




# 28<sup>th</sup> 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

 20<sup>th</sup> February to 23<sup>rd</sup> February 2025

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

**PRESENTATION  
SCHEDULE**

**STUDENTS COMPETITIVE TABLE CLINIC PRESENTATION**

# COMPETITIVE TABLE CLINIC PRESENTATION - CLINICAL INNOVATION CATEGORY

<b>21<sup>st</sup> FEB 2025</b>				
<b>PP JACOB HALL (T - BLOCK AUDITORIUM)</b>				
S.NO	TIME	REG. NO.	CODE	TITLE
1	<b>SESSION 1</b> <b>9 AM TO 12 PM</b>	7 and 273	TABCI001	'FOG-OFF-TER'-PROTOTYPE AIR BLOWING LIP RETRACTOR
2		12	TABCI002	Smoke Exposure Chamber
3		158 and 56	TABCI003	BOND,GRIP AND HOLD: UNRAVELING BIOMECHANICS OF ATTACHMENTS
4		57	TABCI004	Single tooth Vibratory device
5		67 and 0413	TABCI005	Aligners Attachments: Enhancing Orthodontic Outcomes.
6		488 and 123	TABCI006	HANDCRAFTED TO DIGITALLY PRINTED FUNCTIONAL APPLIANCE: A STEP BEYOND TRADITION
7		140 and 747	TABCI007	SMILE ADVENTURE : GAMIFYING YOUR PATH TO PERFECT TEETH
8		147	TABCI008	Micro sensor - a guide for myofunctional appliances
9		185 and 110	TABCI009	PROFILOMETER: A DEVICE TO MEASURE PROFILE ANGLE CLINICALLY
10		217 and 215	TABCI010	Torque converter- The engine you need to finish right
11		300 and 839	TABCI011	To Extract or Not ? Artificial Intelligence at the helm
12		354 and 345	TABCI012	BrushClear- Sweep away the grime ; Reveal the shine
13		425 and 421	TABCI013	3D NAM
14		449 and 446	TABCI014	TitanPro bracket : an innovation in orthodontic brackets
15		519 and 455	TABCI015	INNOVATIVE MAXILLARY ARCH SPACE REGAINER FIXED APPLIANCE
16		486 and 510	TABCI016	Orthodontic correction of rotated and transposed canine with synergistic force system
17		547	TABCI017	New design for a non-invasive device to accelerate orthodontic tooth movement
18	<b>SESSION 2</b> <b>9 AM TO 12 PM</b>	556 and 555	TABCI018	AEQUITAS ASTRA <sup>®</sup> - AI empowered app to unveil soft tissue facial asymmetry
19		560 and 559	TABCI019	OPTIMIZING MOLAR UPRIGHTING: SPECTRUM OF TREATMENT TECHNIQUES
20		705	TABCI020	Bite Registration in Myofunctional Appliances: Introducing Triobite-SMR
21		707 and 702	TABCI021	SSS- STEERING to SUSTAINABILITY by STEREO LITHOGRAPHY
22		789 and 786	TABCI022	ORTHO PACE BRUSH
23		790	TABCI023	POWER DOME
24		838	TABCI024	Anguloguide: One stop solution for Mini implant placement

