

# Flossing

**6TH EDITION**  
**MARCH.2025**



UPCOMING EVENTS  
**SAVE THE DATE**

CERASEAL  
CLINICAL CASE  
REVIEW  
BY DR. FILIPPO  
CARDINALI

*Start  
Here*

META  
BIOMED  
IN AEEDC  
DUBAI  
2025

META  
BIOMED  
IN IDS 2025

EXPLORE THE  
WORLD WITH  
META BIOMED

CERASEAL  
CLINICAL CASE  
REVIEW  
BY DR.MOSTAFA  
ANWAR




# Flossing META BIOMED IN AEEDC 2025



## Connecting at AEEDC 2025

Meta Biomed participated in *AEEDC Dubai 2025*, held from February 4 to 6, 2025, at the Dubai World Trade Centre, UAE. During the exhibition, Meta Biomed showcased various of products and engaged with lots of visitors at its booth. During *AEEDC Dubai 2025*, Meta Biomed held a special booth promotion, offering a Buy 1, Get 1 Free deal for CeraSeal and a Buy 2, Get 1 Free deal for CeraPutty. This promotion attracted significant number of visitors and demonstrated strong interest in Meta Biomed's **CeraSeal** & **CeraPutty**.

## Hands-on Experience with CeraPutty & CeraSeal

The 'Advanced Specialty Course' at *AEEDC Dubai 2025* took place at the Novotel World Trade Centre Hotel - Diamond Room on February 5th. Dr. Riccardo Tonini led an engaging lecture and hands-on session, where participants explored the application of bioceramic sealer and putty for obturation and perforation repair. Attendees had the opportunity to experience Meta Biomed's innovative products, including **CeraPutty**, **CeraSeal**, and the EQ-V cordless endo obturator, gaining valuable insights into their benefits and practical applications. 



# META BIOMED

## AT IDS 2025

25-29TH MARCH, 2025

Meta Biomed joined IDS 2025, the world's largest dental trade fair held in Cologne, Germany. With over 2,000 companies from more than 60 countries participating, IDS 2025 offered a valuable platform to connect with dental professionals worldwide.

Meta Biomed operated a coffee bar, showcased its newsletters, and presented new products — all of which served as valuable opportunities to engage with dental professionals from around the world and effectively communicate the brand's identity.

At our booth, we welcomed visitors with a cozy coffee bar, displayed our newsletters, and introduced new products. One of the highlights was our newsletter "Flossing" (Issues 1-5), along with a special edition featuring clinical cases of CeraSeal and CeraPutty.

This edition, with contributions from Dr. Filippo Cardinali, Dr. Mostafa Anwar, and Prof. Talal Al Nahlawi, drew strong interest from dental experts and partners across the globe.

As a surprise event, visitors who subscribed to Flossing and followed our social media channels received a biodegradable toothbrush with a replaceable head. The eco-friendly giveaway was a crowd favorite and sparked many conversations.

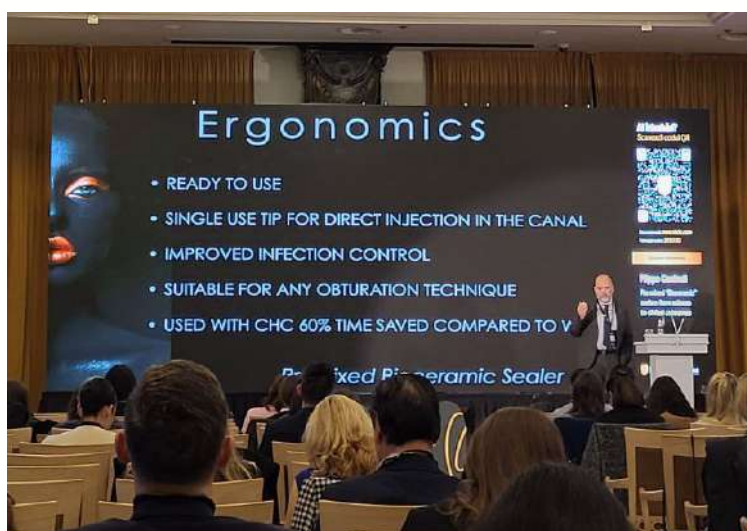
Among our featured products, CeraSeal and CeraPutty received particular attention. CeraPutty, now in its final stage before market launch, is preparing to enter the European market.

