

DENTAL SCIENCES • SPECIALIST TRAINING



NTHRYS

OPC PVT LTD

DENTAL SCIENCES • FELLOWSHIP TRAINING PROGRAMS

Conservative Dentistry & Endodontics

A complete specialist architecture for restorative dentists and endodontists — spanning minimal-intervention cariology, adhesive and aesthetic restoration, vital-pulp and regenerative therapy, microsurgical endodontics, bioceramics, and laser, CBCT, guided and AI-driven workflows. Every protocol is delivered hands-on under magnification on live clinical and bench equipment.

32

SUB-STREAMS

216

PROTOCOLS

1727

HOURS

2026

EDITION

Sub-Streams at a Glance

This catalogue lists every Conservative Dentistry & Endodontics training protocol delivered at the NTHRYS Dental Sciences centre, organised under the **CE** department across 32 specialist sub-streams. Each protocol carries a unique code, a defined duration and a per-protocol fee, and may be combined into custom fellowship tracks. Protocols are pitched at practising specialists, postgraduates and digital-laboratory technologists.

STREAM	SUB-STREAM	FOCUS	N	HRS	VALUE
NDS-CE-CA	Cariology & Minimal-Intervention Dentistry	Risk-based, tissue-conserving caries care	10	68	₹ 1,30,500
NDS-CE-OP	Operative Dentistry & Cavity Biomechanics	Preparation, isolation and restoration mechanics	9	61	₹ 1,17,000
NDS-CE-AB	Adhesive Systems & Bonding Science	Hybrid-layer chemistry and substrate bonding	8	58	₹ 1,16,000
NDS-CE-AC	Anterior Direct Composite Artistry	Polychromatic aesthetic layering	9	81	₹ 1,62,000
NDS-CE-PC	Posterior & Bulk-Fill Composite Systems	Shrinkage control and occlusal rebuild	8	62	₹ 1,17,500
NDS-CE-GI	Glass-Ionomer & Bioactive Restoratives	Ion-releasing and bioactive materials	7	48	₹ 92,500
NDS-CE-CL	Cervical Lesions & Tooth-Wear Restoration	Non-carious and erosive wear rehab	6	46	₹ 87,500
NDS-CE-CT	Cracked Tooth & Structural Rehabilitation	Crack diagnosis and cuspal protection	6	50	₹ 1,00,000
NDS-CE-WH	Tooth Whitening & Discoloration Management	Vital, non-vital and stain protocols	7	47	₹ 90,000
NDS-CE-MG	Operating Microscope & Magnification Dentistry	High-magnification clinical practice	5	38	₹ 79,500
NDS-CE-RE	Restoration of Endodontically Treated Teeth	Post, core and coronal rehabilitation	7	56	₹ 1,12,000
NDS-CE-PB	Pulp Biology & Vital Pulp Therapy	Bioceramic vital-pulp preservation	7	52	₹ 1,09,000
NDS-CE-DC	Deep Caries & Pulp-Preservation Strategies	Selective and stepwise excavation	5	38	₹ 80,000
NDS-CE-TR	Dental Trauma & Luxation Management	Fracture, luxation and avulsion care	8	62	₹ 1,36,500
NDS-CE-AX	Access Cavity Design & Canal Location	Conservative access and orifice mapping	7	55	₹ 1,21,000
NDS-CE-WL	Working Length & Electronic Apex Location	Length control and glide-path	5	36	₹ 79,500
NDS-CE-CP	Rotary & Reciprocating Canal Preparation	Shaping biomechanics and safety	7	55	₹ 1,21,000

Sub-Streams at a Glance *continued*

STREAM	SUB-STREAM	FOCUS	N	HRS	VALUE
NDS-CE-NF	Heat-Treated NiTi & Advanced File Systems	Metallurgy-matched instrumentation	6	45	₹ 1,03,500
NDS-CE-IR	Irrigation, Activation & Disinfection	Chemo-mechanical biofilm control	8	60	₹ 1,38,000
NDS-CE-OB	Obturation Systems & 3D Sealing	Three-dimensional canal sealing	8	61	₹ 1,40,500
NDS-CE-BC	Bioceramic & Single-Visit Endodontics	Hydraulic-material and efficiency protocols	6	47	₹ 1,12,000
NDS-CE-CC	Calcified & Complex Canal Management	Aberrant morphology negotiation	6	52	₹ 1,24,000
NDS-CE-MS	Endodontic Microsurgery & Apicoectomy	Periapical microsurgical techniques	8	74	₹ 2,14,000
NDS-CE-RT	Non-Surgical Retreatment & Post Removal	Failure correction and disassembly	7	61	₹ 1,65,000
NDS-CE-RG	Regenerative & Revascularization Endodontics	Tissue-engineering pulp therapy	6	56	₹ 1,68,000
NDS-CE-EP	Endo-Perio Lesion Management	Combined-lesion diagnosis and care	5	43	₹ 1,20,000
NDS-CE-CB	Cone-Beam CT & 3D Endodontic Diagnostics	Volumetric imaging and planning	6	53	₹ 2,27,000
NDS-CE-GN	Guided & Dynamic-Navigation Endodontics	Targeted access and navigation	6	64	₹ 2,88,000
NDS-CE-LA	Laser-Assisted & Photodynamic Disinfection	Photonic disinfection and therapy	6	58	₹ 2,55,000
NDS-CE-AI	AI & Digital Workflow in Endodontics	Machine-intelligence and tele-endo	6	55	₹ 2,41,500
NDS-CE-EM	Endodontic Emergencies & Pain Management	Acute care and anaesthesia	6	44	₹ 1,01,500
NDS-CE-SC	Special-Care, Paediatric & Geriatric Endodontics	Age- and risk-adapted endodontics	5	41	₹ 94,500
Full department — 32 sub-streams			216	1727	₹ 43,44,000

