

WithZine INDIA

July 2026

Vol.7

vatech

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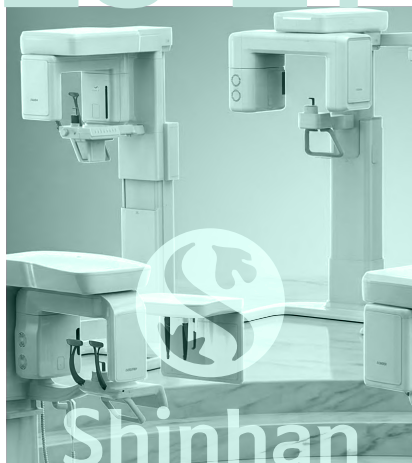
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Our Promise

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Pay with ease through easy EMI,
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Own your Dream CBCT/ OPG today
Pay with ease through easy EMI,
financing support from shinhan bank

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vatech × SAMSUNG

Korean biggest dental & technology leaders



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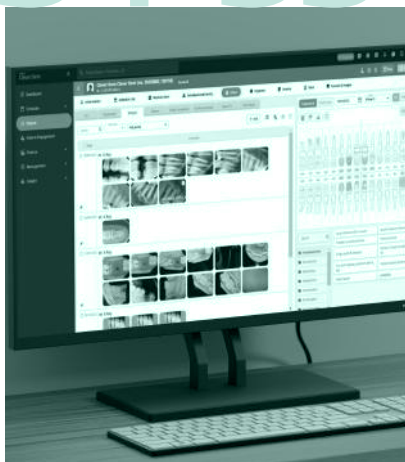
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Vatech Lab

Backed with Years of
Trusted Experience

Welcome

We're delighted to welcome our newest customers to the Vatech family



2D

Doctor/Clinic Names

Dr Tejasvi Saigal
Dr. Shamsur Rahman
Pavan Rajendra Tryambake
Dr. Neethu P
Mr. Pawan Kumar
Dr. Mownika Bg
Eklavya Dental College And Hospital
Rimt University
Dr. Sam Paul J
Dr Om Prakash Jaiswal
Dr Siddharth Jolly
Gursimran Singh Pabla
Dr. Anuj Jain
Bactro Clinical Laboratory
Allareddy Swapna
Dr. Rahul Varma
Sadiq Siddiqui
Anshu Verma

State

Uttar Pradesh
Delhi
Maharashtra
Karnataka
Bihar
Tamil Nadu
Rajasthan
Punjab
Tamilnadu
Madhya Pradesh
Madhya Pradesh
Punjab
Chhatisgarh
West Bengal
Andhra Pradesh
Delhi
Uttarakhand
Uttar Pradesh

#vatechfamily

Our Success Begins With You



2D

Doctor/Clinic Names

State

Piyush Tandon
Sri Kauvery Medical Care (India) Limited
Kapil Medical Pvt. Ltd.
Shivani Diagnostic Centre
Mimer Medical College
Maram Reddy Haroranjini
Geetanjali Institute of Dental Sciences
(Geetanjali Institute of Medical Sciences)
Dr Mayank Saraf
Chelakara R Sailaja
Mr Ravindra Reddy
Medilens Diagnostics
Dr Chaitanya

Uttarakhand
Karnataka
Delhi
Madhya Pradesh
Maharashtra
Telangana
Rajasthan
Madhya Pradesh
Telangana
Andhra Pradesh
Karnataka
Telangana



Whether or not we've received your photo, we are sincerely thankful for choosing us!
We truly value you as our customer.

Welcome

We're delighted to welcome our newest customers to the Vatech family



3D

Doctor/Clinic Names

- Tarun Mittoo
- Dr Deepak Girdhar
- Ndc Dental Smiley Private Limited
- Dr. Hardik Panot, Ram Oral Diagnostic Centre
- Sikka Rohan
- Kaustubh Opg & Cbct Centre
- Rakesh Jethmal Jain
- Kings Dental Center
- Goje Krishna Mohan
- Apple Diagnostics & Lab

State

- Punjab
- Punjab
- Karnataka
- Gujarat
- Delhi
- Jharkhand
- Maharashtra
- Kerala
- Andhra Pradesh
- Karnataka

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Our Success Begins With You



3D

Doctor/Clinic Names

Mr. Jatinder Singh
 Sarvhit Scans
 Omkar Mri And Diagnostic Centre
 Vala Bhagirath Bhupatbhai
 Ora Cbct And Scan Hub
 Dr. Sree And Arun's Dental Clinic
 Chiranjeevi Reddy

State

Punjab
 Delhi
 Maharashtra
 Gujarat
 Rajasthan
 Kerala
 Karnataka



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vatech CBCT Clinical Insight

CBCT Seminar, Bengaluru



12-07-26 

The Vatech Circle – Bengaluru Edition marked another successful chapter in Vatech India's commitment to advancing dental education and promoting excellence in digital dentistry. Held at Radisson Blu Bengaluru Atria, the program brought together dental professionals for an immersive learning experience centered on the latest advancements in Cone Beam Computed Tomography (CBCT) and its growing role in modern clinical practice.

The scientific session, "Mastering CBCT in Modern Dentistry: From Diagnosis to Definitive Treatment Planning," was delivered by Dr. Chethan B. R., M.D.S. (Oral Medicine & Radiology). Through a series of clinically relevant case presentations and expert discussions, Dr. Chethan highlighted the significance of CBCT in accurate diagnosis, comprehensive treatment planning, and interdisciplinary dental care.



vatech CBCT Clinical Insight

CBCT Seminar, Bengaluru

A key highlight of the program was the hands-on workshop on **Ez3D-i**, Vatech's advanced 3D imaging software. Participants had the opportunity to work directly with the software, gaining practical experience in image reconstruction, multiplanar navigation, nerve tracing, airway analysis, implant simulation, and detailed case evaluation. The interactive nature of the workshop allowed attendees to strengthen their understanding of digital workflows while learning techniques that can be seamlessly integrated into everyday clinical practice.



