




28th Indian Orthodontic Society Postgraduate Convention 2025

"Digital Revolution with Sustainable Orthodontics"

Host: Manav Rachna Dental College, SDS, Manav Rachna International
Institute of Research and Studies

 20th February to 23rd February 2025

 Manav Rachna Dental College, SDS, Manav Rachna International
Institute of Research and Studies, Faridabad, Delhi NCR, India-121004

**PRESENTATION
SCHEDULE**

STUDENTS COMPETITIVE POSTER PRESENTATION

COMPETITIVE POSTER PRESENTATION - RESEARCH CATEGORY

21st FEB 2025
MOYERS HALL (TG 18)

S.NO	TIME	REG. NO.	CODE	TITLE
1	9:00AM	97	POSCR002	Relationship between Mandibular third molar impaction and different skeletal facial types: an invitro study
2	9:06 AM	98	POSCR003	Prevalence and distribution of hypodontia in permanent dentition and their influence on orthodontic treatment planning in Konaseema population.
3	9:12 AM	240	POSCR004	Unlocking the maxillary molar distal movement: The role of aligner thicknesses a 3-D FEA
4	9:18 AM	244	POSCR005	Archwire slot play
5	9:24 AM	265	POSCR006	Evaluating the Impact of Shell Thickness and Orientation on the Accuracy and Material Efficiency of 3D-Printed Dental Models
6	9:30 AM	271	POSCR007	Association of Skeletal and Soft Tissue Facial Profile in Individuals with Varying BMI Levels – An Original research
7	9:36 AM	298	POSCR008	"Effectiveness of Laser Etching and Hydrofluoric Acid Gel in Bonding Orthodontic Brackets to Porcelain Crowns: A Shear Bond Strength Comparison"
8	9:42 AM	337	POSCR009	"Evaluating the Effect of Peppermint Oil, Glutathione, and Lemon Essential Oil on Bonding Strength in Ceramic Brackets"- An Original Research
9	9:48 AM	392	POSCR011	TRANSFORMING ORTHODONTIC OUTCOMES ; A CLINICAL EXPLORATION OF LOW LEVEL LASER THERAPY AND MICRO- OSTEOPERFORATION FOR RAPID TOOTH MOVEMENT
10	9:54AM	397	POSCR012	The Clear Choice: A Survey of Insights into Aligner Treatment Practice among Orthodontists in Central India.
11	10:00 AM	427	POSCR013	CLEAR ALIGNER ATTACHMENTS : TYPES AND FUNCTION
12	10:06 AM	448	POSCR014	Comparative Evaluation of Lower Incisor Intrusion Using Conventional vs. Frog Staging Intrusion Protocol in Clear Aligners: A Three-Dimensional Finite Element Analysis
13	10:12 AM	466	POSCR015	Pink esthetic score evaluation of gingival esthetics in pre and post orthodontic treatment
14	10:18 AM	526	POSCR016	PRECISION WITH SIMPLICITY : MULTIPURPOSE BRACKET POSITIONING TOOL(MBP)
15	10:24 AM	575	POSCR017	Consequential effect on condyle in various malocclusions – A Retrospective study
16	10:30 AM	654	POSCR018	Illuminating Insights, Simplifying Complexity