How the Programme is Built

Fees are tiered by clinical and technological complexity — from advanced core restorative protocols through implant, maxillofacial, digital, robotic and bioengineered streams. Per-protocol fees range from ₹ 11,500 to ₹ 58,500, with the complete department representing ₹ 43,44,000 of specialist training across 1727 hours.

HOW TO READ A CODE

NDS – CE – CA – 01

NDS

Nthrys Dental Sciences

CE

Conservative Dentistry & Endodontics dept

CA

Sub-stream

01

Protocol number

Every protocol is delivered hands-on on live clinical and digital-laboratory equipment, with structured assessment and case documentation. Sub-streams may be enrolled individually or bundled into themed fellowship pathways (e.g. *Full-Arch Implant, Digital & Robotic, Maxillofacial Rehabilitation*).

Cariology & Minimal-Intervention Dentistry

Risk-based, tissue-conserving caries care

10
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-CA-01	Caries Risk Assessment & CAMBRA	Individual caries-risk profiling and management.	7 hrs	₹ 13,500
NDS-CE-CA-02	Caries Detection Technologies	Laser-fluorescence, transillumination and ICDAS scoring.	7 hrs	₹ 13,500
NDS-CE-CA-03	Remineralisation & Fluoride Therapy	Non-invasive arrest of early enamel lesions.	6 hrs	₹ 11,500
NDS-CE-CA-04	Silver Diamine Fluoride Arrest	SDF application for non-restorative caries control.	6 hrs	₹ 11,500
NDS-CE-CA-05	Resin Infiltration of Incipient Lesions	Micro-invasive proximal lesion infiltration.	7 hrs	₹ 13,500
NDS-CE-CA-06	Minimal-Intervention Cavity Design	Tissue-conserving preparation principles.	7 hrs	₹ 13,500
NDS-CE-CA-07	Atraumatic Restorative Treatment	Hand-instrument ART technique.	7 hrs	₹ 13,500
NDS-CE-CA-08	Air-Abrasion & Chemo-Mechanical Removal	Selective minimally-invasive caries excavation.	8 hrs	₹ 15,000
NDS-CE-CA-09	Sealants & Preventive Resin Restoration	Pit-and-fissure sealing protocols.	6 hrs	₹ 11,500
NDS-CE-CA-10	High-Risk & Rampant Caries Protocols	Management for xerostomia and rampant caries.	7 hrs	₹ 13,500

Operative Dentistry & Cavity Biomechanics

Preparation, isolation and restoration mechanics

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-OP-01	Principles of Cavity Preparation	Outline, resistance and retention form.	7 hrs	₹ 13,500
NDS-CE-OP-02	Rubber-Dam Isolation Mastery	Single and multiple-tooth isolation.	6 hrs	₹ 11,500
NDS-CE-OP-03	Matrix, Wedge & Contact Reconstruction	Sectional matrices and tight contacts.	7 hrs	₹ 13,500
NDS-CE-OP-04	Liners, Bases & Pulp Protection	Cavity-sealing and protective layering.	6 hrs	₹ 11,500
NDS-CE-OP-05	Amalgam & Bonded-Amalgam Restoration	Condensation, carving and bonding.	7 hrs	₹ 13,500
NDS-CE-OP-06	Class I–VI Restorative Techniques	Full classification-based restoration.	8 hrs	₹ 15,000
NDS-CE-OP-07	Tunnel & Slot Conservative Preparations	Access-conserving cavity designs.	7 hrs	₹ 13,500
NDS-CE-OP-08	Restoration Finishing & Polishing	Surface-quality optimisation.	6 hrs	₹ 11,500
NDS-CE-OP-09	Stress & Fracture Biomechanics	Cuspal-coverage decision making.	7 hrs	₹ 13,500