As Vatech India continues its journey across the country, The Vatech Circle will remain a platform where education, technology, and collaboration come together—enabling dental professionals to stay ahead in an ever-evolving digital era and shaping the future of modern dentistry.

Thank you to all the dentists who participated and made the Bengaluru Edition a great success.



Upcoming vatech CBCT Clinical Insight

vatech CBCT Clinical Insight, Chandigarh



**vatech
CBCT Clinical Insight
4th Edition at Chandigarh**

**Keynote speaker
Dr. Mayank Das**
M.D.S. (Oral Medicine & Radiology)

An exclusive Learning Program On:

**Mastering CBCT &
Transforming Diagnosis
into Growth**

Exclusive Meet & Greet with Curated
Lunch & Refreshments

9th August 2026
(Sunday)

11:00 AM
(Onwards)

**The Lalit
Chandigarh,**
IT Park Rd, Sector 13,
Chandigarh, Sukteri,
Chandigarh 160101

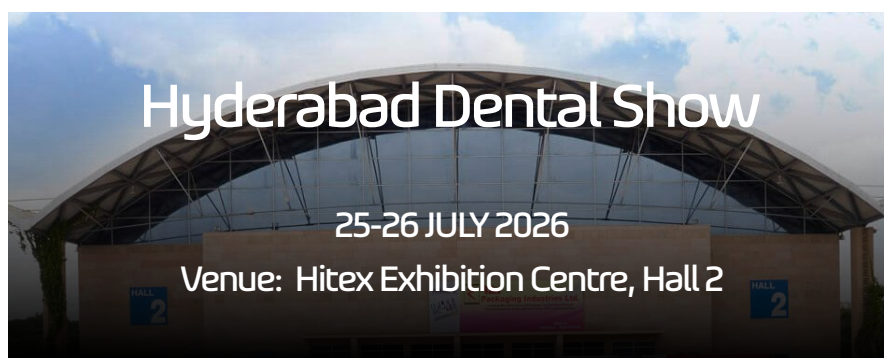
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Upcoming Exhibitions

Mark Your Calendar



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SEE YOU THERE

Spotlight June

Trade In Your Old Intraoral Sensor
& get ₹30,000 Buyback*



On Upgrade of
EzSensor HD

33 lp/mm HD Resolution

Give us your Old Intraoral Sensor, Any Brand, Any Condition

*T&C No other offers can be clubbed

Get **Valt Airbridge** Worth ₹45,000
complimentary*



Valt AirBridge
Worth:
₹45,000/-



On Purchase of
EzSensor HD

33 lp/mm HD Resolution



Wireless 1 IOS, Multi chair Easy Installation

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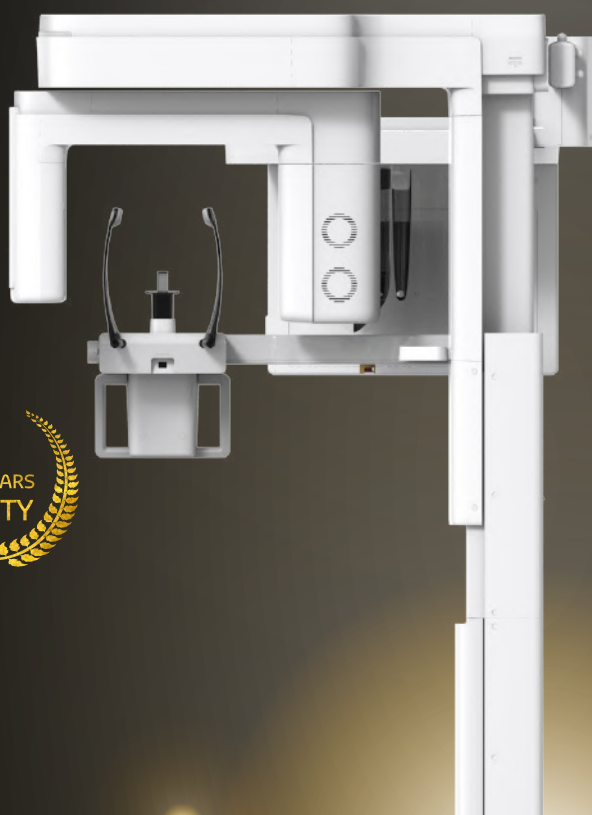
*T&C No other offers can be clubbed

Spotlight June

Perfect Combo Perfect Value!

On Purchase of:

Smart/ Green CBCT + Valt Intraoral Scanner



As a complimentary

High Configuration

Gaming Laptop

*T&C No other offers can be clubbed

Perfect Combo Perfect Value!

EzSensor Classic™



EzRay Air Plus™



1.5

₹1,99,000/-

~~₹2,09,000/-~~

₹10,000/- Off



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Global News

Vatech Networks News is a monthly highlight that connects HQ & global teams through shared culture & stories.

Why Early Care Matters: Access Changes Everything | Portugal

For many children, oral health inequality begins long before treatment ever starts. In Portugal, a significant number of children experience dental problems at an early age, yet many cases remain untreated. Limited access to timely care can cause small problems to develop into pain, discomfort, and lasting effects on daily life. This is why early access matters. By reaching children early, dental professionals can identify problems before they become more serious, provide timely care, and help reduce the burden that untreated oral disease places on children and their families. In this setting, access means more than treatment alone. It means ensuring that children are seen earlier, treated sooner, and supported before oral health problems become more difficult to address.

Global News

Vatech Networks News is a monthly highlight that connects HQ & global teams through shared culture & stories.