We also received positive feedback on many other Meta Biomed products. This exhibition helped us strengthen our global presence, and we remain focused on improving customer experience and satisfaction.

Stay tuned — more is on the way! 📺



# EXPLORE THE WORLD



## Endo Update Congress in Cluj-Napoca, Romania



Meta Biomed Europe successfully participated in the *10th Anniversary Endo Update Congress*, held in Cluj-Napoca, Romania, from February 6 to 8, 2025. As part of the event, Meta Biomed hosted a workshop and lecture in collaboration with Dr. Filippo Cardinali, providing participants with valuable insights and hands-on experience in Endodontic treatments. Also, Meta Biomed's Romanian partners, Medident and Nastimed also participated in the congress. Looking ahead, Meta Biomed Europe anticipates more impactful events and an even stronger partnership with Medident and Nastimed. 🐾

## XIV Scientific Congress of BgDA in Sofia, Bulgaria




Meta Biomed Europe actively participated in the *XIV Scientific Congress of BgDA*, held in Sofia, Bulgaria, from February 22 to 23, 2025. Following their engagement in the previous edition in 2024, this year's congress saw a significant increase in attendance, with over 300 participants expected. During the event, Meta Biomed, in collaboration with Dr. Filippo Cardinali, conducted two fully booked workshops attended by approximately 40 doctors, as well as a highly engaging lecture. Additionally, Meta Biomed Europe operated a booth at the congress, where their Bulgarian partner, ET Anka, provided on-site support to ensure smooth communication with local doctors in Bulgarian. Truly satisfied with the excellent collaboration between Meta Biomed Europe and ET Anka! 🐾



# WITH META BIOMED



## IDEX 2025 in Egypt

On February 14th, 2025, Meta Biomed proudly supported its partner Alexdent at *IDEX 2025 in Egypt*. Dr. Mostafa Anwar's course, "Bioceramics in Endodontics – Simplifying Complexities," attracted significant interest from numerous dental professionals through informative lectures and engaging hands-on sessions. This successful event highlighted the strong partnership between Meta Biomed and Alexdent, and Meta Biomed remains committed to delivering even more valuable programs for dental professionals in the future. Stay tuned for more events from Meta Biomed and Alexdent in Egypt! 




## Dental South China 2025

Dental South China 2025 (DSC 2025) celebrated its 30th anniversary in Guangzhou, China, from March 3rd to 6th, 2025. Meta Biomed China participated in this event and introduced a wide range of products, including the bioceramic sealer CeraSeal. During the exhibition, its booth attracted many visitors and received enthusiastic responses from attendees from China and across Asia. We looking forward to seeing more great events from Meta Biomed China! 