Adhesive Systems & Bonding Science

Hybrid-layer chemistry and substrate bonding

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-AB-01	Adhesion Fundamentals & Hybrid Layer	Etch-and-rinse mechanism science.	7 hrs	₹ 14,000
NDS-CE-AB-02	Etch-and-Rinse vs Self-Etch Selection	Strategy-based adhesive choice.	7 hrs	₹ 14,000
NDS-CE-AB-03	Universal Adhesives & Selective Etch	Modern multi-mode bonding.	7 hrs	₹ 14,000
NDS-CE-AB-04	Dentin Bonding & Moisture Control	Wet/dry bonding optimisation.	7 hrs	₹ 14,000
NDS-CE-AB-05	Immediate Dentin Sealing	IDS for indirect restorations.	7 hrs	₹ 14,000
NDS-CE-AB-06	Bond-Durability & MMP Inhibition	Hybrid-layer longevity strategies.	8 hrs	₹ 16,000
NDS-CE-AB-07	Bonding to Ceramic, Zirconia & Metal	Substrate-specific surface treatment.	8 hrs	₹ 16,000
NDS-CE-AB-08	Adhesive Failure Analysis	Microleakage and debond troubleshooting.	7 hrs	₹ 14,000

Anterior Direct Composite Artistry

Polychromatic aesthetic layering

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-AC-01	Shade Selection & Layering Theory	Polychromatic build-up planning.	8 hrs	₹ 16,000
NDS-CE-AC-02	Anatomic Stratification Technique	Dentin-enamel mimetic layering.	10 hrs	₹ 20,000
NDS-CE-AC-03	Class III & IV Composite Restoration	Anterior proximal and incisal rebuild.	9 hrs	₹ 18,000
NDS-CE-AC-04	Diastema Closure	Free-hand and index-guided closure.	9 hrs	₹ 18,000
NDS-CE-AC-05	Direct Composite Veneers	Additive smile enhancement.	10 hrs	₹ 20,000
NDS-CE-AC-06	Composite Mock-Up & Index Technique	Putty-index guided build-up.	9 hrs	₹ 18,000
NDS-CE-AC-07	Characterisation, Tints & Effects	Internal staining and translucency.	9 hrs	₹ 18,000
NDS-CE-AC-08	Finishing, Contouring & Polishing	High-lustre anterior finish.	8 hrs	₹ 16,000
NDS-CE-AC-09	Peg-Lateral & Morphology Correction	Form and proportion restoration.	9 hrs	₹ 18,000

Posterior & Bulk-Fill Composite Systems

Shrinkage control and occlusal rebuild

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-PC-01	Posterior Composite Fundamentals	C-factor and shrinkage-stress control.	8 hrs	₹ 15,000
NDS-CE-PC-02	Incremental vs Bulk-Fill Placement	Layering strategy selection.	7 hrs	₹ 13,500
NDS-CE-PC-03	Bulk-Fill & Sonic-Activated Systems	High-efficiency posterior filling.	8 hrs	₹ 15,000
NDS-CE-PC-04	Deep Margin Elevation	Cervical margin relocation.	8 hrs	₹ 15,000
NDS-CE-PC-05	Cuspal-Coverage Direct Restoration	Onlay-style direct rebuild.	9 hrs	₹ 17,000
NDS-CE-PC-06	Stamp & Injection-Mould Technique	Occlusal-anatomy reproduction.	8 hrs	₹ 15,000
NDS-CE-PC-07	Posterior Contact & Contour Control	Sectional-matrix mastery.	7 hrs	₹ 13,500
NDS-CE-PC-08	Flowable & Self-Adhesive Composites	Modern material handling.	7 hrs	₹ 13,500

Glass-Ionomer & Bioactive Restoratives

Ion-releasing and bioactive materials

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-GI-01	Conventional & Resin-Modified GIC	Material handling and indications.	7 hrs	₹ 13,500
NDS-CE-GI-02	High-Viscosity GIC for ART	Load-bearing GIC restoration.	7 hrs	₹ 13,500
NDS-CE-GI-03	Bioactive & Ion-Releasing Materials	Remineralising restoratives.	7 hrs	₹ 13,500
NDS-CE-GI-04	Giomer & Alkasite Systems	Next-generation bioactive fillings.	7 hrs	₹ 13,500
NDS-CE-GI-05	GIC Sandwich Technique	Open and closed sandwich restoration.	7 hrs	₹ 13,500
NDS-CE-GI-06	Liner & Luting GIC Applications	Cementation and base use.	6 hrs	₹ 11,500
NDS-CE-GI-07	Bioactive Pulp-Capping Materials	Calcium-silicate capping handling.	7 hrs	₹ 13,500