2026.06

vatech mcis obtained Korea's first Ministry of Food and Drug Safety (MFDS) Class 4 approval for its zirconia implant, 'Perfit FX'. Zirconia offers excellent aesthetics and biocompatibility, but its high fracture risk and processing difficulty have long limited commercialization. Overcoming these barriers with its proprietary patented technology, the company successfully completed its 'Material-Prosthesis-Implant' ceramic ecosystem.



2026.06

vatech taiwan announced a meaningful CSR initiative tied to an equipment upgrade project. ABC Hospital, Taiwan's largest dental hospital, replaced its existing Pax-i equipment with Vatech's premium 'Green X 12' and donated the equipment to public health centers in the central region. This donation will contribute to improving the local medical environment while serving as an opportunity to strengthen the partnership with the Central Dental Association.

Looking for Direct Vatech Support?



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To be ready / register for Support - Please have the Device & Serial Number ready available with you while on call. The SN is found on the Tag / Located on the left side of the device. It is required to have the best available information in our records and to verify & provide the fastest service possible.

Instruction for Remote Assistance – Through TeamViewer

1. Please download the TeamViewer client - click the button below.
2. You will be prompted to "Run & Install". Please run the TeamViewer Quick Support Client.
3. Once download finished, click on the button to install or run TeamViewer Quick Support.
4. You will find a place to fill your Name, kindly fill it and click on the connect button and wait for our customer care executive to activate remote assistance.
5. Once it starts - you may interact with each other thru TeamViewer to share your concern.

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Download Teamviewer



Offline Vatech Technical Service Centre
Register Your Concern on : www.vatechindia.in/direct
Call Us on Phone : 959 981 2206
E-Mail Us on : contactus@vatechindia.in

Phone & E-mail Hours of
Monday-Saturday: 8:00AM to 8:00PM (IST)

Warranty Ending Soon?

Don't worry Our AMC & CMC Plans
Ensure Continuous Support

Scope of Work (AMC Visits Include):	Scope of Work (CMC Visits Include):
• General inspection of system performance • Lubrication of mechanical moving parts • Alignment of machine components • Image calibration for optimal diagnostic output • Machine alignment check & correction • Generator test & performance verification • Complete Hardware (H/W) testing • Software (S/W) updates & reinstallation, if needed • Recommendations for replacement (if any)	• Visual inspection of mechanical & electronic components • Cleaning of sensor, arm, & rotating parts • Lubrication of mechanical joints & moving parts • System alignment check • Image calibration test • Generator function test • Complete hardware functionality test • Software version check & update • Safety & radiation compliance verification • Service report submission post each visit

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vatechindia News



Shinhan

Thinking of Upgrading to a CBCT, (Panorama/OPG) 2D Imaging System?

But concern about the upfront Investment?



With Vatech India's financing support through **Shinhan Bank**, you don't have to wait.

Invest in advanced diagnostic technology today and repay comfortably through affordable monthly EMIs. Let your imaging system help generate the revenue that supports its own repayment.

Why Choose EMI Financing?

- Minimal upfront financial burden
- Flexible loan tenures and attractive interest rates
- Fast and simple approval process
- Preserve working capital for your clinic operations
- Start earning from CBCT and Pano (OPG) services immediately

vatechindia News

Make Your Machine Work for You

Let your imaging system help generate the revenue that supports its own repayment



Every scan performed on your Vatech CBCT or Pano (OPG) 2D contributes to your practice growth and helps cover your monthly installment. Instead of delaying your investment, start benefiting from advanced imaging technology now while paying over time.

Available for:
CBCT Systems: 3D Imaging Solutions
Panorama(OPG) 2D Systems

Don't let budget constraints delay your clinic's growth. Invest today, scan tomorrow, and pay comfortably through easy EMI options

Contact Your Nearest representative

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To learn about the latest Shinhan Bank financing schemes, eligibility criteria, & personalized EMI simulations



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Korean biggest dental & technology leaders



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CBCT with 10 Years Warranty
& get a **FREE Samsung
Galaxy Z Fold 7 (12/256 GB)**

Purchase a A9™ or SmartPlus™
CBCT with 10 Years Warranty
& get a **FREE Samsung
Galaxy Z Flip 7 (12/256 GB)**

Your Reward Awaits!

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Korean biggest dental & technology leaders

Our Happy Customers

Thank you for choosing Vatech CBCT with 10-year warranty & a complimentary Samsung phone because **you** deserve more



& Many more...

Star Performers

Meet the Star Performers of the month

Star Performer (Sales)



Mr. Amar Tyagi
Senior RSM

Congratulations on your remarkable journey and achievements! Your leadership, extensive industry expertise, and customer first approach continue to inspire confidence and drive success. Wishing you many more milestones ahead.

Once again congratulations and thank you.



Star Performer (Service)



Mr. Satyaprakash Sharma
Sr. Customer Support Engineer

Congratulations on this well-deserved recognition! Your dedication, professionalism, and commitment to delivering exceptional customer support have truly made a difference. Thank you for your outstanding contributions, and wishing you continued success in the journey ahead.



Congratulations to our Star Performers!

Star Performers

Meet the Star Performers of the month

Star Performer
(Sales Operation & CS Admin)



Mr. Amit Tanwar
Part Leader

Congratulations on your well-deserved recognition! Your dedication, professionalism, and unwavering commitment to supporting both customers and the team have made a lasting impact. Thank you for your outstanding contributions, and wishing you continued success.



Star Performer
(Accounts Executive)



Ms. Gracy Chhetri
Accounts Executive

Congratulations on this well-deserved recognition! Your commitment, diligence, and dependable support continue to strengthen our organization and inspire those around you. Thank you for being an integral part of our success.



Congratulations to our Star Performers!

