aligner	Omar Badawi	University of Saskatchewan, Canada
3	Comparative Analysis of Performance and Reliability of Four AI Large Language Models in Orthodontic Knowledge Evaluation	Gabriel Eisenhuth	College of Dental Medicine, Roseman University, Utah, USA
4	Prevention of Melanoma growth and invasion by Lipophilic Vitamin B1 derivatives	Sarah Ngo & Nicholas Bleza	Noorda College of Osteopathic Medicine, Utah, USA

Poster Session

	Poster Number	Title	Presenter
	1	A Morphological Investigation of Alcohol-Induced Persister Formation	Isaac Young
	2	Vialinin A, a compound derived from edible mushrooms, acts as a preventive agent against ocular inflammation	Tori Spector
	3	Lipophilic thiamine derivatives prevent glioblastoma cells growth in culture.	Breauna Keane
	4	Phage Therapy: Potential Applications in Oral Health and Biofilm Control	Kyle Dahlmeier
	5	Vialinin A prevents breast cancer cell growth and invasion in vitro.	Afnan Khan
	6	The Role of Nutrient Deficiency in Persister Cell Formation- a Morphological Study	Ryan Newman
	7	Mushroom -derived antioxidant, Vialinin A, prevents brain cancer growth and invasion in vitro.	Chandu Goli
	8	Natural plant-based steroid compound, Laxogenin, prevents hyperglycemia-induced endothelial dysfunction	Alyssa Uribe
	9	Use of synthetic water-soluble KCC2 to modulate chloride homeostasis in cultured dopamine-neuron-like cells	Mason Terry
	10	Laxogenin prevents non-small cell lung cancer cell growth	Mitch Donadieu
	11	Cardamomin prevents LPS-induced cytotoxicity and arachidonic acid metabolism in macrophages.	Ahmad Amanulla, Areeb Shareef, Kota Ramana
	12	Persister Cell RNA Sequencing Project	Lamia Alam
	13	Chemopreventive Potential of a Mushroom-Derived Antioxidant in Inhibiting Pancreatic Cancer Growth	Davian Caraballo

	Poster Number	Title	Presenter
	14	A <i>Galleria mellonella</i> Study: Protective Effects of Sulforaphane on Immune Function in Binge Alcohol Exposure	Robert Darby
	15	Vialinin A prevents lipopolysaccharide-induced cytotoxicity of human dermal fibroblasts	Hou Yuan Huang
	16	A Survey of Medical Students' Knowledge of Skin Cancer and Sun Protection	Lindsey Humphrey
	17	Prevention of melanoma growth and invasion by lipophilic vitamin B1 derivatives	Sarah Ngo, Nicholas Bleza
	18	Potential Benefits of Vialinin-A on Doxorubicin-induced Endothelial cell toxicity.	Jive Jacob
	19	Psilocybin in Action: Serotonergic and Neurotrophic Synergy in Microglial Modulation	Salma Laabi
	20	An Antioxidant Derived from Edible mushrooms prevents Melanoma growth in vitro	Alexandria Vo
	21	Investigating Fetalgro EX as an Alternative to Fetal Bovine Serum in Supplementing Cell Culture Growth	Porter Fife
	22	Xylazine's Cytotoxic Effects on Central and Peripheral Tissues—Deciphering a Biphasic Expression	Amanda Ly
	23	Birthplace Affects Health: The Impact of Geographic Origins in the United States on Gut Microbiome Composition and Dementia Risk	Shirley Tawdros
	24	Lipophilic thiamine derivatives prevent bacterial endotoxin-induced cytotoxicity in human dermal fibroblasts.	Kaleb Maher
	25	Characterizing The Structural Interconnectedness of the Anterior Talofibular Ligament, Calcaneofibular Ligament, and Arciform Fibers	Neil Prakash
	26	Exploring the Therapeutic Potential of Resveratrol in Substance Use Disorders: A Systematic Review of its Effects on KCC2 Expression	Lauren Nelson