Cervical Lesions & Tooth-Wear Restoration

Non-carious and erosive wear rehab

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-CL-01	Non-Carious Cervical Lesion Management	Abfraction and abrasion restoration.	7 hrs	₹ 13,500
NDS-CE-CL-02	Erosion & Dietary-Acid Wear Restoration	Erosive-wear rehabilitation.	8 hrs	₹ 15,000
NDS-CE-CL-03	Attrition & Bruxism Wear Restoration	Functional-wear rebuild.	8 hrs	₹ 15,000
NDS-CE-CL-04	Dentine-Sensitivity Management	Hypersensitivity treatment protocols.	6 hrs	₹ 11,500
NDS-CE-CL-05	Full-Mouth Additive Wear Restoration	Composite-injection rehabilitation.	10 hrs	₹ 19,000
NDS-CE-CL-06	Cervical & Subgingival Margin Restoration	Deep-margin handling.	7 hrs	₹ 13,500

Cracked Tooth & Structural Rehabilitation

Crack diagnosis and cuspal protection

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-CT-01	Cracked-Tooth Diagnosis	Crack detection and prognosis.	8 hrs	₹ 16,000
NDS-CE-CT-02	Crack Mapping & Transillumination	Microscope-assisted crack assessment.	8 hrs	₹ 16,000
NDS-CE-CT-03	Cuspal-Protection Restoration	Bonded overlay protection.	9 hrs	₹ 18,000
NDS-CE-CT-04	Reinforcement & Fibre Strategies	Structural reinforcement techniques.	8 hrs	₹ 16,000
NDS-CE-CT-05	Vertical Root Fracture Assessment	Diagnosis and management options.	8 hrs	₹ 16,000
NDS-CE-CT-06	Bonded Onlay for Compromised Teeth	Indirect cuspal coverage.	9 hrs	₹ 18,000

Tooth Whitening & Discoloration Management

Vital, non-vital and stain protocols

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PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-WH-01	Discoloration Diagnosis & Classification	Intrinsic and extrinsic aetiology.	6 hrs	₹ 11,500
NDS-CE-WH-02	In-Office Power Bleaching	High-concentration whitening.	7 hrs	₹ 13,500
NDS-CE-WH-03	Home & Tray-Based Whitening	Custom-tray protocols.	6 hrs	₹ 11,500
NDS-CE-WH-04	Non-Vital Walking Bleach	Internal endodontic bleaching.	7 hrs	₹ 13,500
NDS-CE-WH-05	Tetracycline & Fluorosis Management	Stubborn-stain protocols.	8 hrs	₹ 15,000
NDS-CE-WH-06	Microabrasion & Resin Infiltration	White-spot lesion masking.	7 hrs	₹ 13,500
NDS-CE-WH-07	Whitening Sensitivity Management	Desensitisation protocols.	6 hrs	₹ 11,500

Operating Microscope & Magnification Dentistry

High-magnification clinical practice

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PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-MG-01	Loupes & Microscope Ergonomics	Magnification setup and posture.	7 hrs	₹ 14,500
NDS-CE-MG-02	Microscope-Assisted Operative Dentistry	High-magnification restoration.	9 hrs	₹ 19,000
NDS-CE-MG-03	Microscopic Caries & Margin Control	Precision excavation.	8 hrs	₹ 17,000
NDS-CE-MG-04	Documentation & Micro-Photography	Through-scope clinical imaging.	7 hrs	₹ 14,500
NDS-CE-MG-05	Four-Handed Microscope Workflow	Assistant-integrated technique.	7 hrs	₹ 14,500

Restoration of Endodontically Treated Teeth

Post, core and coronal rehabilitation

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-RE-01	Post-Endo Restorative Decision Tree	Ferrule and prognosis assessment.	8 hrs	₹ 16,000
NDS-CE-RE-02	Fibre-Post Selection & Placement	Adhesive post cementation.	8 hrs	₹ 16,000
NDS-CE-RE-03	Cast Post & Core	Custom metal post-core fabrication.	8 hrs	₹ 16,000
NDS-CE-RE-04	Direct Composite Core Build-Up	Foundation restoration.	7 hrs	₹ 14,000
NDS-CE-RE-05	Endocrown for Posterior Teeth	Adhesive endocrown technique.	9 hrs	₹ 18,000
NDS-CE-RE-06	Cuspal-Coverage of Treated Teeth	Onlay and crown protection.	8 hrs	₹ 16,000
NDS-CE-RE-07	Minimally-Invasive Post-Endo Restoration	Tissue-conserving rebuild.	8 hrs	₹ 16,000