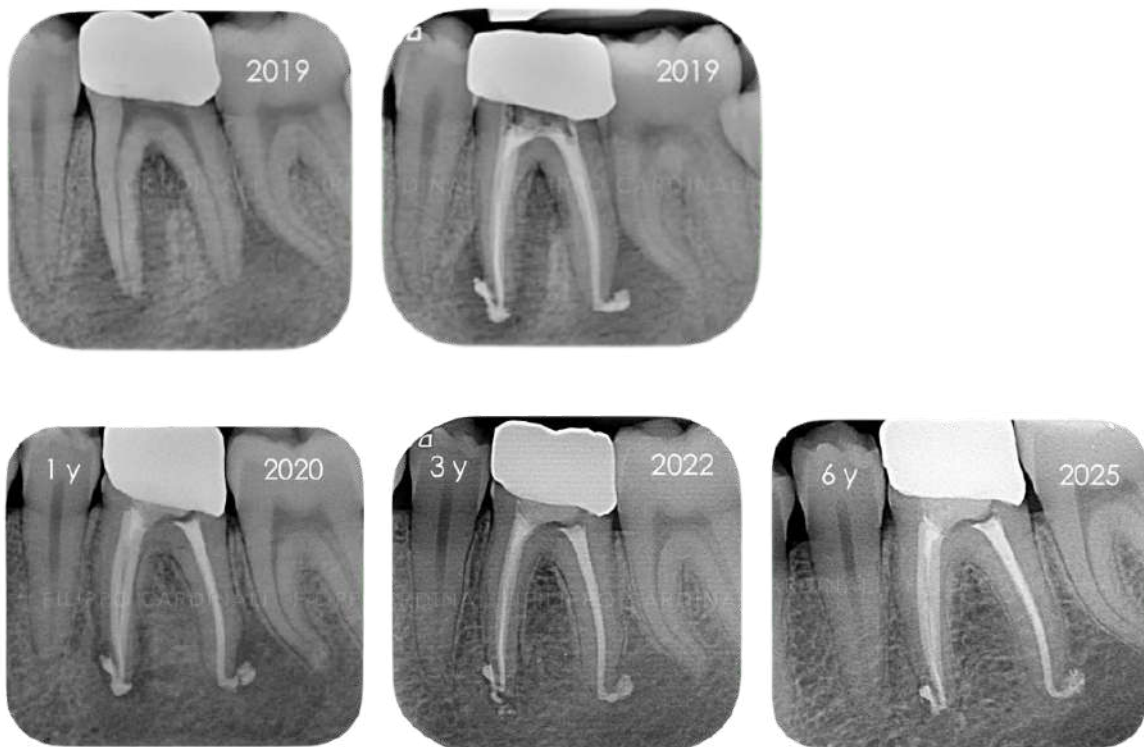


## GTIDEC in Taiwan


UNIGLIFE Biomed in Taiwan, one of Meta Biomed's important partners participated in *GTIDEC 2025*, held in March. Many attendees showed strong interest in CeraSeal which also drew significant attention. Especially on March 16th, Dr. Yu Hua Kuo delivered a booth lecture highlighting CeraSeal's unique features and various clinical cases, receiving an enthusiastic response from participants. Here's to ongoing collaboration and shared success between Meta Biomed and UNIGLIFE in Taiwan! 

# CeraSeal Clinical Case Review

Courtesy of  
Dr. Filippo Cardinali



## 3.6: Necrosis - Big L.E.O. - Big Overfilling - 6 years recall

Patient was referred for the treatment of a symptomatic 3.6 with a big lesion. After 4 weeks dressing with Calcium Hydroxide, symptoms disappeared and the canals were obturated using the Cold Hydraulic Condensation Technique, a single cone with CeraSeal bioceramic sealer. At the post operative radiograph a big overfilling was present, not happy at all for that but it happens; according with the literature the overfilling is present in 66% of teeth with lesion using bioceramic sealer and it doesn't affect the outcome of the treatment if the overfilling is UNINTENTIONAL after a proper shaping, cleaning and filling. Review at 1, 3 and 6 years shows the complete healing of the big lesion thanks to the proper filling technique and to the biocompatibility of the CeraSeal. 