	Poster Number	Title	Presenter
	27	Exploring the Role of 3D-Printed Scaffolds in Periodontal Tissue Regeneration	Razi Jalali
	28	In-silico modeling and characterization of KCC2 protein interaction with a small molecule direct agonist identifies potential binding sites for modulating behaviors associated	William Ho
	29	Investigating Biomarkers of Anxiety Amelioration with Heterodyned Whole-Body Vibration using EEG.	Jaxson Bowen
	30	Drinking and Smoking: Alcohol and Nicotine's Immunologic Effects on Central and Peripheral Tissues in vitro	Nareck Nazarians
	31	The Correlation Between Temporomandibular Disorder (TMD) and Vitamin D Deficiency	Iris Kim
	32	Evaluation of seven commercially available DNA extraction kits for ocular tissues	Jakob Newton
	33	To investigate the effects of smokeless tobacco and affiliates on the epigenetic changes and biomarkers that play a role in tumor genesis	Saad Saeed
	34	Sustainable Smiles: Green Orthodontics for a Better Tomorrow	Arzu Manochehri
	35	Unraveling Physiologic Mechanisms in Passive and Active Mechanoreceptor Stimulation	Halah Khan
	36	Oral Cancer and the Impact of Glossectomy: Challenges and Pathways to Recovery	Merna Roman
	37	Gas Station Heroin: Tianeptine's Immunomodulatory Effects on Central and Peripheral Tissues in vitro	Saeed Salehi
	38	Evaluating Sexual Dimorphism in Foramen Magnum Dimensions: A CBCT Study	K Saidath
	39	A Literature Review on Advancements in Pharmacovigilance Through Utilization of Digital Health Platforms: Health Forum Data, NLP, and Patient Perspectives of Adverse Drug Reactions	Teja Reaves-McKee

	Poster Number	Title	Presenter
	40	Holistic Management of Glucose Dysregulation Mimicking Autoimmune Disease: Case Investigation	Jacob Warner
	41	Investigating the Metabolic Effects of Ultrasound-Induced Lipolysis	Jacob Warner-Palacio
	42	Assessing the Effects of Mouthguards and Jaw Clenching on Athletic Strength: A Scoping Review	Taylor Nguyen
	43	Visual Effects of Sodium Hypochlorite on Inflamed and Necrotic Pulp Tissue	Justina Gorgy
	44	Retrospective Analysis of Angiotensin Receptor Blockers and Knee Cartilage Volume in Osteoarthritis: Evidence from the Osteoarthritis Initiative	Parv Kale
	45	Autologous Particulate Dentin Grafts vs. Traditional Methods: A Scoping Review	Austin Walker
	46	Venous thromboembolism prophylaxis in orthopedic surgery: a narrative review	Jacob Lahti
	47	Effect of routine third trimester ultrasounds on maternal mental health in low-risk population in Utah	Priyanka Purohit
	48	Evaluating Workflow Efficiency: Two-Day Versus One-Day Pre-Planning in Outpatient Infusion Clinics	Amber Escobedo
	49	Innovations and Adaptations of Laparoscopic Surgery to Resource-Limited Settings in Low and Middle-Income Countries (LMIC's)	Nate Nyberg
	50	Characterization of Arciform Fibers in the Lateral Fibulotalocalcaneal Ligament Complex Using RNA Extraction and Immunohistochemical Analysis	Mashwiyat Mosharraf
	51	Effects of HVLA on Shoulder Mobilization and Baseball Pitch Velocity with DARI Motion Capture	Drew Mortensen
	52	A Literary Review of Physician Approaches to Patient Care: Implications for Cancer Care	Daniel Ramirez

