



# Inderprastha Dental College & Hospital

46/1, Site-IV, Industrial Area, Sahibabad,  
Ghaziabad-201010 (UP)



An IQAC initiative

# IP Dental Insights

January -March 2024

## About the Institution



Inderprastha Dental College, located in Sahibabad, Ghaziabad, India, stands as a beacon of excellence in dental education and healthcare. Established with a vision to impart comprehensive dental education and foster innovation in oral healthcare, the institution boasts state-of-the-art facilities and a dedicated faculty.

At Inderprastha Dental College, students embark on a transformative journey, guided by seasoned professionals and exposed to hands-on learning experiences. The curriculum is designed to blend theoretical knowledge with practical application, ensuring graduates are well-equipped to meet the evolving demands of the dental profession.

Beyond academics, the college promotes a culture of research and community engagement, encouraging students to explore new frontiers in dentistry and contribute to the society.

With a commitment to excellence and a passion for advancing oral health, Inderprastha Dental College continues to be a trusted institution shaping the future of dentistry in India and beyond.

### More information

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# Inderprastha Dental College: A Chronicle of Excellence

By Prof (Dr) Rahul Paul , Director - Principal

Established in 2006, Inderprastha Dental College, located in Sahibabad, Ghaziabad, embarked on a transformative journey in the realm of dental education. Rooted in a commitment to academic excellence and innovation, our institution has blossomed into a beacon of quality dental education, shaping the future of dentistry in India.

At Inderprastha Dental College Sahibabad Ghaziabad, aspiring dentists find opportunity with 100 BDS seats annually, nurturing future oral health professionals. Joining the ranks of skilled practitioners, they embark on a journey shaping smiles and promoting dental wellness.

In 2015, a significant milestone was achieved as the college introduced the Master of Dental Surgery (MDS) program, offering specialization in five distinct departments: Orthodontics & Dento Facial Orthopaedics, Conservative & Endodontics, Periodontology, Pediatric & Preventive Dentistry, and Prosthodontics Crowns & Bridges. The MDS program marked a pivotal moment in our journey, elevating our institution to new heights of academic distinction.

Building upon this momentum, 2021 heralded yet another milestone as the college further augmented its MDS capacity, offering 27 seats per year. This expansion not only reinforced our position as a premier dental institution but also opened new avenues for aspiring dental specialists to realize their full potential.

Central to our journey of excellence is our affiliation with Atal Bihari Vajpayee Medical University, Lucknow, U.P., India, which provides a robust framework for academic rigor and accreditation, ensuring that our programs adhere to the highest standards of quality and integrity.



At Inderprastha Dental College, we take immense pride in our state-of-the-art infrastructure, equipped with cutting-edge technology such as 3D printing, Aligners fabrication, Lasers, conscious sedation, endomicroscope, and more. This advanced infrastructure, coupled with our dynamic and experienced faculty, creates an environment conducive to holistic learning and professional growth.