25	<b>SESSION 2</b> <b>9 AM TO 12 PM</b>	879 and 878	TABCI025	Revolutionizing Orthodontic Designs: The Clear Choice
26		934 and 927	TABCI026	ORTHOPRECISE: PRECISION SENSING FOR BETTER ORTHODONTIC OUTCOMES
27		1415 and 953	TABCI027	Enhancing Orthodontic Precision: AI-Based Calibration of Bracket Placement , A prospective Observational Study
28		1015	TABCI028	Pitch Perfect Bone Screw
29		1058 and 1091	TABCI029	Align and Advance: A new functional approach to aligners
30		1103 and 1211	TABCI030	Precision in Pixels: The Digital Transformation of Orthodontics
31		1117 and 1118	TABCI031	Neuromuscular Orthodontics
32		1129 and 1611	TABCI032	Development and Clinical Evaluation of a Portable Bite Force Measurement Device
33		1150 and 946	TABCI033	DENSIPROBE EZI
34		1162 and 1160	TABCI034	SENSORIZED MYOBITE
35	<b>SESSION 3</b> <b>9 AM TO 12 PM</b>	1177 and 165	TABCI035	CUSTOMISED DIGITAL CEPHALOMETRIC COMPOSITE ANALYSIS
36		1249 and 1245	TABCI036	Recycling Aligners: Crafting a Sustainable Orthodontic Future
37		1713 and 1356	TABCI037	Crafting Smiles the Smarter way: A Modern Orthodontists " Cost-Free" Blueprint
38		1382 and 1683	TABCI038	SMART SENSORS, SMARTER SMILES: Tracking orthodontic appliance wear
39		1396	TABCI039	Clear Aligners, Clear Responsibility: A Guide to Proper Disposal for Orthodontists and Patients
40		1702 and 1397	TABCI040	A novel Maxillary Intraoral Protraction Appliance (MIPA)
41		1401 and 1520	TABCI041	SMART MA GUAGE
42		1446 and 1993	TABCI042	A QUARTET OF INVENTIONS FOR SYNERGISTIC DIAGNOSIS AND TREATMENT
43		1465 and 1472	TABCI043	NAM IN PAST,PRESSENT,FUTURE:- ADVANCEMENTS IN PRESURGICAL FOR CLEFT LIP AND PALATE PATIENTS.
44		1500 and 1501	TABCI044	ZOOM TRACKER - ALIGNER SCOPE
45		1538 and 1190	TABCI045	TRANSVERSE GLIDER
46		1553 and 1846	TABCI046	From Tilted to Upright: Bridging Functionality by molar Uprighting
47		1569 and 1527	TABCI047	Diode laser integrated assembly for accurate FA point determination and bracket positioning : An Innovative Universal Design
48		1674 and 1575	TABCI048	Revolution behind the teeth : Advances in lingual orthodontics
49		1580 and 1983	TABCI049	TELEMETRIC SMART BRACKET
50		1754 and 1593	TABCI050	RETENTION IN ORTHODONTICS

# COMPETITIVE TABLE CLINIC PRESENTATION - CLINICAL CATEGORY

**20<sup>th</sup> FEB 2025**

**PP JACOB HALL (T BLOCK AUDITORIUM)**

S.NO	TIME	REG. NO.	CODE	TITLE
1	<b>SESSION 1 9 AM to 12 PM</b>	37 and 11	TABCC001	Picture Perfect Precision: The Mastery of Digital Photography in Clinical Practice
2		20 and 118	TABCC002	COMPARISON OF EFFECTS OF DIFFERENT RAPID MAXILLARY EXPANSION TECHNIQUES ON NASOMAXILLARY COMPLEX
3		145 and 47	TABCC003	RAPID-O-TOOTH MOVEMENT
4		88	TABCC004	Circle of Cleft lip and Palate; Multidisciplinary Management and role of Orthodontics
5		133 and 131	TABCC005	Greener Smiles: Evaluating the Impact of Aligners on the Environment
6		171 and 183	TABCC006	MANOEUVRING MOYER'S CLASSIFICATION OF CLASS II MALOCCLUSION
7		445 and 175	TABCC007	THE RESURGENCE OF LINGUAL ORTHODONTICS
8		184 and 109	TABCC008	Fully guided placement of orthodontic mini screws using Universal Wire Grid
9		263 and 108	TABCC009	ATTACHMENTS FOR THE ORTHODONTIC ALIGNERS
10		339 and 347	TABCC010	Management of Class II Malocclusion Using the Carriere Motion Appliance: A review of 2 cases
11		355 and 973	TABCC011	ACCELERATED ORTHODONTICS
12		368 and 1645	TABCC012	“Democratizing Precision : Digital Pathways For Mini - Implant Excellence”
13		377	TABCC013	SPARK 'Oh' WITH TORCO
14		401	TABCC014	ART OF MASTERING HEADGEAR BIOMECHANICS
15		402	TABCC015	Stretch smarter, not harder-unlocking elastic efficiency
16		403	TABCC016	Understanding flipping flocking and switching of brackets
17		404	TABCC017	Experiencing the expansion in maxillary arch
18	<b>SESSION 2 9 AM TO 12 PM</b>	405	TABCC018	Orthodontic interventions in management of obstructive sleep apnea
19		578 and 487	TABCC019	Spotlight on Lasers in orthodontics-minor surgical procedure
20		515 and 999	TABCC020	" T- SCAN AND OCCLUSAL SPLINTS : A DIGITAL APPROACH TO PRECISION BITE "
21		527 and 822	TABCC021	Decoding Craniofacial growth: Servosystem theory and functional matrix theory
22		686 and 632	TABCC022	"Breathe Right, Sleep tight"
23		633 and 629	TABCC023	VERSATILITY MEETS PRECISION: THE SWISS KNIFE EFFECT
24		638 and 631	TABCC024	The Bite Battle: Bruxism, Muscle Dynamics, and Orthodontic Solutions
25		678 and 658	TABCC025	SMILE RENAISSANCE - UNRAVELLING THE BEAUTY OF SCARS AND DIFFERENCE - A ROAD MAP TO CLEFT CARE