Top Dealers

Recognizing our top-performing dealers who drive excellence and growth



NORTH-1

Chaman Dental Suppliers



NORTH-2

Divine Medical Systems



NORTH-3

Medi Shield Health Care



WEST-1

Prashant Enterprises



WEST-2

Arvind Dental Traders



EAST

Aditya Enterprises



SOUTH-1

Trudent Technologies



SOUTH-2

Cube Dental Equipments



Congratulations to our Top Dealers of the Month of June

Your outstanding performance, dedication, and continuous hard work have truly set you apart. Achieving consistent growth and delivering excellence month after month is not easy, and your efforts deserve sincere recognition and appreciation.

We are incredibly grateful for the trust and confidence you continue to place in Vatech. Your commitment to supporting dentists with advanced imaging solutions, building strong customer relationships, and representing the brand with professionalism has played a vital role in this success.

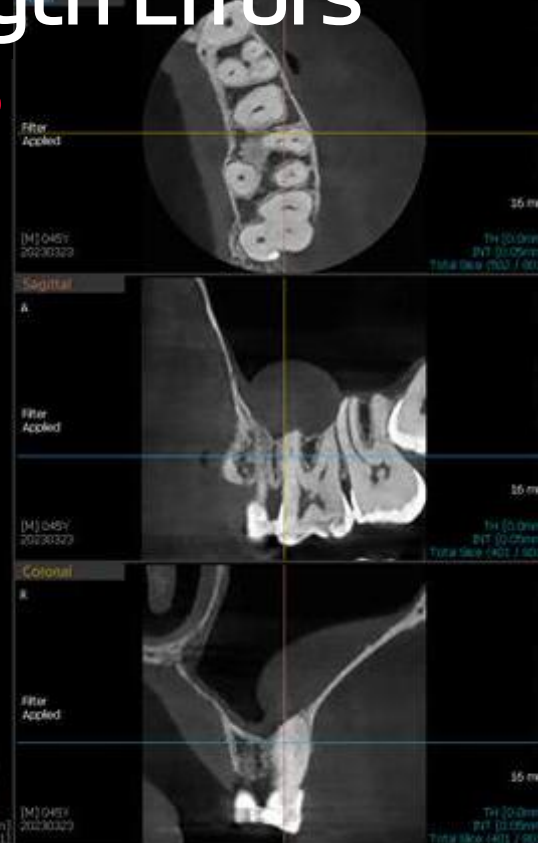
This achievement reflects not only your sales performance, but also your passion, persistence, and belief in long-term growth. Your contribution inspires everyone around you and strengthens our journey together as partners.

Thank you for your continued support and dedication. We look forward to reaching even greater milestones together in the months ahead. Keep growing, keep inspiring, and keep leading the way toward new success!



The Hidden Cause of Endodontic Failure: Length Errors

See What CBCT Reveals



When Every Millimeter Matters

The success of root canal treatment depends on several factors, but one principle remains constant **accurate working length determination**. Even a deviation of a few millimeters can influence the outcome of treatment, affecting healing, patient comfort, and long-term tooth survival. Endodontic procedural errors continue to be one of the leading causes of treatment failure. These errors can be broadly categorized into three groups:

1

Length Errors



Underfilling, Overfilling

2

Cleaning & Shaping Errors



Ledge Formation, Apical Transportation, Perforations, Instrument Separation

3

Obturation Quality Errors



Voids, Lack of Taper, Poor Homogeneity

Among these, length control errors are the most frequently encountered and have the greatest impact on treatment prognosis. Failure to establish and maintain the correct working length often results in either underfilling or overfilling of the root canal system—both of which compromise treatment success.

Understanding Length Errors

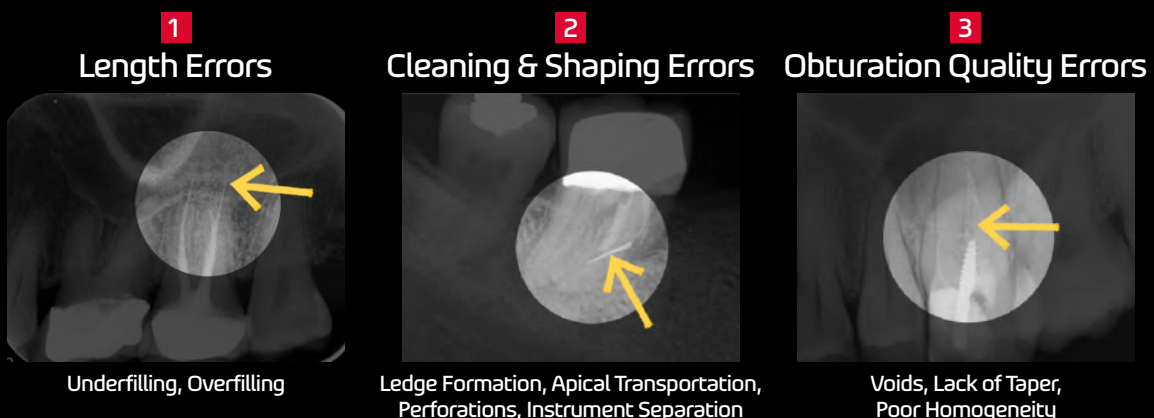
Underfilling: Leaving the Infection Behind

Underfilling occurs when the obturation material terminates more than 2 mm short of the radiographic apex. Although the canal may appear adequately treated on a conventional radiograph, the apical portion often remains untouched.

Several factors contribute to underfilling, including:

- Incorrect working length determination
- Canal calcification
- Ledge formation
- Canal blockage
- Inability to negotiate complex canal anatomy

When the apical third is not properly cleaned and sealed, bacteria remain within the canal system, allowing persistent infection to continue. This frequently results in chronic periapical inflammation and delayed healing. Clinical studies have demonstrated that the success rate of root canal treatment decreases to approximately 68% in underfilled cases, highlighting the importance of precise length determination.