17	10:36 AM	751	POSCR019	Evaluation and Correlation of Salivary Bone Specific Alkaline Phosphatase Level with Skeletal Age
18	10:42 AM	800	POSCR020	DOES THE DAMON SYSTEM ADHERE TO THE WALA RIDGE?
19	10:48 AM	831	POSCR021	Comparison of stress distribution between conventional and customized attachments during extrusion of a lateral incisor: a fem study
20	10:54 AM	856	POSCR022	UNDERSTANDING PATIENT PERCEPTION AND SATISFACTION IN CLEAR ALIGNER ORTHODONTIC THERAPY: A CROSS-SECTIONAL STUDY
21	11:00 AM	906	POSCR023	Influence of advertisements on public and general dental practioners - Questionnaire study
22	11:06 AM	939	POSCR024	Incidence and Prevalence of Lateral Incisor Anomalies: A Cross-Sectional Study
23	11:12 AM	965	POSCR025	From Clear to Colour: The Breakthrough of Direct Printing and Staining
24	11:18 AM	967	POSCR026	DETERMINATION OF NORMAL MAXILLARY TRANSVERSE DIMENSION BY USING INTERCANINE WIDTH AND INTER 1st PERMANENT MOLAR WIDTH
25	11:24 AM	970	POSCR027	EVALUATION OF ORAL HYGIENE MAINTANANCE IN FIXED ORTHODONTIC APPLIANCE VERSUS ALIGNER PATIENTS
	11:30 AM - 1:00PM	BREAK		
26	1:00PM	971	POSCR028	THE STEPS TO INVISIBLE WAY
27	1:06 PM	979	POSCR029	POCT – A NON-INVASIVE METHOD FOR ACCESSING SALIVARY BIOMARKERS IN DIAGNOSIS & TREATMENT PLAN OF ORTHODONTIC PATIENTS
28	1:12 PM	1186	POSCR039	COMPARATIVE EVALUATION OF FRACTURE RESISTANCE OF DIFFERENT ORTHODONTIC IMPLANTS OF VARIOUS DIAMETERS AND MATERIALS
29	1:18 PM	1069	POSCR030	Mesenchymal Stem Cell-derived Exosomes: A Game-Changer for Orthodontic Therapy
30	1:24 PM	1075	POSCR031	IMPERFECTLY PERFECT
31	1:30 PM	1077	POSCR032	Accelerated Orthodontics with Piezocision
32	1:36 PM	1080	POSCR033	The MARPE effect: A study of soft tissue and airway changes
33	1:42 PM	1107	POSCR034	EXTENSION PLATE ; A BOON IN TAD ERA
34	1:48 PM	1109	POSCR035	Composite Bite Block - An Indigenous, Simple, Fixed Class II Corrector
35	1:54 PM	1112	POSCR036	Comparison of dentoalveolar height and central incisor inclination in maxilla and mandible among different facial growth pattern individual in vertical plane in Indian population
36	2:00 PM		POSCR037	Nanothreads: Revolutionising Orthodontic Treatment
37	2:06 PM	1180	POSCR038	A COMPARISION OF MEAN SHEAR BOND STRENGTH OF MOLAR TUBES BONDED USING THREE DIFFERENT BONDING MATERIALS –AN IN VITRO COMPARATIVE STUDY
38	2:12 PM	1189	POSCR040	DAMON BRACKETS VS. DAMON ARCH WIRES: IDENTIFYING THE TRUE CONTRIBUTOR TO MANDIBULAR ARCH EXPANSION -A RETROSPECTIVE STUDY
39	2:18 PM		POSCR041	ESTIMATION OF GROWTH WITH THE HELP OF ARTIFICIAL INTELLIGENCE
40	2:24 PM	1430	POSCR042	“BENDING THE COMPETITION: A COMPARATIVE ANALYSIS OF MECHANICAL PROPERTIES OF 3 ALIGNERS”

41	2:30 PM	1539	POSCR043	LOW LEVEL LASER THERAPY ADJUNCT TO INVISIBLE REMOVAL ALIGNERS
42	2:36 PM	1843	POSCR044	Understanding Subdivision malocclusion: presence of facial asymmetry its perception and correlation with habits
43	2:42 PM	1859	POSCR045	MITIGATING GINGIVAL INVAGINATION : THE i-PRF ADVANTAGE
44	2:48 PM	1905	POSCR047	Saddle Angle and its Relationship with Different Sagittal Skeletal Patterns :A Cephalometric Study
45	2:54 PM	1903	POSCR046	Evaluating the Impact of Aligner Attachment Design on the Efficacy of Orthodontic Treatment- A systematic review
46	3:00 PM	1934	POSCR048	Comparison of achieved and predicted tooth movement in four premolar extraction in adult
47	3:06 PM	1980	POSCR049	Analysis of Bracket Slot and Archwire Dimensions in Various Self-Ligating Brackets: An In Vitro Study
48	3:12 PM	1981	POSCR050	PREDICTION OF TORQUE EXPRESSION OF UPPER CENTRAL INCISOR USING DIFFERENT ATTACHMENT SYSTEMS IN CLEAR ALIGNERS - A FEM STUDY
49	3:18 PM	2075	POSCR051	Assessment of microleakage of orthodontic bands cement at CEJ and Cement-band interface
50	3:24 PM	2077	POSCR052	EFFECT OF DIFFERENT MOUTHWASHES ON BISPHENOL-A (BPA) RELEASE FROM CLEAR ALIGNER MATERIAL USING HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY: AN IN VITRO STUDY

