

Flossing

Lucky Seven Bites of Fresh Picks!

IDEX Istanbul 2025
In Türkiye

Meta Biomed
in the World

CeraSeal
Case
Review
By Dr. Mostafa Anwar

Meta Biomed
Rose Planting Project

CeraSeal
Case
Review

By Dr. Filippo Cardinali

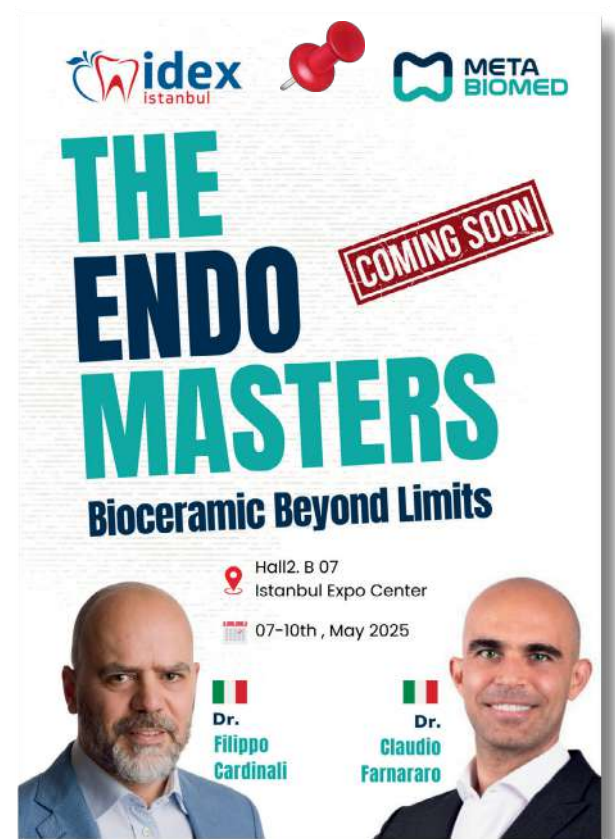
Upcoming
Events
in Q3

Donating to Wildfire
Recovery Efforts



THE ENDO MASTERS

BIOCERAMIC BEYOND LIMITS



Meta Biomed participated in IDEX Istanbul 2025, held in Türkiye from May 7 to 10, 2025. During the exhibition, Meta Biomed ran a lecture program titled *"The Endo Masters: Bioceramic Beyond Limits"*, focusing on the bioceramic materials CeraSeal and CeraPutty. The sessions were led by renowned Italian speakers, Dr. Filippo Cardinali and Dr. Claudio Farnararo, and attracted a full audience with great interest from dental professionals.

What Happened Live: CeraSeal & CeraPutty

On Day 2 of IDEX Istanbul 2025, Dr. Filippo Cardinali delivered lectures on bioceramic solutions using CeraSeal and CeraPutty. He explained the clinical advantages and ease of use of both materials, which can be widely applied — from root canal obturation to perforation repair and apical plugs. Furthermore, he shared practical techniques through real clinical cases to demonstrate their efficient application in daily practice.



THE ENDO MASTERS

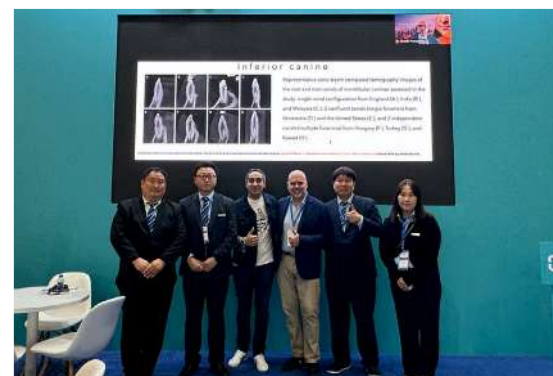
BIOCERAMIC BEYOND LIMITS



A snapshot from the Q&A after the lecture!