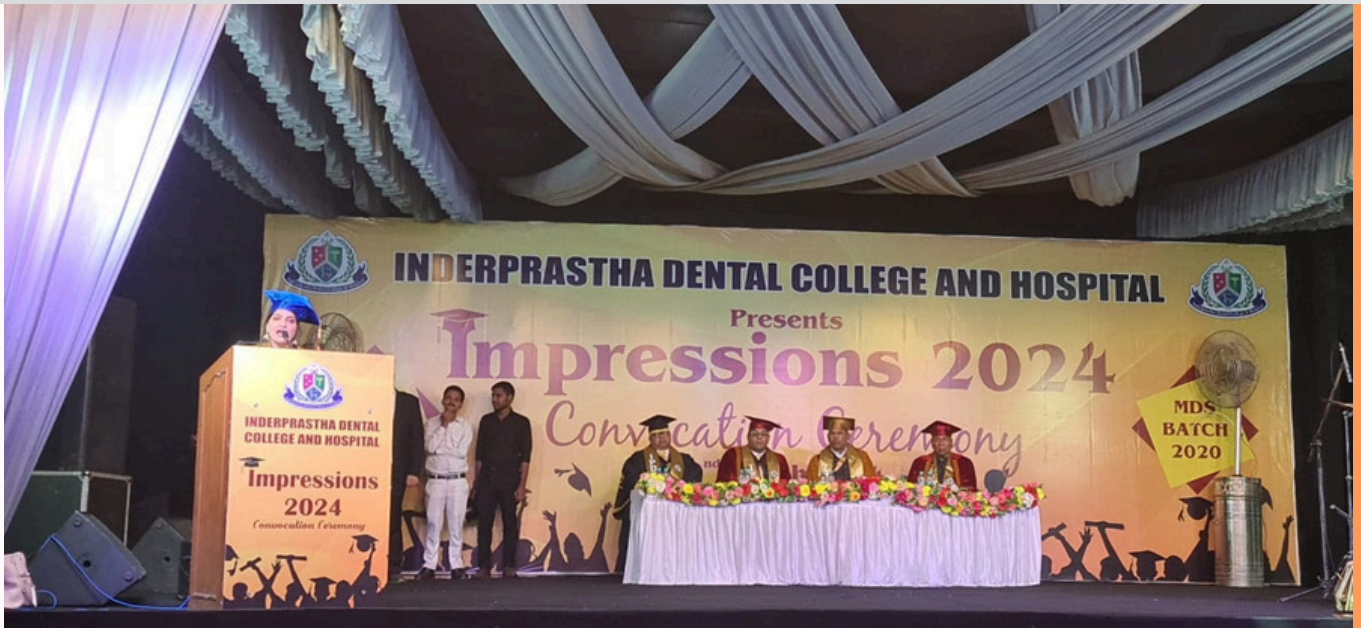
Admissions to our esteemed institution are facilitated through the National Eligibility-cum-Entrance Test (NEET), ensuring a transparent and merit-based selection process that upholds the principles of fairness and equal opportunity.

As we reflect on our journey spanning nearly two decades, we remain steadfast in our commitment to excellence, innovation, and service to society. With each passing year, Inderprastha Dental College continues to evolve, driven by a collective passion for advancing dental education and empowering the next generation of dental professionals to make a positive impact on the world.



# Impressions 2024

## Convocation



March 22, 2024, Inderprastha Dental College and Hospital marked a significant milestone with its convocation ceremony, bringing together the graduating MDS batch 2020 and BDS batch 2018. The event was meticulously planned, highlighting the achievements and talents of both students and faculty members.

The evening commenced with patriotic fervor as the National Anthem resonated through the venue, followed by Saraswativandana and the lighting of the lamp, symbolizing the enlightenment that education brings. The Convocation Walk, a formal procession of graduates, set the tone for the evening, underlining the importance of education in shaping their future.

Mr. Sudhir Agarwal Sir (Chairman), Mr. Nimish Agarwal Sir (Secretary) and Dr. Rahul Paul Sir (Principal) extended a warm welcome to the esteemed Chief Guest, Shri Narendra Kumar Kashyap Ji, Minister of backward classes welfare, Government of U.P., and Ex-member of Parliament.

Following the Chief Guest's address, the Oath Ceremony for the graduating students and the formal conferring of degrees took place, marking the transition from students to professionals in the field of dentistry. The evening culminated in the presentation of various awards, recognizing excellence in academics, extracurricular activities, and contributions to research and innovation.





# Impressions 2024

## Culturals



In addition to the formal proceedings, Impressions 2024, held on March 22, 2024, at Inderprastha Dental College and Hospital, showcased a vibrant array of cultural events and performances by both undergraduate and postgraduate students under the theme "Celebrating India". The evening was not only about academic achievements but also about celebrating the diverse talents within the college community.

Students took the stage to display their skills in various forms of artistic expression, including dancing, singing, and performing stunts, captivating the audience with their creativity and enthusiasm.