Pulp Biology & Vital Pulp Therapy

Bioceramic vital-pulp preservation

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-PB-01	Pulp Biology & Diagnosis	Pulpal-status assessment.	7 hrs	₹ 14,500
NDS-CE-PB-02	Indirect Pulp Capping	Selective excavation capping.	7 hrs	₹ 14,500
NDS-CE-PB-03	Direct Pulp Capping (MTA/Biodentine)	Calcium-silicate capping.	8 hrs	₹ 17,000
NDS-CE-PB-04	Partial & Full Pulpotomy	Vital pulp-tissue management.	9 hrs	₹ 19,000
NDS-CE-PB-05	Bioceramic Material Handling	MTA and Biodentine manipulation.	7 hrs	₹ 14,500
NDS-CE-PB-06	Vital Pulp Therapy in Mature Teeth	Modern VPT indications.	8 hrs	₹ 17,000
NDS-CE-PB-07	Pulp-Status Monitoring & Outcomes	Follow-up and prognosis.	6 hrs	₹ 12,500

Deep Caries & Pulp-Preservation Strategies

Selective and stepwise excavation

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PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-DC-01	Selective Caries Removal	Selective excavation to firm/soft dentine.	8 hrs	₹ 17,000
NDS-CE-DC-02	Stepwise Excavation Protocol	Staged deep-caries management.	8 hrs	₹ 17,000
NDS-CE-DC-03	Pulp-Exposure Risk Management	Exposure-avoidance strategies.	7 hrs	₹ 14,500
NDS-CE-DC-04	Biological Caries-Arrest Restoration	Sealing the residual biofilm.	7 hrs	₹ 14,500
NDS-CE-DC-05	Deep & Proximal Caries Access	Conservative deep access.	8 hrs	₹ 17,000

Dental Trauma & Luxation Management

Fracture, luxation and avulsion care

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-TR-01	Traumatic Injury Classification	Andreassen/WHO classification.	7 hrs	₹ 15,500
NDS-CE-TR-02	Crown Fracture Restoration	Enamel-dentine fracture rebuild.	8 hrs	₹ 17,500
NDS-CE-TR-03	Fragment Reattachment	Tooth-fragment bonding.	7 hrs	₹ 15,500
NDS-CE-TR-04	Complicated Crown-Root Fracture	Combined fracture management.	9 hrs	₹ 20,000
NDS-CE-TR-05	Luxation & Repositioning	Displacement management and splinting.	8 hrs	₹ 17,500
NDS-CE-TR-06	Avulsion & Replantation Protocol	Reimplantation and follow-up.	8 hrs	₹ 17,500
NDS-CE-TR-07	Trauma Splinting Techniques	Flexible and rigid splints.	7 hrs	₹ 15,500
NDS-CE-TR-08	Trauma in Immature Teeth	Apexification considerations.	8 hrs	₹ 17,500

Access Cavity Design & Canal Location

Conservative access and orifice mapping

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-AX-01	Access Cavity Principles	Straight-line and conservative access.	7 hrs	₹ 15,500
NDS-CE-AX-02	Contracted & Guided Access Designs	Minimally-invasive access.	8 hrs	₹ 17,500
NDS-CE-AX-03	Canal Orifice Location & Troughing	Orifice mapping techniques.	8 hrs	₹ 17,500
NDS-CE-AX-04	Pulp-Chamber Anatomy & Landmarks	Floor-map navigation.	7 hrs	₹ 15,500
NDS-CE-AX-05	MB2 & Extra-Canal Location	Hidden-canal identification.	9 hrs	₹ 20,000
NDS-CE-AX-06	Microscope-Guided Access	Magnified orifice location.	8 hrs	₹ 17,500
NDS-CE-AX-07	Calcified Chamber Negotiation	Pulp-stone management.	8 hrs	₹ 17,500

Working Length & Electronic Apex Location

Length control and glide-path

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-WL01	Working-Length Determination	Radiographic and tactile methods.	7 hrs	₹ 15,500
NDS-CE-WL02	Electronic Apex Locator Mastery	EAL principles and clinical use.	7 hrs	₹ 15,500
NDS-CE-WL03	Apical Constriction & Patency	Patency-filing technique.	7 hrs	₹ 15,500
NDS-CE-WL04	Glide-Path Establishment	Manual and rotary glide path.	7 hrs	₹ 15,500
NDS-CE-WL05	Length Control in Complex Anatomy	Curved and calcified length control.	8 hrs	₹ 17,500