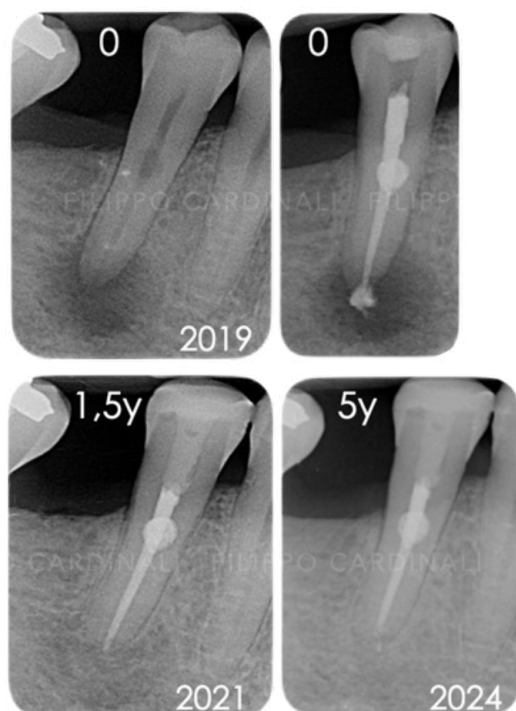
# CeraSeal Clinical Case review

Courtesy of  
Dr. Filippo Cardinali



## Treatment of Necrotic 3.6 With Lesion - 5 Years Recall

Patient was referred for the treatment of a necrotic 3.6 with lesion: the tooth 3.6 was tender to percussion and palpation and presented the typical signs of "Cracked tooth Syndrome" with no probing and favorable prognosis. Treatments was done in 2 visits. During the first visit canals were shaped, cleaned and dressed with calcium hydroxide . During the second visit the canals were obturated using the Cold Hydraulic Condensation Technique, single cone with CeraSeal bioceramic sealer. The referral Dentist placed immediately a long term temporary crown and placed the permanent crown after the 2 years recall. Nice recall sent by the referral Dentist after 5 years.



## 4.5: Big Lesion - Internal Resorption - Sealer Resorption - 5 years recall 7 with a big lesion and sinus tract.

Patient was referred with history of acute abscess treated with antibiotics in the right lower quadrant. The 4.5 was still tender to percussion with a big lesion and an internal resorption detected at periapical rx. The treatment was done in a Single Visit as exudate was not present in the canal after the shaping and a very punctilious cleaning. A cone with a strong tug-back was selected and the canal was obturated using the Cold Hydraulic Condensation Technique, a single cone with CeraSeal bioceramic sealer. Thanks to its flowability the Ceraseal completely filled the internal resorption and at the same time a remarkable quantity of sealer moved beyond the apex. At the review after 18 months I was surprised not by the good healing but by the complete reabsorption of the sealant, which is uncommon and often associated with the problem of wash-out with loss of seal and negative outcome of the treatment. Review at 5years shows the stability of this sealer based technique and the positive outcome of the treatment. What happened? What do you think?



## Dr. Filippo Cardinali DDS (Italy)

*Graduated summa cum laude in Dentistry in 1992. Active Member and Vice-President of the Italian Society of Endodontics. Certified Member of the European Society of Endodontology. Associate Member American Association of Endodontists. Gold Member of Style italiano Endodontics. Private practice, concentrating mainly in Endodontics and Restorative Dentistry, author of publications on journals of national and international sector, speaker at national and international congresses and workshops.*