Moreover, the college band delivered a captivating performance, further enhancing the ambiance with their melodious tunes and rhythmic beats. Their contribution added a sense of camaraderie and unity to the gathering, fostering a spirit of celebration and togetherness among students, faculty, and guests.

Overall, Impressions 2024 not only celebrated academic achievements but also provided a platform for students to showcase their talents and creativity, making it a memorable and well-rounded event for everyone involved.





# Methodology for Researchology

## Continuing Dental Education Program



The Continuing Dental Education Program titled "Methodology for Researchology" convened on February 6th, 2024 by distinguished speaker, Prof (Dr.) Vivek Mehta (BDS, MDS). The CDE program organised by the Department of Pediatric & Preventive Dentistry conducted under the IQAC initiative served as a pivotal milestone in elevating research proficiency within our academic enclave.

Attended by a robust cohort of approximately 136 faculty members, undergraduate and postgraduate students, the program provided a comprehensive platform for delving into the intricacies of research methodology. Dr. Mehta's erudite presentation traversed critical topics, including the imperative need for manuscript writing, classification of sources, formulation of research questions, and a nuanced exploration of diverse study designs.

Participants were enlightened on crafting compelling research proposals, navigating authorship complexities, refining abstract composition, optimizing publication titles, and adhering to the IMRAD structure for cogent dissemination of research outcomes. Additionally, emphasis was placed on meticulous dissertation formatting.

The program's resonance was palpable as attendees departed imbued with newfound insights and fortified research acumen, poised to make substantive contributions to the tapestry of dental scholarship. This collective endeavor underscores our unwavering commitment to nurturing a culture of excellence



# National Cons Endo Day Celebrations



The National Cons and Endo Day was celebrated on March 5th, 2024, by Inderprastha Dental College and Hospital in collaboration with the Department of Conservative Dentistry and Endodontics. The aim of the event was to raise awareness about Conservative Dentistry, Endodontics, and Oral Health among the public.

To mark the occasion, the department organized an Intra-college Quiz Competition for both postgraduates and undergraduates, with recognition certificates and gifts awarded to the winners. Postgraduate students also performed a skit focusing on patient awareness and education.

In addition, the department showcased various patient education materials and provided counseling to patients on oral hygiene maintenance and dental treatments, including conservative, restorative, and endodontic procedures.

The event was attended by the Principal, Heads of Departments, and senior faculty members from various departments. An interactive photo booth was set up, adding to the engagement and enjoyment of the occasion.





# Faculty Development Program on Treatment Planning and Basics of Full Mouth Rehabilitation



The Department of Prosthodontics and Crowns & Bridges at Inderprastha Dental College and Hospital, Sahibabad, Ghaziabad hosted a comprehensive faculty development program on March 17, 2024.

Attended by 20 dedicated faculty members, the program served as a platform for enriching discussions and insights into the field.

In collaboration with Dentsply Sirona, renowned experts delved into the intricacies of full mouth rehabilitation, offering in-depth perspectives on various aspects.

The speaker's presentation navigated through critical topics including the timing and planning of full mouth rehabilitation, techniques for determining and registering post-operative vertical dimension, considerations for selecting occlusions in such cases, as well as post-rehabilitation restoration care strategies.

Moreover, the session addressed the delicate art of patient persuasion, exploring effective approaches to guide patients through the process of full mouth rehabilitation, ensuring both clinical excellence and patient satisfaction.





# World Oral Health Day Celebrations



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The World Oral Health Day 2024 theme, "BE PROUD OF YOUR MOUTH," inspired a month-long initiative at Inderprastha Dental College and Hospital. Led by the Department of Public Health Dentistry, the program aimed to raise awareness about oral health and promote healthy habits. Activities included dental check-up camps, school outreach campaigns, health education sessions, street plays, and competitions.

In the first week, dental health check-up camps were conducted alongside the distribution of informational materials and toothpaste samples. The second week featured the Brush and Boggie Campaign, offering free treatments and educational sessions at local schools. These sessions included practical demonstrations of proper toothbrushing techniques.