Rotary & Reciprocating Canal Preparation

Shaping biomechanics and safety

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-CP-01	Canal Preparation Biomechanics	Shaping objectives and taper.	8 hrs	₹ 17,500
NDS-CE-CP-02	Crown-Down & Single-File Shaping	Modern preparation sequences.	8 hrs	₹ 17,500
NDS-CE-CP-03	Reciprocating Single-File Systems	Reciprocation technique.	8 hrs	₹ 17,500
NDS-CE-CP-04	Curved-Canal Shaping	Curvature-preserving instrumentation.	9 hrs	₹ 20,000
NDS-CE-CP-05	Instrument-Separation Prevention	Stress-management protocols.	7 hrs	₹ 15,500
NDS-CE-CP-06	Apical Gauging & Sizing	Master-apical-file determination.	7 hrs	₹ 15,500
NDS-CE-CP-07	Anatomy-Driven Shaping Strategy	Canal-specific preparation.	8 hrs	₹ 17,500

Heat-Treated NiTi & Advanced File Systems

Metallurgy-matched instrumentation

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-NF-01	NiTi Metallurgy & Phase Behaviour	M-Wire, CM, Gold and Blue technology.	8 hrs	₹ 18,500
NDS-CE-NF-02	Controlled-Memory File Systems	Pre-bendable file handling.	8 hrs	₹ 18,500
NDS-CE-NF-03	Adaptive & Off-Centred Files	Self-adjusting and adaptive systems.	8 hrs	₹ 18,500
NDS-CE-NF-04	File-Fatigue & Reuse Management	Cyclic-fatigue safety.	7 hrs	₹ 16,000
NDS-CE-NF-05	Heat-Treatment Selection Strategy	Anatomy-matched file choice.	7 hrs	₹ 16,000
NDS-CE-NF-06	Advanced Glide-Path Files	Rotary path-file systems.	7 hrs	₹ 16,000

Irrigation, Activation & Disinfection

Chemo-mechanical biofilm control

8

PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-IR-01	Irrigant Pharmacology	NaOCl, EDTA and CHX science.	7 hrs	₹ 16,000
NDS-CE-IR-02	Safe Irrigation & Apical Control	Extrusion-avoidance protocols.	7 hrs	₹ 16,000
NDS-CE-IR-03	Sonic & Ultrasonic Activation	Passive ultrasonic and sonic agitation.	8 hrs	₹ 18,500
NDS-CE-IR-04	Laser-Activated Irrigation	PIPS/SWEEPS disinfection.	9 hrs	₹ 20,500
NDS-CE-IR-05	Negative-Pressure Irrigation	Apical-negative-pressure systems.	8 hrs	₹ 18,500
NDS-CE-IR-06	Smear-Layer & Biofilm Removal	Final-rinse protocols.	7 hrs	₹ 16,000
NDS-CE-IR-07	Intracanal Medicaments	Calcium-hydroxide and alternatives.	6 hrs	₹ 14,000
NDS-CE-IR-08	Disinfection in Complex Anatomy	Isthmus and fin disinfection.	8 hrs	₹ 18,500

Obturation Systems & 3D Sealing

Three-dimensional canal sealing

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-OB-01	Obturation Principles & Sealers	Sealing objectives and materials.	7 hrs	₹ 16,000
NDS-CE-OB-02	Cold Lateral Compaction	Classic obturation technique.	7 hrs	₹ 16,000
NDS-CE-OB-03	Warm Vertical Compaction	Continuous-wave obturation.	8 hrs	₹ 18,500
NDS-CE-OB-04	Carrier-Based Obturation	Thermoplasticised carrier systems.	8 hrs	₹ 18,500
NDS-CE-OB-05	Single-Cone & Bioceramic Sealer	Hydraulic-sealer obturation.	8 hrs	₹ 18,500
NDS-CE-OB-06	Thermomechanical & Injectable GP	Injectable gutta-percha techniques.	8 hrs	₹ 18,500
NDS-CE-OB-07	Obturation of Open Apex	Apical-barrier obturation.	8 hrs	₹ 18,500
NDS-CE-OB-08	Obturation Quality & Void Control	Density assessment and QC.	7 hrs	₹ 16,000

Bioceramic & Single-Visit Endodontics

Hydraulic-material and efficiency protocols

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-BC-01	Bioceramic Material Science	Calcium-silicate sealer chemistry.	8 hrs	₹ 19,000
NDS-CE-BC-02	Single-Visit Treatment Protocol	Efficiency and case selection.	8 hrs	₹ 19,000
NDS-CE-BC-03	Bioceramic Sealer Obturation	Hydraulic-condensation technique.	8 hrs	₹ 19,000
NDS-CE-BC-04	MTA Apical Plug	One-visit apexification.	8 hrs	₹ 19,000
NDS-CE-BC-05	Bioceramic Perforation Repair	Furcal and lateral repair.	8 hrs	₹ 19,000
NDS-CE-BC-06	Outcome & Retreatability	Bioceramic long-term behaviour.	7 hrs	₹ 17,000