	Poster Number	Title	Presenter
	53	Investigating the Impact of Tirzepatide Treatment on Alcohol and Cigarette Consumption	Yvannia Gray
	54	Exploring the relationship between self-reported anxiety, depression, and neurocognitive biomarkers in patients with substance use disorders	Patrick Tanner Brain
	55	Transcranial magnetic stimulation as a treatment modality for Functional Bowel Disorder and Irritable Bowel Syndrome and possible correlations with the Gut-Brain axis: A Review	Lauren Draper
	56	CAR-T Cell Therapy efficacy in treatment of refractory Myasthenia Gravis: A Systematic Literature Review	Jakob Lenthe
	57	Ophthalmologic Impacts of Anabolic-Androgenic Steroid Abuse: A Literature Review	Zane Kingsbury
	58	Is there a correlation between quantitative depression metrics when comparing pre-operative and post-operative cataract surgery with varying grades of cataracts?	Porter Biggs
	59	Physiological Biomarkers in Generalized Anxiety Disorder: Wearable Devices Integration	Jacob Warner
	60	Prevention of non-small cell lung cancer growth by mushroom-derived antioxidant	Aleeza Namit
	61	Identifying Breathing, Swallowing, and Speech Biosignatures in Parkinson's Disease Patients with Wearable Devices	Amanda Brandaris
	62	Neurocognitive Impacts of Migraine: Patterns, Phenotypes, and Potential Interventions	Kyle Reaveley
	63	Investigating the Effects of Resveratrol on Opioid-Induced Hyperalgesia	Keara LeRoy
	64	The Oral-Gut Microbiome Axis: Implications for Systemic and Oral Health	Sana Shariff
	65	Diagnostic accuracy of artificial intelligence models in detecting dental caries in photographs: A systematic review	Aasha Patel

	Poster Number	Title	Presenter
	66	Accuracy of 3D printed surgical splints in orthognathic surgery: A systematic revie	Aasha Patel
	67	Risk of interproximal contact loss in implant-supported prosthesis	Zainab Qazalbash
	68	Diagnostic accuracy of artificial intelligence models in detecting dental caries in photographs: A systematic review	Alia Chaudhry
	69	Evaluating the Effects of Injectable Platelet-Rich Fibrin on Accelerating Orthodontic Tooth Retraction: A Randomized Clinical Study	Gabriel Eisenhuth
	70	Treatment approaches for immediate implant placement in infected site: a narrative review	Urwa Asad
	71	Intraocular Pressure Changes Associated with Psychological Stress or Anxiety in Both Healthy and Glaucoma-Diagnosed Patients	Triston Crook
	72	Advancing Dental Education Through Technological Integration: Opportunities and Challenges	Jazmine Gill
	73	Managing Extrinsic Stains in Primary Teeth: Causes and Solutions	Himani Patel
	74	Evaluating the Role of Vitamin D3 in Enhancing Post-Orthodontic Stability: A Randomized Controlled Study	Sebastian Eisenhuth
	75	Accessories and Bifurcations: A Cadaveric Case Study of Unilateral Accessory Renal Arteries	Jared Salehi
	76	Beneath the Surface: A Deep Dive into Jaw Osteomyelitis	MaraLee Egan
	77	Myofunctional Arch Development in Primary and Mixed Dentition: A Literature Review	Mason Mullaney
	78	Comparing the Efficacy of OMT for Somatic Dysfunction Versus the Spencer Technique Targeting the Glenohumeral Joint in Improving Shoulder ROM	James Barber