Subsequent weeks saw health education sessions, pamphlet distribution, pledge-taking ceremonies, and engaging activities such as smile photography and street plays. The program concluded with a closing health talk emphasizing the importance of sustained efforts in promoting oral health within the community.

The initiative, supported by Mr. Nimish Agarwal (Secretary) and Dr. Rahul Paul(Principal), aimed to empower individuals to take charge of their oral health and foster a healthier community. Through its diverse range of activities, the program underscored the significance of oral health as a reflection of overall well-being and highlighted the college's commitment to prioritize oral health awareness and education



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31, Block A, Sahibabad Industrial Area Site 4, Sahibabad, Ghaziabad, Uttar Pradesh 201005, India  
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Long 77.355539°  
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# Say No to Bleeding gums- 50 day drive

An Initiative by the Department of Periodontology in association with ISP



The Department of Periodontology, in collaboration with the ISP Study Group Delhi-NCR at Inderprastha Dental College & Hospital, embarked on an impressive 50-day initiative titled "Say No to Bleeding Gums". Guided by Head of Department and Professor (Dr.) Preeti Upadhyay, this campaign aims to be the world's largest oral health awareness drive.

The drive started on **23rd February 2024**, coinciding with **National Periodontist Day**, this initiative dedicated the day to emphasizing the importance of maintaining healthy gums, advocating for "No Bleeding Gums." The department organized a series of activities to enlighten budding dentists about the critical nature of Periodontal Health, including lectures, slogan writing competitions, reel making, and rangoli competitions.

The drive maintained its momentum on **International Women's Day, 8th March 2024**, with a focus on emphasizing oral health among women. Complimentary dental check-ups were provided.

Through lectures and a dental check-up camp held at Uch-Prarthamic Vidhyalaya, Maharajpur, approximately 250 individuals, predominantly pre-pubertal females, were educated about oral health and bleeding gums.

The campaign concluded on **World Oral Health Day, 20th March 2024**, with the distribution of oral health kits and screening sessions for over 750 individuals at various locations, aiming to raise awareness about periodontal problems. As part of general awareness efforts, a street play (nukkad-natak) was organized at Sahibabad railway station, where interns and postgraduates demonstrated enthusiastic participation.

The 50-day celebration concluded with a sense of achievement and presentation of certificates to winners. The department extends its gratitude to Mr. Nimish Agarwal (Secretary) and Dr. Rahul Paul (Principal) for their invaluable support, which significantly contributed to the success of this event.





# International Women's Day Celebrations



On the occasion of International Women’s Day on March 9, 2024, Inderprastha Dental College and Hospital hosted a dynamic event aimed at celebrating and empowering women conducted under IQAC initiative.

The day commenced with a heartfelt recognition of women's multifaceted roles across all spheres of life.

Following this, a vibrant cardio dance workout session, led by Ms. Shagun Krishna, engaged all female participants, emphasizing the crucial role of physical activity in women's lives.

Later in the day, attendees gathered for an enlightening lecture by Mr. Shrey Arora on the topic of financial independence for women.

Mr. Arora delved into various investment strategies, emphasizing the significance of mutual funds and Systematic Investment Plans (SIP) in securing financial stability.

A total of 108 females enthusiastically participated in the invigorating Cardio Dance Workout, while 67 women eagerly attended the informative lecture on financial independence.





# Empowering Dental Students with Basic Life Support Skills:



In a bid to equip future dental professionals with crucial life-saving skills, Inderprastha Dental College Sahibabad Ghaziabad organized a comprehensive Basic Life Support (BLS) course on 7th February 2024 for BDS 1st year students under the "FABLS" program copyrighted by the institution with the Copyright Office, Government of India. The course served as a pivotal step in enhancing their readiness to handle medical emergencies effectively within dental settings.

Led by experienced instructors and healthcare professionals specializing in emergency medicine, the curriculum delved into fundamental concepts including cardiopulmonary resuscitation (CPR), airway management, and the proper use of automated external defibrillators (AEDs).