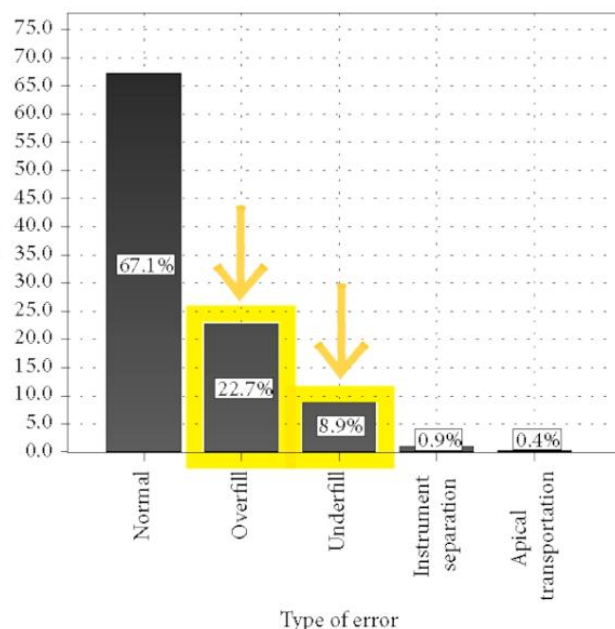
Overfilling: Beyond the Apex

Overfilling occurs when obturation material extends beyond the apical foramen. While often considered a sign of aggressive instrumentation, it usually reflects a loss of working length control. Common causes include:

- Incorrect working length measurement
- Over-instrumentation
- Destruction of the apical constriction
- Canal transportation
- Root perforation

Extruded filling material may irritate surrounding tissues and provoke inflammatory or foreign-body reactions, compromising the biological seal necessary for healing.

Research indicates that overfilled canals demonstrate a reduced success rate of nearly 76%, emphasizing that exceeding the apex is equally undesirable.



Why Conventional Radiographs Are Not Always Enough?

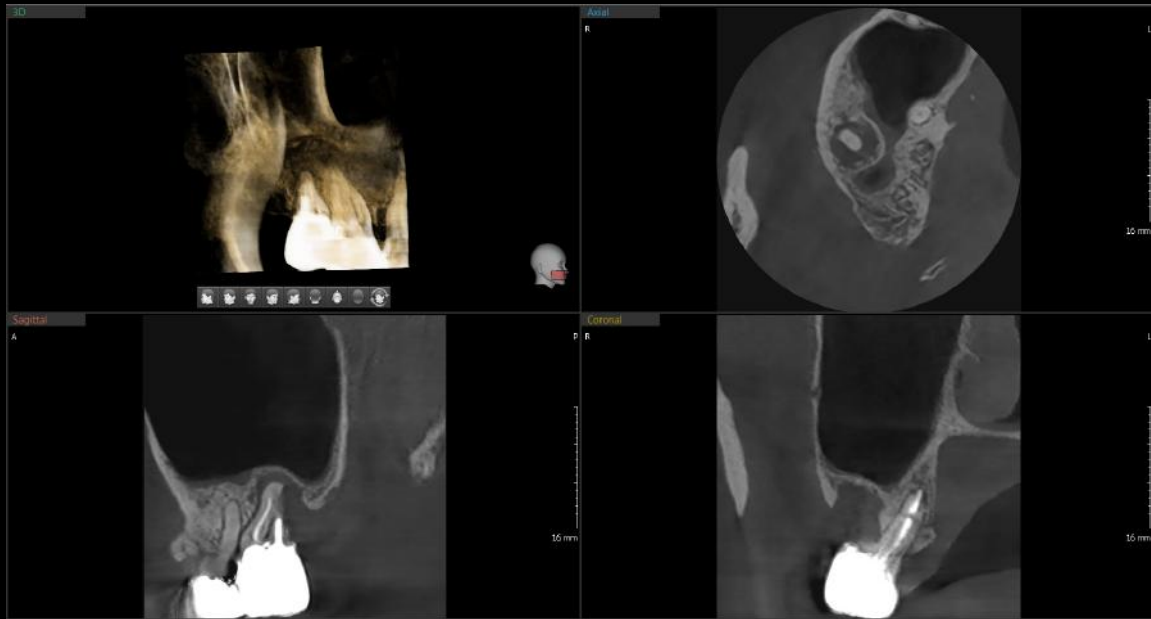
Periapical radiographs have long served as the standard imaging modality in endodontics. While invaluable for routine diagnosis, they possess inherent limitations. Being two-dimensional, they cannot always accurately depict:

- Root curvature
- Canal morphology
- Exact obturation length
- Extent of periapical lesions
- Superimposed anatomical structures



These limitations may conceal the true cause of treatment failure, especially in multirooted teeth or retreatment cases.

CBCT: A Three-Dimensional Solution



Cone Beam Computed Tomography (CBCT) has transformed endodontic diagnosis by providing high-resolution three-dimensional visualization of the tooth and surrounding anatomy. Unlike conventional radiographs, CBCT enables clinicians to:

- Evaluate obturation length in three dimensions
- Assess complex root canal anatomy
- Detect missed or untreated canals
- Identify periapical bone destruction
- Diagnose root fractures and perforations
- Plan retreatment with greater confidence

Rather than replacing conventional radiographs, CBCT serves as a powerful adjunct in complex cases where additional anatomical information is required.