COMPETITIVE POSTER PRESENTATION - GENERAL CATEGORY

21st FEB 2025				
BURSTONE HALL (TG 19)				
S.NO	TIME	REG. NO.	CODE	TITLE
1	9:00AM	1502	POSCG359	The Estrogen Equation: It's role in optimising Orthodontic treatment
2	9:06 AM	1703	POSCG398	Nano-orthodontics - A new face of dentistry
3	9:12 AM	2056	POSCG469	Evidence Based Comparative evaluation of efficacy of different Orthodontic Appliances for the management of Obstructive Sleep Apnea in growing individuals: A literature review
4	9:18 AM	456	POSCG065	FIXED RETAINER : A PEEK INTO THE FUTURE
5	9:24 AM	2064	POSCG473	MANDIBULAR ADVANCEMENT WITH CLEAR ALIGNERS : AN ASSET OVER TRADITIONAL TWIN BLOCK .
6	9:30 AM	1525	POSCG364	DECODING AI RESEARCH : A GUIDE FOR ORTHODONTIC RESIDENTS
7	9:36 AM	1860	POSCG433	THE INVISIBLE IMPACT: MICROPLASTICS FROM CLEAR ALIGNERS
8	9:42 AM	1926	POSCG445	Mandibular advancement devices - A novel aid for managing OSA
9	9:48 AM	538	POSCG100	Aligners with Memory : Beauty with Brain
10	9:54AM	680	POSCG139	3D Real Time Force And Moment Tracking- The Smart Brackets
11	10:00 AM	1516	POSCG363	VIRTUAL BRACKET REMOVAL
12	10:06 AM	1545	POSCG368	SENSORS IN ORTHODONTICS
13	10:12 AM	2019	POSCG462	PERSONALIZED AND ECOFRIENDLY ORTHODONTICS - AN INTEGRATIVE APPROACH
14	10:18 AM	2033	POSCG465	AI DRIVRN INDEPENDENT TOOTH MOVER : BRAVA APPLIANCE
15	10:24 AM	391	POSCG056	Recycling in Clear aligners
16	10:30 AM	429	POSCG058	AI in Orthodontics: Bridging technology and perfect smiles
17	10:36 AM	1548	POSCG370	Beyond the Bite : Treating Breathing Disorders with Orthodontics
18	10:42 AM	1695	POSCG395	Augmented reality: revolutionizing bracket positioning in orthodontics
19	10:48 AM	498	POSCG081	Aligner Disposal & Recycling: Paving the Way for Eco-Friendly Orthodontics
20	10:54 AM	677	POSCG138	The Nano-Shift: Changing orthodontics at atomic level
21	11:00 AM	1810	POSCG423	Cytotoxicity in 3D printed materials
22	11:06 AM	1842	POSCG430	Mini implant assisted correction of iatrogenic lip and occlusal cant.
23	11:12 AM	1979	POSCG456	ORTHODONTICS MEETS NANOTECHNOLOGY : A perfect alignment
24	11:18 AM	TR 9995	POSCG481	LIPUS (low intensity pulsed ultrasound) for rapid orthodontic tooth movement