Through a combination of theoretical lectures, hands-on demonstrations, and simulation exercises, participants gained invaluable insights into recognizing and responding to various medical emergencies such as cardiac arrest, choking incidents, and anaphylaxis. Emphasis was placed on developing rapid assessment skills, effective communication strategies, and the ability to work cohesively as part of a multidisciplinary team in high-pressure situations.

The course not only provided students with the technical know-how to administer timely and effective interventions but also instilled confidence and a sense of preparedness to handle emergency situations with poise and competence.





January -March 2024

# Facial Aesthetics Introductory lecture



On January 31, 2024, Inderprastha Dental College & Hospital, in collaboration with Clinic Eximus and Steinbeis-Hochschule University, Berlin, Germany, hosted an introductory session on FACIAL AESTHETICS.

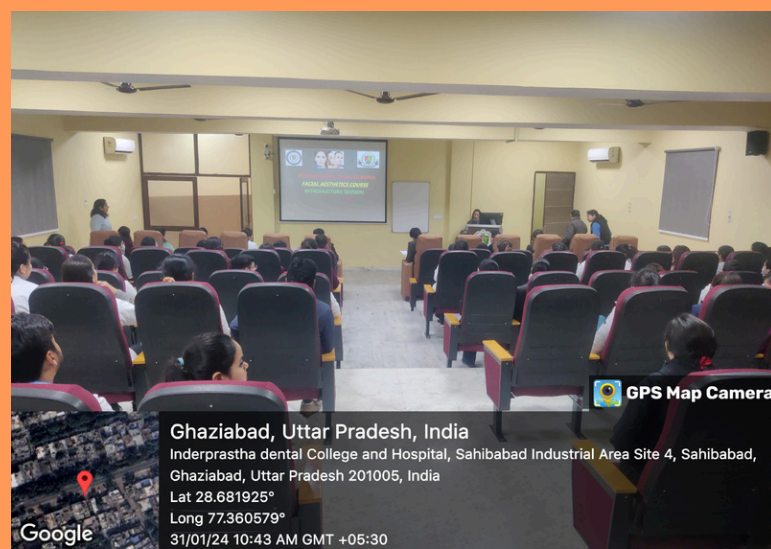
The distinguished speakers for the event were Dr. Vipul Shandilya (MBBS, Master Trainer) and Dr. Perna Taneja (BDS, MDS, FMC, CAM).

Key points covered during the session included the advantages of practicing facial aesthetics, insights by the mentors and strategies for integrating facial aesthetics into dental practice.

The session emphasized the practical applications of facial aesthetics in clinical settings and provided an overview of the legal considerations associated with practicing in this field.

Ninety-eight attendees, including postgraduate students, interns, and final-year BDS students, participated in the session.

Additionally, the program pledged ongoing support and knowledge-sharing opportunities for enrolled students.





# Special Camp



On the crisp morning of January 28, 2024, a special dental camp was organised in East Delhi by Inderprastha Dental College and Hospital. A vibrant tapestry of activities unfolded, all dedicated to a singular cause - spreading awareness about tobacco cessation.

Organized in collaboration with the IDA East Delhi branch and D.R. Patel Memorial Trust (NGO), the event was a beacon of hope in the fight against tobacco addiction. A multifaceted approach was adopted to engage participants of all ages and backgrounds.

The day began with a spirited camp, where individuals could seek guidance and support in their journey towards quitting tobacco. Expert counselors and healthcare professionals stood ready to lend a listening ear and offer invaluable advice.

As the sun climbed higher in the sky, a flurry of feet hit the pavement for a walkathon. Participants, adorned in vibrant hues, marched in solidarity, each step a testament to their commitment to a healthier lifestyle.

In the heart of the festivities, a captivating nukkad natak by a talented theatre group mesmerized the audience. Through the art of storytelling, poignant messages about the dangers of tobacco echoed through the air, leaving an indelible impact on all who bore witness.