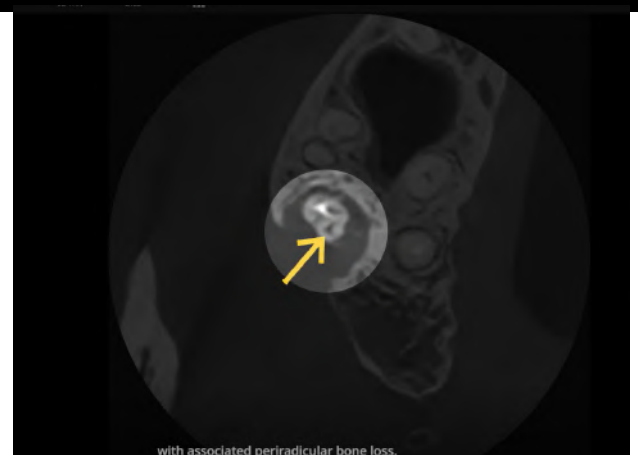
Clinical Case: When CBCT Revealed the Real Problem



A patient presented with persistent periapical pathology following root canal treatment of the **maxillary right second molar**. The initial periapical radiograph revealed a radiolucent lesion around the apex. However, due to overlapping anatomical structures, neither the actual extent of bone loss nor the quality of obturation could be accurately assessed. To obtain a more comprehensive evaluation, CBCT imaging was performed.

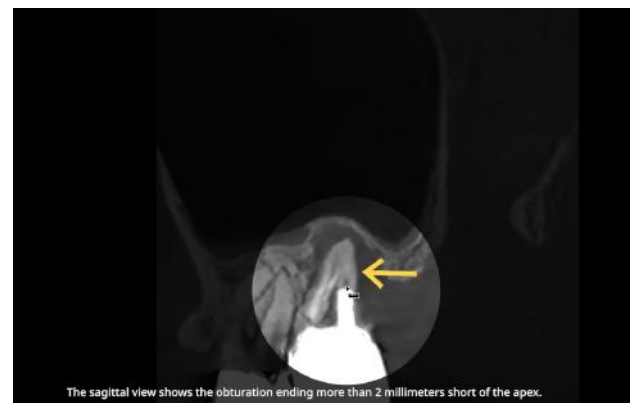
Axial View

The CBCT axial slices demonstrated an underfilled distobuccal canal located beneath an existing post. Significant periradicular bone loss was observed around the affected root. The untreated apical third had allowed residual bacteria to persist, explaining the ongoing infection despite previous treatment.



Sagittal View

The sagittal reconstruction confirmed that obturation terminated more than 2 mm short of the apex, clearly identifying inadequate working length control. Additionally, discontinuity of the surrounding bone adjacent to the post raised suspicion of a vertical root fracture.

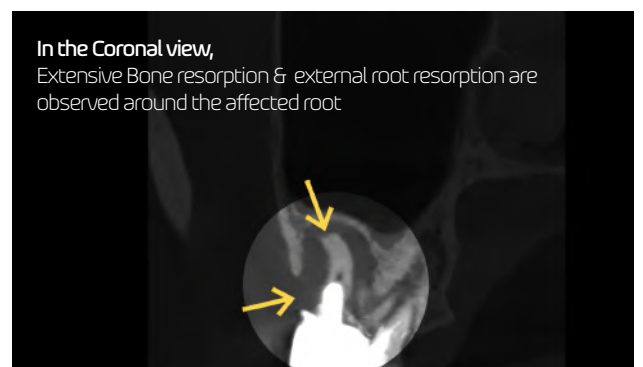


Coronal View

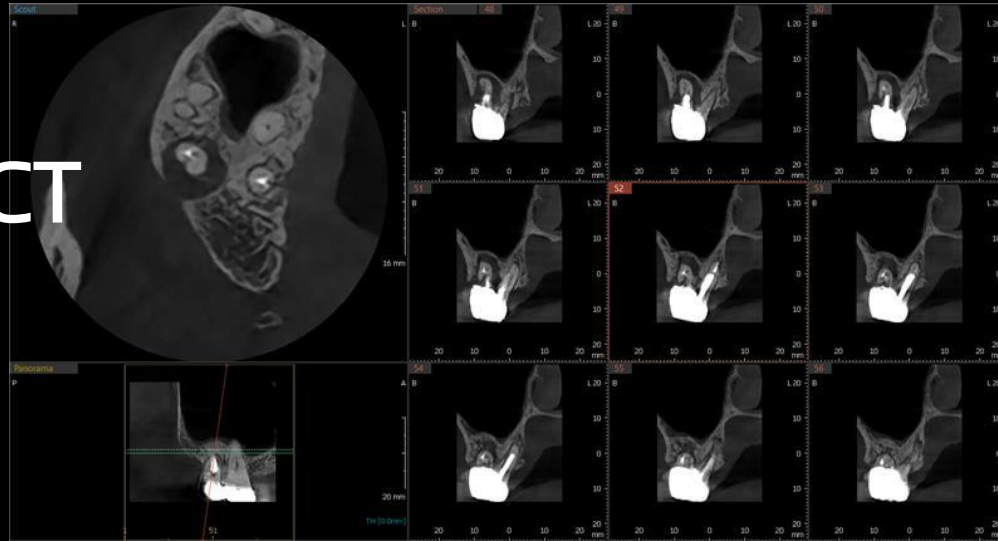
The coronal sections revealed extensive periapical bone destruction together with external root resorption surrounding the affected root.

The three-dimensional assessment provided information that was impossible to appreciate on conventional radiographs alone.

Because of the extensive inflammatory destruction and suspected root fracture, nonsurgical retreatment was no longer a predictable option, and extraction became the only viable treatment.



The Clinical Value of CBCT



This case clearly demonstrates how inadequate length control can lead to persistent infection, progressive bone loss, and eventual tooth loss. More importantly, it highlights the diagnostic value of CBCT in identifying the exact reason behind treatment failure. CBCT allows clinicians to:

- Visualize root canal anatomy without anatomical superimposition.
- Measure obturation length accurately.
- Detect untreated canal spaces.
- Assess the size and extent of periapical lesions.
- Identify root fractures and external resorption.
- Make informed decisions regarding retreatment or extraction.