26	<b>SESSION 2</b> <b>9 AM TO 12 PM</b>	736	TABCC026	DIGITAL SMILE DESIGNING
27		802 and 1086	TABCC027	Unravelling complexities of Aligner Attachments
28		813	TABCC028	Management of maxillary transverse discrepancy: Expanding the horizon
29		822 and 527	TABCC029	Dynamic Interactions: How Servosystem and Functional Matrix Theories Shape Craniofacial Growth
30		883	TABCC030	Bracket Prescription Manoeuvres – A Ready Reckoner
31		919	TABCC031	MOLAR DISTALIZATION : A Comprehensive Review of Various Methods (Intraoral & Extraoral)
32		930 and 928	TABCC032	RAPID ORTHODONTICS
33		1012 and 731	TABCC033	BERNOULLI' S PRINCIPLE IN ETIOPATHOGENESIS OF SNORING AND OBSTRUCTIVE SLEEP APNOEA
34		1062	TABCC034	TMD CHRONICLES- A JOURNEY FROM DIAGNOSIS TO RELIEF
35		<b>SESSION 3</b> <b>9AM TO 12 PM</b>	1106	TABCC035
36	1094 and 1168		TABCC036	"Precision Made Easy: Orthodontic Mini Implant Guiding Templates"
37	1378 and 1605		TABCC037	"3D-Driven Surgery: Advancing Beyond Conventional Mock Surgery"
38	1497 and 1496		TABCC038	Optimization of a Photobiomodulation Protocol to Improve the Cell Viability, Proliferation and Protein Expression in Osteoblasts and Periodontal Ligament Fibroblasts for Accelerated Orthodontic Treatment
39	1536 and 1521		TABCC039	BREAKING ASYMMETRY: UNILATERAL EXPANSION WITH CLEAR ALIGNERS
40	1614 and 1617		TABCC040	Smile Anchors
41	1690 and 1780		TABCC041	Sustainable Orthodontics
42	1731 and 1443		TABCC042	A Simple Method of Integrating Root Data from CBCT to Aligner Software (Maestro 3d)
43	1784 and 1802		TABCC043	EVOLUTION OF DAMON SYSTEM
44	1819		TABCC044	Early Use of Preventive Appliances to Mitigate Class III Malocclusion Progression.
45	1821		TABCC045	Skeletal anchorage systems- A paradigm shift in distalisation of mandibular molars
46	1826 and 1796		TABCC046	AN INNOVATIVE HYRAX DYSJUNCTOR APPLIANCE FOR CORRECTION OF BRODIE SYNDROME
47	1887 and 1788		TABCC047	SPLINTS - THE SILENT HEROES OF ORTHODONTICS
48	1921		TABCC048	FROM REFLEX TO FUNCTION: EXPLORING MUSCLE DYNAMICS WITH FUNCTIONAL APPLIANCES - A HANDS-ON DEMONSTRATION
49	1925 and 1879		TABCC049	Biomechanical Insights into Buccal Shelf and IZC bone screws for Stable Orthodontic Outcomes
50	2003 and 2002	TABCC050	NOVEL MAXILLARY EXPANDERS IN ORTHODONTICS	