Amidst laughter, learning, and camaraderie, the event served as a powerful reminder of the collective strength in the fight against tobacco addiction. Together, the community of Inderprastha Dental College, along with their esteemed partners, paved the way for a brighter, tobacco-free future.





# Paraverbal language Program



On February 16, 2024, Inderprastha Dental College and Hospital orchestrated a thought-provoking and enlightening event that delved deep into the realm of communication within clinical encounters. Titled "Paraverbal Language: An Essential Requisite for Doctors in Managing Clinical Encounters," the program was a beacon of knowledge and insight.

Led by the esteemed speaker Dr. Tripti Tyagi, the event provided a platform for students and professionals alike to explore the intricate dynamics of paraverbal communication. Through engaging discussions, interactive sessions, and illuminating presentations, attendees were empowered with the tools and understanding necessary to navigate the complexities of human interaction within healthcare settings.

The event underscored the indispensable role of paraverbal communication in building rapport, fostering trust, and enhancing patient outcomes. Attendees gained a deeper appreciation for the subtle nuances of speech delivery, including pitch, tone, pacing, and emphasis, and learned how these factors can profoundly impact the patient-doctor relationship.

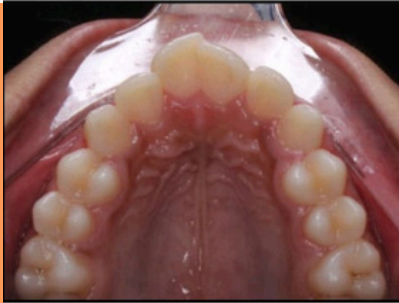
Throughout the program, participants were encouraged to reflect on their own communication styles and to hone their skills in active listening, empathy, and nonverbal cues. Dr. Tyagi's expertise and guidance proved invaluable, inspiring attendees to strive for excellence in every aspect of their clinical practice.





# Special Case

## Department of Orthodontics & Dentofacial Orthopaedics Treatment of Dental Crowding with new fabricated fixed expander



Before



After



The case report highlights the evolution of maxillary expansion techniques and their effectiveness in addressing transverse irregularities.

Notably, slow maxillary expansion (SME) has gained popularity due to its reliable outcomes. The case report details the treatment of a 15-year-old female patient with dental crowding using a new fabricated fixed expander to create space in the upper arch.

The appliance design and activation process are described, along with the observed expansion of approximately 4mm after one month.

Subsequent fixed appliance therapy successfully addressed anterior crowding without the need for interproximal reduction.

Discussion includes the transition of the arch shape and the dental effects of maxillary expansion, referencing relevant studies that support the efficacy of SME combined with fixed appliance therapy.

The conclusion emphasizes the successful treatment outcome and the need for long-term stability evaluation.



# Special Case

Department of Periodontology

## Successful Root Coverage Procedure for Receding Gums



Preoperative picture showing root recession irt 31,32,41,42



Mucograft sutured on defect site



Postoperative picture showing full recession coverage

### Background:

A patient presented to the Department of Periodontology at Inderprastha Dental College, Sahibabad, Ghaziabad, with a chief complaint of receding gums in the lower front region persisting for one year. Upon clinical examination, Miller's Class I and II gingival recession were observed in relation to teeth 31, 32, 41, and 42.

### Treatment Plan:

A comprehensive treatment plan was formulated for the patient, which included Phase 1 Therapy and subsequent root coverage procedures.

### Phase 1 Therapy:

The initial phase of treatment involved full-mouth supra and subgingival scaling to remove calculus and plaque deposits. Additionally, root planing was performed specifically targeting teeth 31, 32, 41, and 42 to eliminate any bacterial biofilm and smooth the tooth surfaces.

### Root Coverage Procedure:

The root coverage procedure was performed using mucograft with coronally advanced flap technique. This method is aimed at achieving complete coverage of the exposed root surfaces while maintaining esthetics and function.

### Postoperative Evaluation:

Six months postoperatively, the patient was re-evaluated to assess the outcomes of the root coverage procedure. The evaluation revealed an excellent result, with 100% root recession coverage achieved.