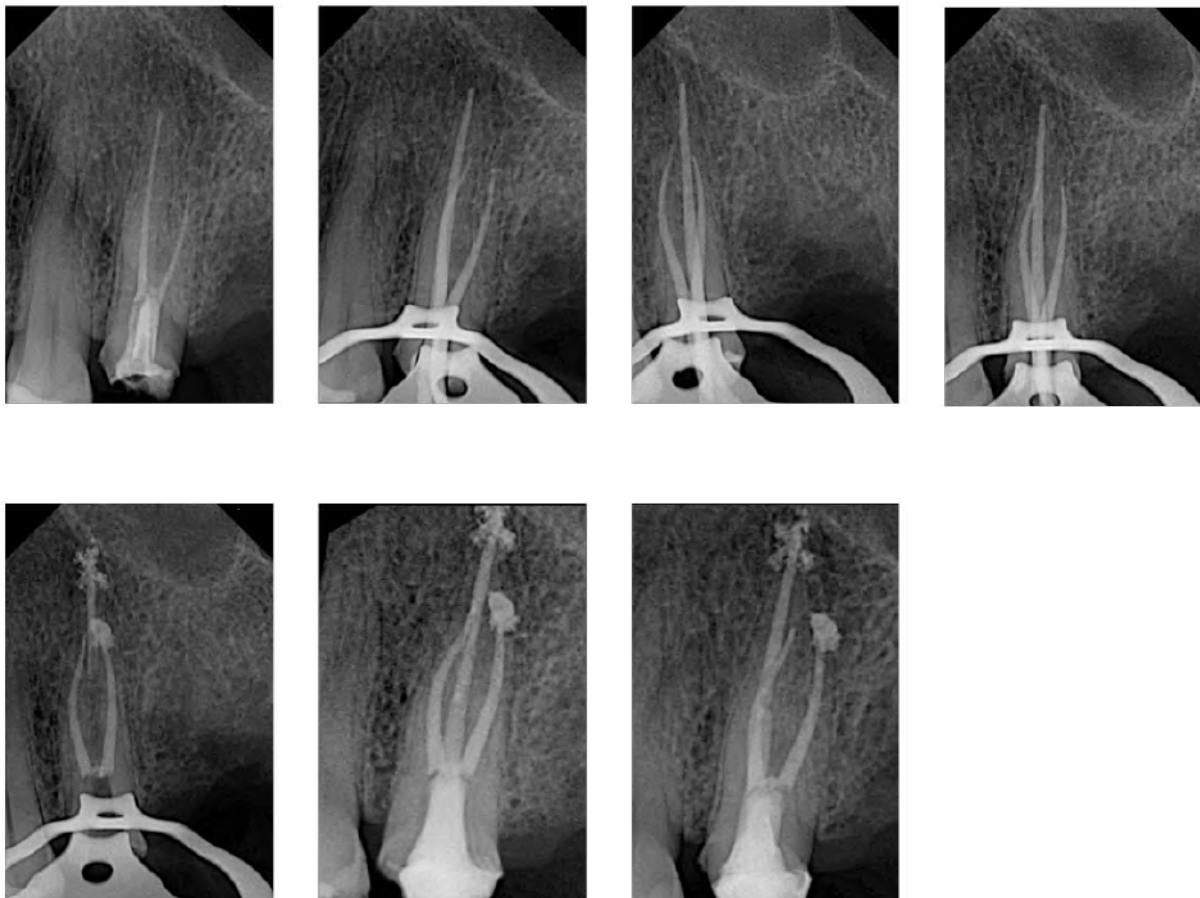
**Instagram** @cardinali\_endodontics **Facebook** @filippo.cardinali.5

# CERASEAL CLINICAL CASE REVIEW



## COURTESY OF DR.MOSTAFA ANWAR BDS (EGYPT)

*Graduated from Ain Shams University, Egypt. Diploma of Healthcare & Hospital Management from the American University in Cairo. Master Degree of Endodontics from Ain Shams University on June 2015 & PhD Researcher. International Dental Conferences & Endodontics Key Opinion Leader. Co-Author of Retreatments by SIE. Micro-Endodontics Specialist at private practice, Cairo and the Gulf area. Instagram @mostafa\_anwar facebook @ Mostafa Anwar*



### **R**etreatment of Upper Left Molarized Second Premolar

This retreatment case was referred having missed MB Canal/Root and poor obturation of DB and Palatal Canals. The gutta-percha was removed using rotary files, and shaping was done using reciprocation files.