	Poster Number	Title	Presenter
	79	A Comparative Look at Current Clavicle ORIF Recovery Timeline	Eric Demro
	80	Effect of multiple application of chlorhexidine chips in peri-implantitis treatment: A systematic review	Kirollos Semaary
	81	Anxiety Reduction in Autism Spectrum Disorder Using Novel Deep-Pressure Cutaneous Stimulation Therapy	Aaron Andrews
	82	Delayed Clinical Presentation with Testicular Masses, a Literature Review.	Luke Ramirez
	83	Clinical Effectiveness of Biodentine in Adult Pulpotomy Procedures: A Systematic Review	Aditya Deshpande
	84	Comparison of Fitzpatrick Skin Type Methodologies and Photographic Skin Color Assessment	Sarah Siddiqui
	85	Zooming In: How Magnification Shapes Dental Students' Posture	Andres Soto
	86	Title: The effect of using platelet-rich fibrin with an iliac crest bone graft on alveolar bone formation: A systematic review	Sonia Sabu
	87	The Impact of Nicotine Pouches on Oral Health	Manas Mandal
	88	Glycemic Variability and Migraine: New Insights from Glucose Monitoring	Christina Nelson
	89	Relationship between the oral microbiome and respiratory diseases.	Rosalia Perez Ramos
	90	Comparing Recovery Outcomes of ACL Reconstructive Surgery in Patients with and without Sports Psychology Support	Malak Rafik
	91	External Apical Root Resorption in Orthodontics	Morgan Mecham

	Poster Number	Title	Presenter
	92	A Systematic Review of Recent Developments in Platelet-Rich Plasma Therapy in Hip Osteoarthritis: Variability in Protocols and Clinical Outcomes (2019–2024)	Emily Awdish
	93	Investigating Comorbidities and Heritability of Chronic Intractable Migraine with Reactive Hypoglycemia	Stella Santa Ana
	94	Unraveling the Connection Between Periodontitis and Urinary Tract Infections	Ali Shariff
	95	A Comprehensive Literature Review on the Efficacy, Safety, and Applications of Stannous Fluoride in Oral Health	Roger Xu
	96	A Systematic Review of Persisting Tissue Health Challenges Amid Insulin Delivery System Advancements: Continuous Subcutaneous Insulin Infusion (CSII) and Lipohypertrophy in	Marlena Muszynska
	97	Accessibility of pharmacists who can prescribe hormonal birth control can lessen the burden felt by the increasing shortage of OB-GYNs in major metropolitan areas.	Aleese Palfreyman
	98	"Impact of Nicotine Pouches on Oral Health: A Comprehensive Analysis"	Andrew Gallos
	99	Enhancing Pediatric Endodontic Care: Analyzing Referral Patterns for Root Canal Therapy and Utilization of Vital Pulp Therapy	Jacob Marx
	100	Timing of Treatment for Patients with Enlarged Maxillary Labial Frenums	Veronica Marr
	101	Dysbiosis of the Oral Microbiome and Pathophysiology of Pregnancy Complications	Jiselle Cornejo
	102	Anesthesia and Pain Management in Conflict-Affected Regions: Addressing Global Health Barriers to Access and Quality of Care.	Naeel Uddin
	103	Efficacy of Osteoporosis Education in Rural Populations	Serin Baker
	104	Periodontal Disease Associated with Smoking: A Literature Review	Kamran Awan

	Poster Number	Title	Presenter
	105	Exploring the Potential of Oncolytic Viruses as a Novel Therapeutic Approach for Breast Cancer Treatment	Renad Alsayyad
	106	Geothermal Microbial Ecosystems: Decoding the Bacteriome of Utah's Fifth Water Hot Springs	Ethan Powers
	107	Effects of Lifestyle, Sense of Belonging, and Frame of Mind on Happiness: A Correlational Study on Roseman Healthcare Students	Sana Sediqi
	108	Evidence of Poor Oral Health for Individuals with Cardiovascular Disease.	Maya Dagher
	109	The Opportunities and Barriers Surrounding the Use of Digital Health and Telemedicine in Sub-Saharan Africa	Aveline Langmead
	110	Assessing the Impact of HPV Vaccination on Reducing Oral Cancer Incidence in Males: A Public Health Perspective	Semi Lee
	111	Trends in Graduate Students' Physical Health Throughout Training	Nick Hill
	112	Task-Shifting and Task-Sharing in Low and Middle-Income Countries (LMIC's): Impact on Surgical Outcomes and Global Healthcare Delivery	Nate Nyberg
	113	Blunt and Penetrating Trauma in Resource-Limited Settings: Challenges, Innovations, and Opportunities for Improvement	Tallon Muhlestein
	114	Aspartame: Is it Truly Safe for Human Consumption?	Zachary Bernstein
	115	Insurance and IOL Selection: A Case for Reevaluating Toric IOL Premium Designation Status in Astigmatic Cataract Patients	Conrad Ashby
	116	Impact of Drug Addiction on Oral Health: Unveiling the Link Between Substance Abuse	Rahi Patel
	117	E-cigarettes and Oral Health: A New Risk for Caries Development	Andrew Duplant