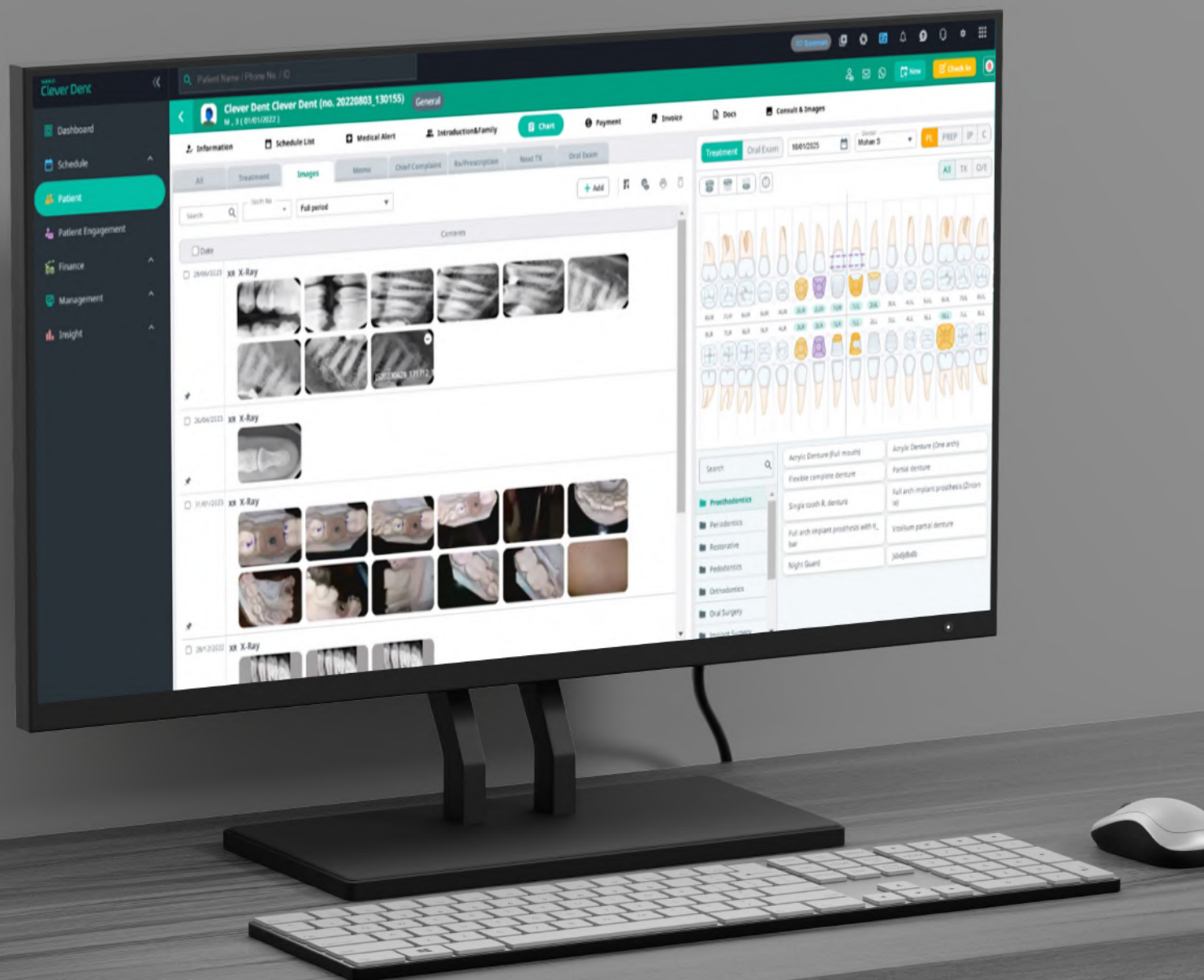
The additional diagnostic information provided by CBCT improves treatment planning while reducing uncertainty in challenging endodontic cases.

Conclusion

Successful endodontic treatment depends on precision, and working length remains one of the most critical determinants of clinical success. Even small deviations can result in persistent infection, compromised healing, and eventual treatment failure.

While conventional radiographs continue to play an important role in routine practice, CBCT offers clinicians a deeper understanding of root canal anatomy and treatment outcomes whenever complexity arises.

By revealing what two-dimensional imaging often cannot, CBCT enables earlier diagnosis, more accurate retreatment planning, and better long-term prognosis. In modern endodontics, every millimeter truly matters—and CBCT helps ensure that every millimeter counts.



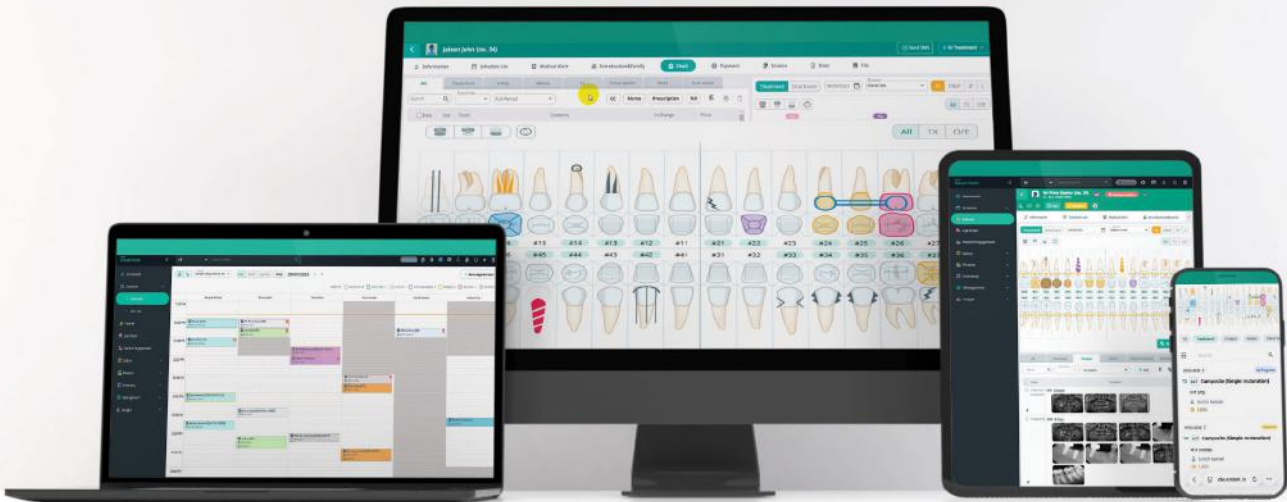
Clever Dent

Patient Management Software

Beyond Patient Management :

One Platform. Complete Practice Management.