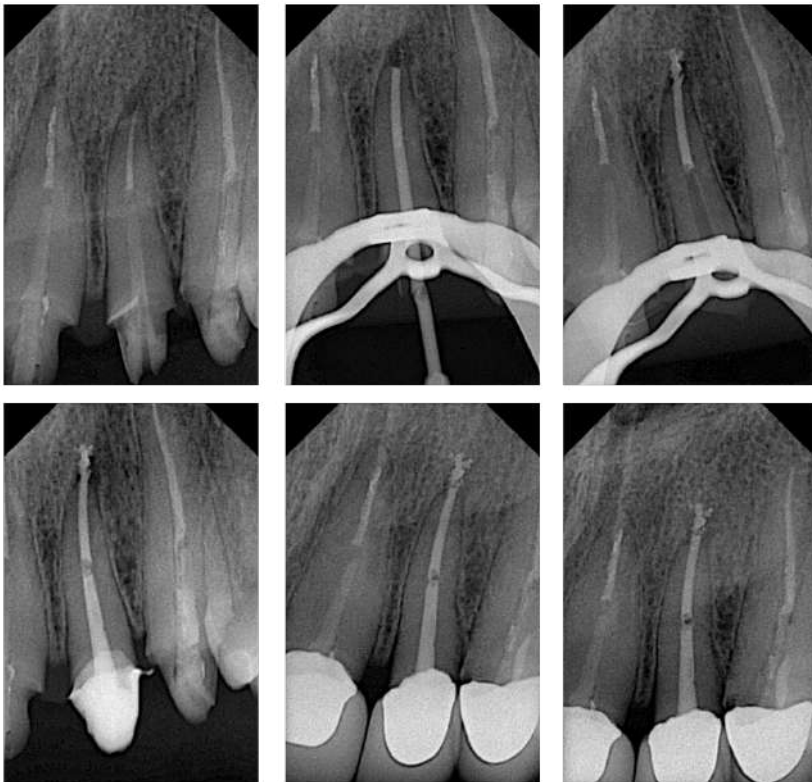
CeraSeal played an important role in Obturation due to the easiness & efficiency of the Single Matched Cone technique and power of Hydraulic condensation with CeraSeal flowability, i was able to obturate the MB & DB Canals even while having constricted entrance.

As for the Palatal canal, i intentionally applied CeraSeal in the Apical half of the canal as my plan was to sear off Gutta percha in the middle half of the canal and restore with post & core afterwards. CeraSeal can be used with hot obturation techniques safely if proper precautions are done.

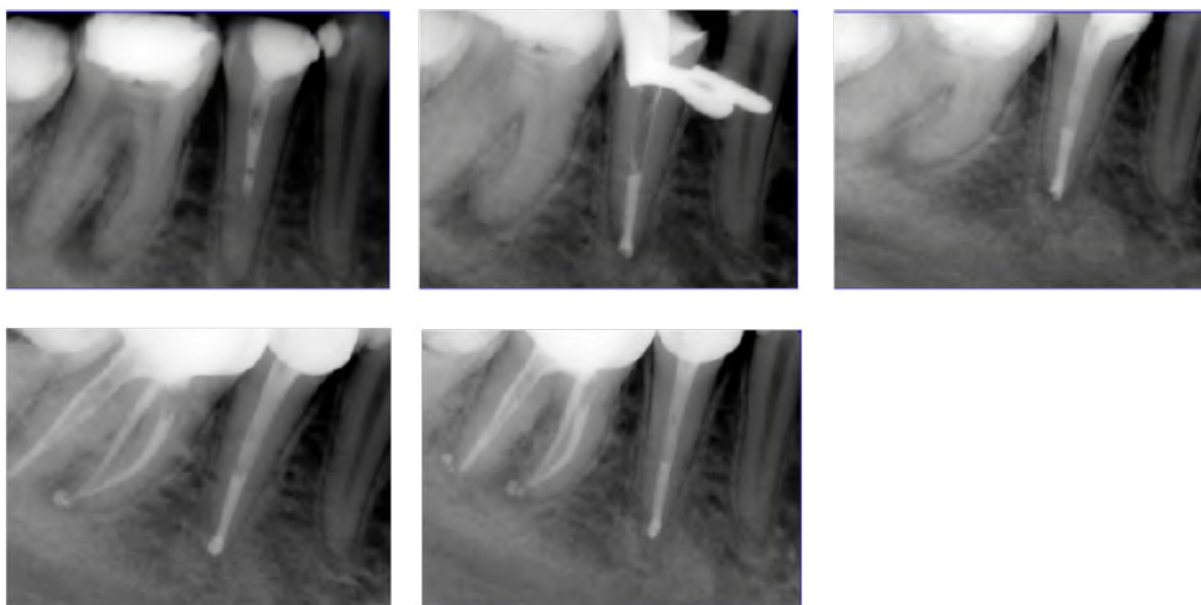
Even with large sealer puffs, there was no Flare up signs & symptoms at all due to the biocompatibility of CeraSeal, however intentional sealer puffs should be avoided. CeraSeal can be used in All Cases and All Obturation Techniques, Just use it Properly. 🦷