	Poster Number	Title	Presenter
	118	How Dental Phobia Affects Oral Health Related Quality of Life	Mahak Sargodhia
	119	Current Concepts of Prenatal Dental Care: a narrative review	Adam Lawlor
	120	The Role of Artificial Intelligence in Conservative Dentistry and Endodontics	Keerthana Kesavalu Krishnamurthy
	121	Remuneration practices for accredited PGY1 clinical pharmacy Residency programs across the United States	Scott Petersen
	122	Dental Trauma in the Sport of Baseball – A Scoping Review	Ryann Glenn
	123	Xeroderma Pigmentosum: A Review of Non-Classical Symptoms	Parker Feltner
	124	Acute Care for Elders Unit Implementation at Banner Health: A Quality Improvement Analysis	Jacob Lahti
	125	A Narrative Review of Barriers to Utilization of Surgical Risk Assessment Calculators	Jacob Lahti
	126	Enhancing Periodontal Therapy with Non-Invasive Adjunctive Techniques	Stockton Stohl
	127	Exploring ACGME-accredited Electrophysiology Fellowship Website Information Using ERAS	Lorissa Thorpe
	128	Laxogenin, a plant-based natural steroidal compound, prevents colon cancer growth	Desiree Gonzalez
	129	Identifying Barriers to Effective Clinical Decision Support Use in Preventing Medical Errors: The Pharmacy's Perspective	Jonathan Stoliker
	130	Effectiveness of blended learning approach in Oral Pathology in undergraduate dental curricula: A Systematic Review	Christopher Orellana

	Poster Number	Title	Presenter
	131	Educating Medical Students in Sleep, Diet, and Exercise to Determine Effects on Their Treatment Plan Development for Future Patients	Paul Jackson
	132	Effectiveness of test-enhanced learning in undergraduate dental education: a systematic review	Taroniar Sevathas
	133	4-D Printing In Orthodontics	IBRAHIM ZEITOUN
	134	Does Experience Boost Orthodontic Bonding Accuracy? A Systematic Review	Quinten Ashton
	135	Temporary Anchorage Devices: The Cornerstone of Precision in Orthodontics	Aman Kaur
	136	Comparative Analysis of Performance and Reliability of Four AI Large Language Models in Orthodontic Knowledge Evaluation	Gabriel Eisenhuth
	137	Enhancing Learning in Restorative Dentistry and Endodontics: A Systematic Review of Blended Educational Methods	Kendall Morrison
	138	Cemental Tear-Case series with literature review on treatment modalities	Reji Mathew
	139	Understanding Quality of Life Impacts of Hepatitis Delta Virus	Asnia Rafiq
	140	Silver Diamine Fluoride and Oral Health Equity: Clinical and Public Health Perspectives	Rheannon Ainsworth
	141	Analysis of Female Oral Contraceptive (OC) on Adult Oral Health	Kertiandra Ginting
	142	RAGE Signaling in Smoke-Induced Chronic Sinusitis: Inflammation and Therapeutic Targets	Logan Ponder
	143	Nicotine-Driven Modulation of mTOR Pathway in Oral Squamous Cell Carcinoma: A Cell-Specific Response to E-Cig Vapor Exposure	Kristina Vu
	144	The Impact of Electronic Cigarette Vapor and Cigarette Smoke on Oral Squamous Cell Carcinoma Invasion and Inflammation	Neha Patel