## COMPETITIVE TABLE CLINIC PRESENTATION - GENERAL CATEGORY

### 20<sup>TH</sup> FEB 2025 PP JACOB HALL (T-BLOCK AUDITORIUM)

S.NO	TIME	REG. NO.	CODE	TITLE
1	1 PM TO 3 PM	0259 and 0167	TABCR001	Attachment removal- THE MIGHTY MITE
2		0346 and 0619	TABCR002	ALIGNING SUSTAINABILITY : ALIGNER RECYCLING AND BEYOND.
3		0471 and 0475	TABCR003	Leaching of microplastics from orthodontic aligner materials- A scanning electron microscopy study
4		508 and 225	TABCR004	BIOACTIVE CARE : PERFECTLY ALIGNED
5		621 and 724	TABCR005	Exploring the correlation of MPS(Midpalatal suture maturation ) and BD (bone killary transverse dimension utilizing statistical segmental modeling - a cross -sectional study.
6		719	TABCR006	"From Plastic to Perfection: The Evolution of Aligner Materials"
7		1757 and 1914	TABCR007	Brace yourself: clear aligners and cloudy consequences of microplastic release
8		1616 and 1193	TABCI051	Casted Modified C Palatal Plate: Affordable and Accessible Solution
9		1641	TABCI052	REVOLUTIONIZING CRANIOFACIAL ASSESSMENT: A NOVEL HOLLOW CALIPER FOR PRECISE CEPHALIC INDEX AND FACIAL PROPORTION MEASUREMENTS
10		1648 and 1901	TABCI053	THE CUSTOMIZED BRACKET POSITIONING USING ARTIFICIAL INTELLIGENCE
11		1795 and 1737	TABCI054	V-SLOTS: THE GAME-CHANGER IN ORTHODONTIC TREATMENT
12		1856 and 1750	TABCI055	TLF-TURRET
13		1755 and 1644	TABCI056	DIGITALLY AIDED REAL TIME MANDIBULAR CONSTRUCTION BITE RECORDER: A BREAKTHROUGH IN MYOFUNCTIONAL THERAPY
14		1763	TABCI057	Revolutionizing Functional Appliance Fabrication: Direct 3D printed Twin Block From Concept to Care

15	1 PM TO 3 PM	1787 and 1785	TABCI058	DIGITAL WORKFLOW IN ORTHODONTICS
16		2036 and 1834	TABCI060	VMS DISTALIZER: THE ANCHOR RESCUER YOU CAN TRUST (VINAYAKA MISSION'S DISTALIZER)
17		1839 and 1838	TABCI061	Magic attachments :Amplifying aligner efficiency
18		1850 and 1163	TABCI062	Smart PNAM: Where Digital Design Meets Cleft Care
19		1852 and 1854	TABCI063	Revolutionary Orthodontics: The Role of Smart Brackets in Enhancing Treatment Precision and Patient Care
20		1858 and 2016	TABCI064	DIASTEMA MENDER-AN APPLIANCE FOR DIASTEMA CLOSURE
21		2048 and 1861	TABCI065	ANCHOR WITH ACCURACY ;- A SURGICAL GUIDE TO MNISCREW PLACEMENT
22		1890	TABCI066	Standardization of natural head position orienting with Frankfort horizontal plane and porion
23		1915 and 1919	TABCI067	“Streamlining Orthodontic Procedures: Innovations for Better Outcomes”
24		1917 and 0906	TABCI068	Precision meets innovation: 3D printed POLYETHERETHERKETONE (PEEK) Twin Block
25		1931	TABCI069	TAD Tactics : exploring Interradicular Placement Strategies
26		1970 and 0304	TABCI070	Force Monitoring in aligners with MEMS technology - Align Kraft Sensor
27		1983 and 1580	TABCI071	Telemetric smart brackets