# CERASEAL CLINICAL CASE REVIEW

COURTESY OF DR.MOSTAFA ANWAR



**Retreatment of Upper left Lateral Incisor.**  
It's the Era of Bioceramic Sealers!! In this retreatment case of Upper Left Lateral Incisor which had poor obturation & a Fiber post, the gutta-percha was removed using rotary files and the fiber post was removed using Ultrasonics. There was an evident periapical lesion related to this lateral incisor, so after proper disinfection, i decided to use CeraSeal Bioceramic Sealer. However, i used it in Continuous Wave of Compaction Technique in order to create a post space later for the post and core restoration. CeraSeal was limited to the apical half of the canal so that it wouldn't be affected by the heat of the CWC technique. After 33 Days of Follow up, you can see decreased size of the periapical lesion with evident bone formation above the apex of the root and notable radiopacity along the periapical area. Extruded CeraSeal showed Integrity and Stability over time, which indicates the success of such case. Rapid healing and short follow up periods became more common with Bioceramics. Longer follow up is advised for sure. 🦷



**Retreatment of Lower Right Second Premolar.**  
Well, in this retreatment case of lower right second premolar which had poor obturation above evident ledge, the gutta-percha was removed using rotary files and then the ledge was successfully bypassed. There was an evident periapical lesion related to this premolar, so after proper disinfection, i decided to use CeraSeal Bioceramic Sealer. However, i used it in Continuous Wave of Compaction Technique in order to create a post space later for the post and core restoration. The application of CeraSeal in such technique should be limited to the apical half of the canal without any pressure to avoid apical extrusion. If applied correctly, CeraSeal won't be affected by the heat of the CWC technique. After Three months of Follow up, you can see complete Tissue healing and bone repair with CeraSeal Integrity and Stability over time, which indicates the success of such case. More follow up is advised for sure since saving teeth is our priority. 🦷



# THE ENDO MASTERS



DR.FILIPPO CARDINALI



DR.CLAUDIO FARNARARO



## Bioceramic Beyond Limits



Hall2. B 07

Istanbul Expo Center

## SCHEDULE

08

MAY

11:00 AM / 3:00 PM

**CERASEAL & CERAPUTTY:  
PATIENT CENTERED SOLUTIONS  
FROM OBTURATION TO  
PERFORATION REPAIR AND  
APICAL PLUG**

*DR.FILIPPO CARDINALI*

09

MAY

11:00 AM / 3:00 PM

**HOW AND WHY TO USE  
THE NEW BIOCERAMIC SEALERS**

*DR.CLAUDIO FARNARARO*

BOOTH LECTURE



# THE ENDO MASTERS

COMING SOON

## Bioceramic Beyond Limits



Hall2. B 07

Istanbul Expo Center



07-10th , May 2025



**Dr.**  
**Filippo**  
**Cardinali**



**Dr.**  
**Claudio**  
**Farnararo**