Calcified & Complex Canal Management

Aberrant morphology negotiation

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-CC-01	Calcified-Canal Negotiation	Locating and bypassing calcification.	9 hrs	₹ 21,500
NDS-CE-CC-02	G-Shaped & Aberrant Anatomy	Complex morphology management.	9 hrs	₹ 21,500
NDS-CE-CC-03	Dilacerated & Curved-Canal Strategy	Severe-curvature handling.	9 hrs	₹ 21,500
NDS-CE-CC-04	Open-Apex & Blunderbuss Management	Wide-apex strategies.	8 hrs	₹ 19,000
NDS-CE-CC-05	Resorption Management	Internal and external resorption care.	9 hrs	₹ 21,500
NDS-CE-CC-06	Multi-Portal & Split Canals	Mid-root and apical split handling.	8 hrs	₹ 19,000

Endodontic Microsurgery & Apicoectomy

Periapical microsurgical techniques

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-MS-01	Surgical Anatomy & Case Selection	Periapical-surgery planning.	9 hrs	₹ 26,000
NDS-CE-MS-02	Flap Design & Soft-Tissue Management	Microsurgical access.	9 hrs	₹ 26,000
NDS-CE-MS-03	Osteotomy & Root-End Resection	Apicoectomy technique.	10 hrs	₹ 29,000
NDS-CE-MS-04	Root-End Cavity & Ultrasonic Prep	Retro-cavity preparation.	9 hrs	₹ 26,000
NDS-CE-MS-05	Root-End Filling (MTA/Bioceramic)	Retrograde sealing.	9 hrs	₹ 26,000
NDS-CE-MS-06	Microsurgical Suturing & Healing	Closure and follow-up.	8 hrs	₹ 23,000
NDS-CE-MS-07	Guided Endodontic Surgery	Static-guide apical surgery.	10 hrs	₹ 29,000
NDS-CE-MS-08	Intentional Replantation	Extraction-repair-replant technique.	10 hrs	₹ 29,000

Non-Surgical Retreatment & Post Removal

Failure correction and disassembly

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-RT-01	Retreatment Decision-Making	Failure analysis and prognosis.	8 hrs	₹ 21,500
NDS-CE-RT-02	Gutta-Percha & Sealer Removal	Solvent and rotary removal.	8 hrs	₹ 21,500
NDS-CE-RT-03	Post & Core Removal	Ultrasonic and kit-based removal.	9 hrs	₹ 24,500
NDS-CE-RT-04	Separated-Instrument Retrieval	Bypass and removal techniques.	10 hrs	₹ 27,000
NDS-CE-RT-05	Ledge, Block & Perforation Repair	Procedural-error correction.	9 hrs	₹ 24,500
NDS-CE-RT-06	Missed-Canal Re-Treatment	Locating untreated anatomy.	9 hrs	₹ 24,500
NDS-CE-RT-07	Retreatment Disinfection Strategy	Re-disinfection protocols.	8 hrs	₹ 21,500

Regenerative & Revascularization Endodontics

Tissue-engineering pulp therapy

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-RG-01	Regenerative Endodontics Principles	Tissue-engineering triad.	9 hrs	₹ 27,000
NDS-CE-RG-02	Revascularization Protocol	Blood-clot scaffold technique.	10 hrs	₹ 30,000
NDS-CE-RG-03	PRP/PRF Scaffold Endodontics	Platelet-concentrate scaffolds.	10 hrs	₹ 30,000
NDS-CE-RG-04	Apexogenesis & Apexification	Immature-tooth management.	9 hrs	₹ 27,000
NDS-CE-RG-05	Stem-Cell & Bioactive Strategies	SCAP-based regeneration.	10 hrs	₹ 30,000
NDS-CE-RG-06	Regeneration Outcome Assessment	Continued-development follow-up.	8 hrs	₹ 24,000

Endo-Perio Lesion Management

Combined-lesion diagnosis and care

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-EP-01	Endo-Perio Classification & Diagnosis	Lesion-origin determination.	8 hrs	₹ 22,500
NDS-CE-EP-02	Combined-Lesion Treatment Sequencing	Integrated management.	9 hrs	₹ 25,000
NDS-CE-EP-03	Periodontal-Endodontic Prognosis	Tooth-retention decisions.	8 hrs	₹ 22,500
NDS-CE-EP-04	Furcation & Perforation Lesions	Defect-specific management.	9 hrs	₹ 25,000
NDS-CE-EP-05	Regenerative Endo-Perio Approaches	Combined regeneration.	9 hrs	₹ 25,000