CleverDent brings your entire clinic together in a single, easy-to-use platform. Manage appointments, digital patient records, treatment plans, billing, and radiographs—all in one place—reducing paperwork and improving efficiency.



CleverDent helps clinics:

- Schedule appointments effortlessly
- Store radiographs instantly
- Maintain digital patient records
- Track treatments and history
- Generate invoices and estimates
- Smarter Workflow. Better Dentistry
- Send WhatsApp reminders and appointment confirmations

By streamlining daily operations and improving communication, CleverDent enables faster decision-making, better team coordination, and a superior patient experience.

The Future of Dental Practice Management Starts Here.

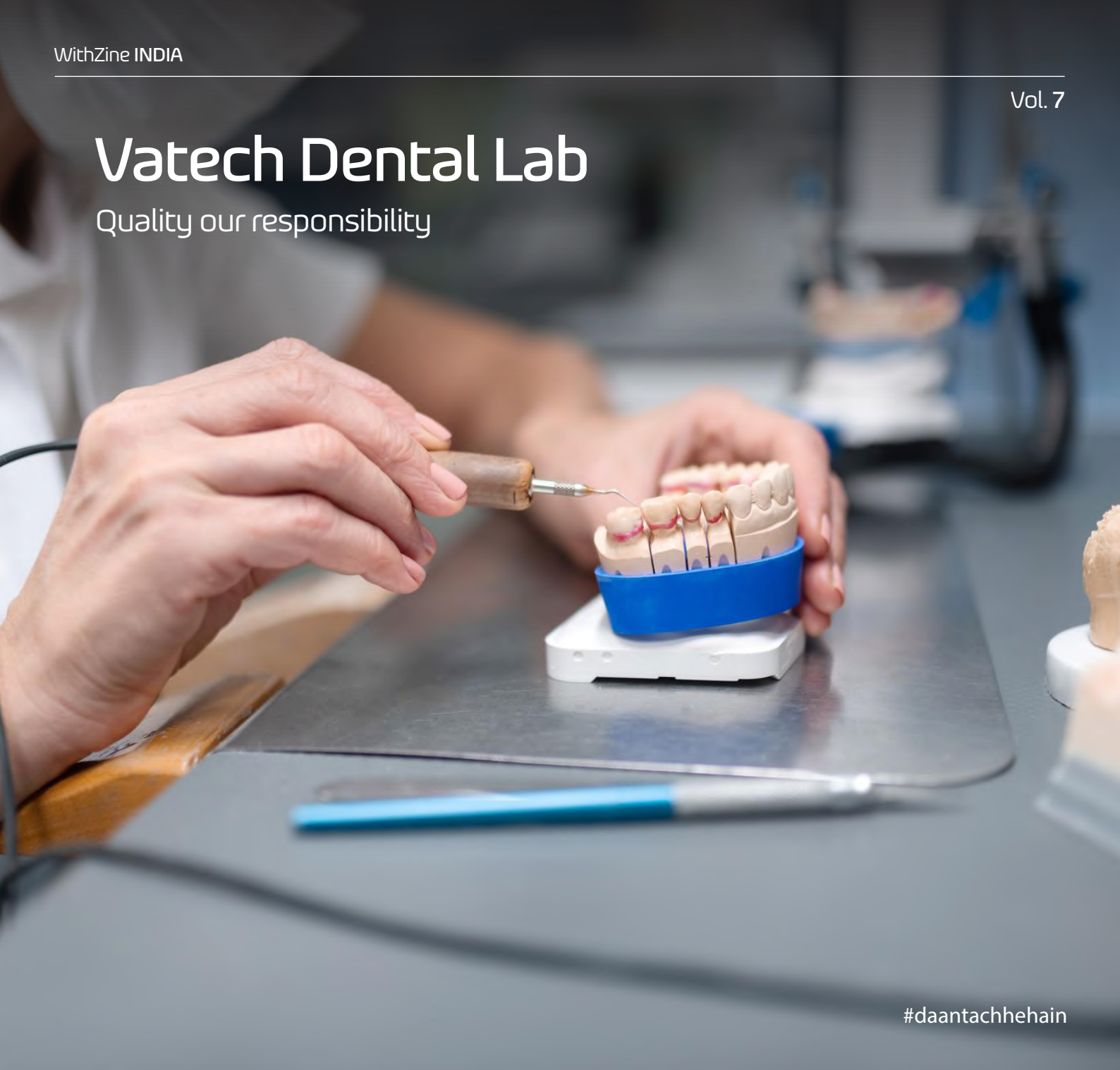
CleverDent empowers dentists to work smarter, save time, and focus on what matters most—providing exceptional patient care.

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Vatech Dental Lab

Quality our responsibility



#daantachhehain



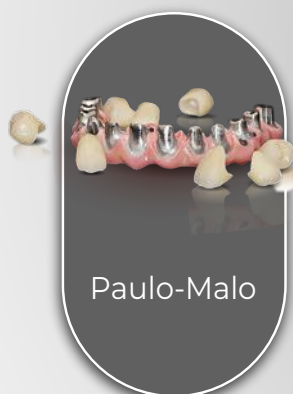
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We hope you enjoyed this edition of our newsletter

See you in our next edition