# Special Case

## Department of Conservative Dentistry & Endodontics

### Managing Combined Endodontic-Periodontal Lesions: A Case Report

**Introduction:** Combined periodontal-endodontic lesions present diagnostic challenges, involving both pulp and periodontal tissues. Bacterial infection is central to their development, with divergent disease progression paths.

**Management:** Effective management involves endodontic treatment, focusing on extra roots, followed by regenerative periodontal therapy, including bone graft placement and a 6-month follow-up.

**Conclusion:** Successful treatment of combined lesions in a mandibular molar hinges on precise diagnosis and strategic regenerative procedures, considering factors like periodontal disease extent, therapeutic prognosis, and patient compliance.



Pre-operative (Mesial Angulation) Working length ( Distal Angulation) Working Length



Calcium Dressing Master Cone Obturation



Obturation Flap Raised Placement of Bone Graft



Adaptation of the collagen matrix Sutures for 1week Complete Healing after 15 days



# Special Case

Department of Pediatric & Preventive Dentistry

## Nitrous Oxide Inhalation Conscious Sedation for Pulpectomy in a Pediatric Patient



Pulpectomy in relation to 85 performed under Nitrous oxide inhalation Conscious Sedation



Pre operative x-ray in relation to 85



Post operative x-ray in relation to 85

**Introduction:** Nitrous oxide conscious sedation is a valuable tool in pediatric dentistry for managing anxious patients. This report describes its successful use for a pulpectomy on tooth 85 in a pediatric patient.

**Procedure:** Nitrous oxide sedation was administered prior to the pulpectomy. The patient remained responsive and cooperative throughout. Local anesthesia was used for pain control during the procedure, which was performed following standard protocols.

**Postoperative Care:** The patient was closely monitored post-procedure and discharged with instructions. A follow-up appointment was scheduled to monitor healing.

**Conclusion:** Nitrous oxide sedation facilitated a successful pulpectomy in a pediatric patient, demonstrating its effectiveness in managing dental anxiety and ensuring a positive treatment experience.



# Special Case

Department of Oral Surgery

## Case of Pan-Facial Trauma operated under General Anaesthesia



In a commendable display of surgical expertise and compassionate care, the Department of Oral and Maxillofacial Surgery at Indraprastha Dental College and Hospital, Sahibabad, Ghaziabad, successfully managed a challenging case of pan-facial trauma.

Under the meticulous administration of general anesthesia, the surgical team conducted an intricate procedure involving open reduction and internal fixation, followed by the precise application of inter-maxillary fixation.

This comprehensive approach not only addressed the physical injuries but also emphasized the importance of restoring facial harmony and function.

The successful outcome stands as a testament to the dedication and skill of the medical professionals involved, underscoring their commitment to restoring health and well-being."





# Special Case

Department of Prosthodontics and Crowns & Bridges

## Implant retained provisional fixed prosthesis



Maxillary & Mandibular Edentulous residual alveolar ridges



Multi Unit Abutments secured



Flaps approximated



Existing mandibular denture loaded with light body impression material placed over implants



Denture secured firmly until the initial set of the cold cure acrylic





# INDERPRASTHA DENTAL COLLEGE & HOSPITAL



- Recognised by Dental Council of India
- Recognised by Ministry of health & Family Welfare, Government of India
- Affiliated to Ch. Charan Singh University, Meerut
- Affiliated To Atal Bihari Vajpayee Medical University, Lucknow

Branch	Seats per annum
Conservative Dentistry and Endodontics	6
Orthodontics and Dentofacial Orthopaedics	6
Prosthodontics and Crown & Bridge	5
Paedodontics and Preventive Dentistry	5
Periodontology	5

**MDS**  
27 Seats

**BDS**  
100 Seats



## International Student Exchange Program

- International Exchange Students from many different European countries come to Inderprastha Dental College & Hospital to enhance their skill set.
- Students of Inderprastha Dental College & Hospital also visit International Dental Colleges in order to learn new & innovative technology in Dentistry.



## CONTACT

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