25	11:24 AM	468	POSCG069	SEALED TO SUCCESS: "Modern Adhesives in WSL Management"
	11:30 AM - 1:00PM	BREAK		
26	1:00PM	481	POSCG071	Tech meets Sleep - Diagnosing Obstructive Sleep Apnea (OSA) with Apps
27	1:06 PM	525	POSCG091	Tailored Smiles: 3D-Printed Orthodontics
28	1:12 PM	601	POSCG114	Revolutionizing Orthodontics: Types of Digital Planning Software
29	1:18 PM	605	POSCG117	From Digital Planning to Clinical Results: The Effectiveness and Predictability of Orthodontic Clear Aligners: Review Poster
30	1:24 PM	1586	POSCG376	Revolutionizing smiles : AI powered orthodontics for the modern era
31	1:30 PM	1676	POSCG392	Maxillary Tuberosity: A Critical Factor in Molar Distalization Success
32	1:36 PM	1889	POSCG442	AI : Above Imagination Orthodontics At Its Peak
33	1:42 PM	1942	POSCG447	3D Imaging vs. Conventional Radiographs: Improved diagnostic accuracy
34	1:48 PM	1952	POSCG450	ROBOTICS IN ORTHODONTICS
35	1:54 PM	2058	POSCG470	Evidence Based Analytical Evaluation of Different Surgical Methods for Accelerating Orthodontic Tooth Movement: A Literature Review
36	2:00 PM	330	POSCG047	STRUCTURING ORTHODONTIC SUCCESS FOR ADHD TEENS
37	2:06 PM	646	POSCG126	ARTIFICIAL INTELLIGENCE IN ORTHODONTICS
38	2:12 PM	730	POSCG158	Bridging The Gap: Orthodontic Perspective on Velopharyngeal Insufficiency in Cleft Lip and Palate
39	2:18 PM	763	POSCG167	OrthoBots: The Next Generation of Orthodontic Treatment
40	2:24 PM	1479	POSCG356	AI in Orthodontics
41	2:30 PM	1514	POSCG362	MSE: Redefining Skeletal Expansion for Adults
42	2:36 PM	1631	POSCG382	AI-Driven Orthodontics: Enhancing Precision and Personalisation in Orthodontics
43	2:42 PM	1715	POSCG403	DISTALIZATION DECODED : NAVIGATING RETROMOLAR ANATOMY WITH PRECISION CBCT
44	2:48 PM	1813	POSCG425	Green Braces: Paving the Way for Sustainable Orthodontics
45	2:54 PM	1851	POSCG431	Smile Enrichment: 3D Smile Designing
46	3:00 PM	1863	POSCG434	DIGITAL ORTHODONTIC MODEL: A Boon for Orthodontics
47	3:06 PM	1875	POSCG440	Integration of AI in Orthodontics
48	3:12 PM	1938	POSCG446	OCCLUSAL SPLINTS: A DIAGNOSTIC TOOL FOR TEMPOROMANDIBULAR DISORDERS
49	3:18 PM	2090	POSCG477	MANAGEMENT OF WHITE SCARS (WSLs)
50	3:24 PM	489	POSCG074	Digital Twins: Pioneering Personalized Orthodontics

COMPETITIVE POSTER PRESENTATION - CLINICAL CATEGORY

**21st FEB 2025
PROFITT HALL (TG 23)**

S.NO	TIME	REG. NO.	CODE	TITLE
1	9:00AM	181	POSCC012	Complete Mandibular Arch Distalization Using Extralveolar Anchorage in Skeletal Class III Patients
2	9:06 AM	150	POSCC010	TAD DILEMMA – FAILURES DECODED
3	9:12 AM	200	POSCC015	TREATMENT OF GUMMY SMILE USING BILATERAL MINISCREWS : CASE REPORT
4	9:18 AM	900	POSCC036	Balancing Gums and Grins: Multidisciplinary Management of Gummy Smile
5	9:24 AM	306	POSCC017	Precision Perfected with 3D Canine Loop and S-TAR Loop
6	9:30 AM	187	POSCC013	MANAGEMENT OF BILATERAL PALATALLY IMPACTED CANINES – A CASE REPORT
7	9:36 AM	821	POSCC033	Bilateral scissor bite correction using palatal TADs.
8	9:42 AM	888	POSCC035	The Future of Solving Yesterday (Advancing Orthodontics with CAD/CAM and INVISALIGN)
9	9:48 AM	5	POSCC004	MICROSCOPIC MARVELS : NANO INNOVATIONS SHAPING THE FUTURE OF ORTHODONTICS
10	9:54AM	194	POSCC014	Expanding the envelop of discrepancy by IZC
11	10:00 AM	566	POSCC023	Precision Nasal Molding with RAS
12	10:06 AM	148	POSCC009	FORCE MEETS FUNCTION – EXPLORING HEAD GEAR DYNAMICS
13	10:12 AM	744	POSCC029	A normal synergy in time to save time
14	10:18 AM	128	POSCC008	Face Mask Therapy: An Early Intervention for Class III Malocclusion
15	10:24 AM	875	POSCC034	OPTIMIZING ORTHODONTIC TREATMENT WITH SENSOR TECHNOLOGY
16	10:30 AM	370	POSCC020	ENVELOPE OF FUNCTION-CHALLENGES TO BE SOLVED
17	10:36 AM	741	POSCC028	DUAL ACTION DYNAMICS, A CLINICAL APPROACH
18	10:42 AM	983	POSCC037	3-Dimensional Printing of NAM Appliances
19	10:48 AM	23	POSCC006	THE PENDULUM APPLIANCE : CREATING THE GAIN!
20	10:54 AM	1030	POSCC042	Rewiring Pain: Innovative Neuromodulation in Orthodontic Pain Management "
21	11:00 AM	1515	POSCC062	"MARPE Redesigned: Pioneering Designs for Smarter Expansion"
22	11:06 AM	3	POSCC002	"Light Your Way to A Perfect Smile - Photobiomodulation Insights"
23	11:12 AM	699	POSCC026	Straightening the Facts About Orthodontic Malpractice in India: A Bad Pea on a Pod
24	11:18 AM	1007	POSCC039	Accelerated orthodontics
25	11:24 AM	644	POSCC024	3D-ANALYSIS SOFTWARES IN ORTHODONTICS
	11:30 AM - 1:00PM			BREAK
26	1:00PM	689	POSCC025	Title: Riding Pontic: Bridging Gaps for Perfecting Smiles