	Poster Number	Title	Presenter
	145	Dental pulp-derived stem cells applied for tissue rehabilitation could increase the risk of recurrence in oral cancer patients: Evidence from In-vitro analysis.	Thirumal Raj
	146	Physicochemical properties and bacterial adhesion of conventional and 3D printed complete denture PMMA materials: An in vitro study – Part 1	Ziad Salameh
	147	Evaluation of bond Strength in 3D Printed, milled, and conventional complete denture PMMA materials: an in vitro study - Part 2	Ziad Salameh
	148	Evaluation of Antimicrobial and In vitro Cytotoxic Effects of <i>Myristica fragrans</i> against Human Cancer Cell lines	SIVAKAMAVALLI JEYACHANDRAN
	149	A Nano-CT Investigation of Preheated Resin Composites: Effects on Voids, Adaptation, and Polymerization Shrinkage	Venkata Suresh Venkataiah
	150	Computational Discovery of Molecular Markers for Collagen Degradation and Bone Resorption Pathophysiology in Gingivitis and Periodontitis Conditions	Jency Roshni
	151	Comprehensive Transcriptomic Analysis Identifies Critical Therapeutic Target in Oral Squamous Cell Carcinoma	Ashok Kumar
	152	Targeting Extracellular Matrix-Associated Molecules in Oral Squamous Cell Carcinoma: A Comprehensive Bioinformatics Approach for therapy and Diagnosis	Mahema. S
	153	Integrative Transcriptomic and Metabolic Profiling of OSCC and <i>Candida albicans</i> : Toward Targeted Interventions	Akhila L
	154	Gingerol enhances osteogenic/odontogenic differentiation of dental pulp stem cells impaired by oxidative stress via the wnt/ β -catenin pathway	Jagadish Hosmani
	155	Accuracy of complete-arch intraoral digital implant impression with scan body splinting: A randomized in vitro trial	Lorenzo Arcuri
	156	Evaluation of Nasal Airway Volume In Adults after Maxillary Expansion with Clear Aligner	Omar Badavi
	157	Impact of Smoking and Drinking Habits on Lipid Profiles in Diabetic and Non-Diabetic Individuals & Their Oral Implications	Dinraj Kulkarni
	158	Insights into Mesiodistal Tooth Alignment in Angle Class I & II Malocclusions via Panoramic Radiographs	McQueen Mendonca

	Poster Number	Title	Presenter
	159	Enhancing Orthodontic Treatment Outcomes Using Low-Intensity Pulsed Ultrasound (LIPUS) with Clear Aligners	Mohsen Gholizadeh
	160	Efficacy of Biodegradable Natural fibers-Infused Toothbrushes in Plaque Control and Gingival Health: A Comparative Study	Dr Shazneen Kandawalla
	161	Orthodontic Correction of Bimaxillary Protrusion Using MBT and Frictionless Retraction: A case report	Menta Sai Kalyan
	162	Bridging the Gap: Miniscrew-Assisted Palatal Expansion in a Non-Growing Patient: A Clinical Case Report	Jacob Thomas
	163	Bibliometric Analysis of Long Non-Coding RNAs as Emerging Biomarkers in Cardiovascular Disease: Trends and Key Contributors	ARTHI SRI ANANDHI SEKAR
	164	Cucumis melo. L – An Oral Wellness Oasis for the Prevention and Remineralisation of White Spot	Gokilla Priya Murugan
	165	Evaluation of Platelet Rich Fibrin with Biodentine in Direct Pulp Therapy of Permanent teeth - An In Vivo Study	Rhea Mathew
	166	Development and Characterization of a Local Drug Delivery System for Endodontic Disinfection and Regeneration	Anu Elsa Swaroop
	167	Assessment of root and canal morphology of permanent mandibular first molar: a cone beam computed tomographic study	Shruthika Mahajan
	168	Formulation and Characterization of a Novel Pulp Capping Agent: An In-Vitro Study	Nivaskumar. G. A.
	169	Effect of concentrated growth factor on the rate of orthodontic tooth movement in patients undergoing fixed appliance therapy: an in vivo study	Bhavana Balamurugan
	170	Comparative evaluation of post treatment stability during orthodontic retention using lingual bonded retainers versus lingual bonded retainers coupled with thermoformed retainers	Meenakshi Jawaharlal
	171	The chair side Forsus Appliance: A Novel Approach to Correcting Class II Malocclusions in Adolescents	THIAGASIRPI. M
	172	Orthodontic Monitoring System Through Intraoral Imaging: An Observational Study	DHANUSH. S