Cone-Beam CT & 3D Endodontic Diagnostics

Volumetric imaging and planning

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PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-CB-01	CBCT Principles & Dosimetry	3D-imaging fundamentals and safety.	8 hrs	₹ 34,500
NDS-CE-CB-02	Endodontic CBCT Interpretation	Canal and lesion analysis.	9 hrs	₹ 38,500
NDS-CE-CB-03	3D Anatomy & Canal Configuration	Morphology mapping.	9 hrs	₹ 38,500
NDS-CE-CB-04	CBCT in Trauma & Resorption	Advanced diagnostic use.	9 hrs	₹ 38,500
NDS-CE-CB-05	Pre-Surgical 3D Planning	Periapical-surgery mapping.	9 hrs	₹ 38,500
NDS-CE-CB-06	3D-Printed Endodontic Models	Case-rehearsal models.	9 hrs	₹ 38,500

Guided & Dynamic-Navigation Endodontics

Targeted access and navigation

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-GN-01	Guided Endodontics Principles	Static-guide access concept.	9 hrs	₹ 40,500
NDS-CE-GN-02	Static Guide Design & Printing	Endo-access guide workflow.	11 hrs	₹ 49,500
NDS-CE-GN-03	Guided Calcified-Canal Access	Targeted minimally-invasive access.	11 hrs	₹ 49,500
NDS-CE-GN-04	Dynamic-Navigation Endodontics	Real-time tracked access.	13 hrs	₹ 58,500
NDS-CE-GN-05	Guided Apical Surgery Planning	Navigated osteotomy.	11 hrs	₹ 49,500
NDS-CE-GN-06	Accuracy & Deviation Verification	Planned-vs-achieved audit.	9 hrs	₹ 40,500

Laser-Assisted & Photodynamic Disinfection

Photonic disinfection and therapy

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-LA-01	Dental Laser Physics & Safety	Wavelength-tissue interaction.	9 hrs	₹ 39,500
NDS-CE-LA-02	Laser-Assisted Canal Disinfection	Er:YAG and diode protocols.	10 hrs	₹ 44,000
NDS-CE-LA-03	Photon-Induced Photoacoustic Streaming	PIPS and SWEEPS technique.	10 hrs	₹ 44,000
NDS-CE-LA-04	Antimicrobial Photodynamic Therapy	Photosensitiser disinfection.	10 hrs	₹ 44,000
NDS-CE-LA-05	Laser in Pulp & Soft-Tissue Therapy	Adjunct laser applications.	9 hrs	₹ 39,500
NDS-CE-LA-06	Laser Hard-Tissue Cavity Prep	Laser caries removal.	10 hrs	₹ 44,000

AI & Digital Workflow in Endodontics

Machine-intelligence and tele-endo

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-AI-01	AI Radiographic Diagnosis	Automated lesion and canal detection.	10 hrs	₹ 44,000
NDS-CE-AI-02	AI Anatomy & Length Prediction	Algorithmic measurement support.	10 hrs	₹ 44,000
NDS-CE-AI-03	Digital Case Documentation	Structured endodontic records.	8 hrs	₹ 35,000
NDS-CE-AI-04	AI Outcome & Prognosis Modelling	Predictive success modelling.	10 hrs	₹ 44,000
NDS-CE-AI-05	Tele-Endodontic Consultation	Remote diagnosis and planning.	8 hrs	₹ 35,000
NDS-CE-AI-06	Digital Workflow Integration	Scanner-CBCT-record unification.	9 hrs	₹ 39,500

Endodontic Emergencies & Pain Management

Acute care and anaesthesia

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-EM-01	Diagnosis of Odontogenic Pain	Pulpal and periapical differentiation.	7 hrs	₹ 16,000
NDS-CE-EM-02	Acute Pulpitis & Apical Emergency	Emergency pulp and abscess care.	8 hrs	₹ 18,500
NDS-CE-EM-03	Abscess Incision & Drainage	Swelling management.	8 hrs	₹ 18,500
NDS-CE-EM-04	Anaesthesia for the Hot Pulp	Supplemental anaesthesia techniques.	8 hrs	₹ 18,500
NDS-CE-EM-05	Pharmacologic Pain Control	Analgesic and antibiotic protocols.	6 hrs	₹ 14,000
NDS-CE-EM-06	Flare-Up Prevention & Management	Inter-appointment care.	7 hrs	₹ 16,000

Special-Care, Paediatric & Geriatric Endodontics

Age- and risk-adapted endodontics

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-CE-SC-01	Paediatric Pulp Therapy	Pulpotomy and pulpectomy in primary teeth.	8 hrs	₹ 18,500
NDS-CE-SC-02	Immature Permanent-Tooth Endodontics	Apexification and MTA care.	9 hrs	₹ 20,500
NDS-CE-SC-03	Geriatric Endodontic Management	Calcified ageing-tooth care.	8 hrs	₹ 18,500
NDS-CE-SC-04	Medically-Compromised Endodontics	Systemic-risk protocols.	8 hrs	₹ 18,500
NDS-CE-SC-05	Special-Needs Endodontic Care	Adapted-care techniques.	8 hrs	₹ 18,500

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