27	1:06 PM	808	POSCC032	ACCELERATED ORTHODONTICS
28	1:12 PM	1016	POSCC040	3D printers in orthodontics
29	1:18 PM	28	POSCC007	TREATMENT OF ANGLE'S CLASS II DIVISION 2 MALOCCLUSION PATTERN USING PROTRACTION UTILITY ARCH : A CLINICAL CASE
30	1:24 PM	1365	POSCC058	CANINE CONUNDRUM:UNCOVERING PALATALLY IMPACTED MAXILLARY CANINE
31	1:30 PM	6	POSCC005	"A Century of Orthodontic Progress "- Innovations in Orthodontic Diagnosis
32	1:36 PM	285	POSCC016	"I Have One Chromosome More Than You... So What?"
33	1:42 PM	326	POSCC018	EVALUATION AND COMPARISON OF RATE OF ORTHODONTIC TOOTH MOVEMENT DURING CANINE RETRACTION USING PIEZOCISION AND MICRO-OSTEOPERFORATION: A SPLIT MOUTH RANDOMIZED CONTROL TRIAL – AN IN VIVO STUDY
34	1:48 PM	335	POSCC019	Digital smile design
35	1:54 PM	517	POSCC022	Unilateral Extractions In Orthodontics.
36	2:00 PM	1302	POSCC057	MARPE- CAPITULUM QUINTUM FOR TRANSVERSE PROBLEMS
37	2:06 PM	4	POSCC003	"FROM TRADITIONAL TO DIGITAL: EXPLORING NEW FRONTIERS IN ORTHODONTICS"
38	2:12 PM	163	POSCC011	From heavy metals to invisible braces: Evolution of fixed orthodontics
39	2:18 PM	770	POSCC030	"Catch 'em Young: Preventive and Interceptive Orthodontics for Open Bite in Pre-adolescents"
40	2:24 PM	775	POSCC031	"From Tension to Alignment: Muscles and Class II Division 1 Malocclusion"
41	2:30 PM	1035	POSCC043	Mini implant assisted intrusion with clear aligner therapy
42	2:36 PM	1424	POSCC059	CLEAR ALIGNER ATTACHMENTS: WEAR WITH WEAR
43	2:42 PM	1470	POSCC060	Wire syndrome: an unexpected complication in orthodontic retention
44	2:48 PM	1904	POSCC074	Management of severe transverse discrepancy and severe crowding using Mini-Screw Assisted Rapid Maxillary Expansion (MARPE)
45	2:54 PM	1	POSCC001	The Power Of Early Intervention: Orthodontics For Growing Patients
46	3:00 PM	734	POSCC027	FUTURE TRENDS IN ORTHODONTICS
47	3:06 PM	1125	POSCC045	Pitch Fixed, Yaw Aligned, Harmony Restored
48	3:12 PM	1261	POSCC051	MEAW Technique - A Boon or Bane in Class III Camouflage
49	3:18 PM	459	POSCC021	EVOLUTION OF ORTHODONTIC ARMAMENTARIUM: PRAGMATISM OR PROFITEERING
50	3:24 PM	1023	POSCC041	ARTIFICIAL INTELLIGENCE IN ORTHODONTICS