	Poster Number	Title	Presenter
	173	Mini Maxillary Protraction Appliance – A case report	Karthick. P
	174	Temporary Anchorage Devices (TADs) as a Novel Approach to Correct Anterior Open Bite (AOB) - A Case Series	Arunkumar. R
	175	Clinical Efficacy of various Molar Distalization Appliance to correct Class II Malocclusions: A Case Series	MANOJKUMAR. S. R.
	176	SURGERY FIRST ORTHOGNATHIC APPROACH (SFOA)- A CASE REPORT OF CLASS 3 ORTHOGNATHIC SURGERY PATIENT	ARULANTONY. W
	177	Digital Dentures: The Future of Prosthodontics	Dr. Rhea Titus
	178	Dental implants in patients with ectodermal dysplasia: a computer guided quad zygomatic	Lorenzo Arcuri
	179	MMP-13 Levels in Gingival Crevicular Fluid: A Comparative Study of Clear Aligners and Fixed Orthodontic Therapy	Dr. RAVI. M. S.
	180	Correlation Between Prevalence and Severity of Periodontitis Among Patients Undergoing Dialysis in Aseer	Shahabe Saquib Abullais
	181	Innovative biomimetic coating over implant surface	Puja Hazare
	182	Knowledge, Attitude and Practice of Oral Hygiene among Nursing Staff in Pediatric Care Hospitals in Riyadh, Saudi Arabia- A Cross-Sectional Study	Dr Sanjeev B. Khanagar
	183	"Trends, Key Contributors, and Emerging Research Areas in Prosthodontics in India: A Bibliometric Analysis (2015–2024)"	Parth Raj Shukla
	184	Alteration of Fit in Soft Milled Cobalt-Chromium and Zirconia Fixed Dental Prostheses After Ceramic Veneering	Elie Daou
	185	Tandem Traction Appliance – A Case Report	Vishwa Ramesh

	Poster Number	Title	Presenter
	186	Demystifying Complexity	Anandhan. P
	187	Effect of Biomineralizing Bulk Fill Restoratives on the Functional Properties of Occlusomesial Restorations Invitro.	Vinothkumar Thilla Sekar
	188	"Antimicrobial Effects of Silver and Selenium Nanoparticle Coatings on Orthodontic Mini-Implants: A Comparative Analysis"	Harshini. S. J.
	189	Role of Artificial Intelligence and Machine Learning Algorithms in Diagnosis of Oral Cancer and Oral Potentially Malignant Disorders Based on Clinicopathological Image Analysis	Aastha Lal
	190	Innovative Molecular Approaches in Exfoliative Cytology for Diagnosis of Oral Cancer and Oral Potentially Malignant Disorders: A Systematic Review	Dominic Augustine
	191	Comparative Cyto-morphometric Evaluation of Conventional Cytology and Brush Biopsy in the Diagnosis of Oral Squamous Cell Carcinoma -A Cross-sectional Study	Kuntala Mondal
	192	Unveiling Fungal Imprints: Jones' Methenamine Silver Stain as a Key to Diagnosis.	Sowmya. S. V.
	193	Automated Detection of Dental Crowns, Fillings, Endodontic Posts, and Implants in Radiographs Using YOLOv10	Zohaib Khurshid



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