A moment captured during the lecture!



with Meta Biomed HQ!



During the Day 3 session of IDEX 2025, Dr. Claudio Far-nararo introduced various clinical applications of the bioceramic sealer “CeraSeal” and the bioceramic putty “CeraPutty”. This lectures were supported by real clinical cases and scientific evidence. He emphasized that as long as the ba-sic principles of endodontics are respected, CeraSeal and Cer-aPutty can be used safely and effectively in clinical practice. This lecture went beyond a simple product introduction, offer-ing practical insights into how the two materials can be applied in everyday clinical settings. It also featured educational videos demonstrating actual procedures, along with useful tips and clinical techniques.

The legendary two-day lecture series left a strong and lasting impression on the audience and were met with an enthusiastic response.

In addition, Business meetings with global partners and new buyers served as valuable opportunities to explore future collab-oration and expand Meta Biomed’s global network. Thank you to everyone who stopped by the Meta Biomed’s booth and attended the lectures at IDEX Istanbul 2025. 🇹🇷



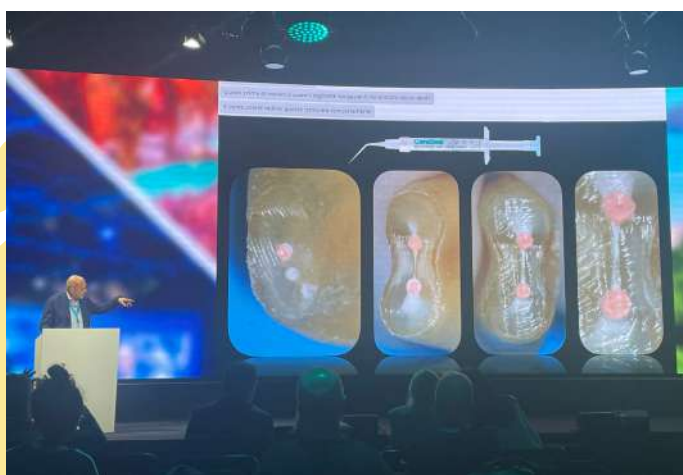
META BIOMED

Style Italiano Endodontics 2025 in Cairo



Style Italiano – Cairo 2025 was held from April 23 to 27, at Future University in Egypt (FUE), Cairo. Meta Biomed participated as a Gold Sponsor and successfully hosted two lectures and one workshop in collaboration with our confidential partner, Trust Dental. The lecture on CeraSeal by Dr. Filippo Cardinali attracted strong interest and engagement from many attendees. Dr. Mohamad Zaafrany's lecture and workshop on CeraPutty and CeraSeal were quickly sold out. With in-depth clinical cases & hands-on course, the lecture and workshop received enthusiastic responses and ended successfully. 🦷

AIO 10-year Anniversary Sardegna International Congress in Italy



Meta Biomed Europe team participated as a Gold Sponsor in the AIO 10th Anniversary International Congress held on the Sardinia, Italy. The congress was attended by more than 80 speakers and many Italian professionals. Meta Biomed run a booth and conducted both a lecture and a workshop focused on bioceramic sealer 'CeraSeal'. Many visitors stopped by the booth and shared positive feedback. Dr. Filippo Cardinali led all sessions in Italian, which helped enhance audience engagement and connection. We look forward to seeing you again at Meta Biomed Europe team's various events! 🦷

IN THE WORLD

SIDEX 2025 in South Korea



Meta Biomed participated in the 22nd SIDEX 2025 where we had the opportunity to meet and engage with a wide range of dental professionals from Korea and around the world. Through meaningful business meetings at our booth, we were able to build new partnerships and strengthen existing relationships. We sincerely thank everyone who came by the Meta Biomed booth and look forward to continued collaboration. 🦷

K-Dental Meeting in USA



Meta Biomed US Team participated in the K-Dental Meeting held in Los Angeles from May 1 to 2. At the booth, visitors had the opportunity to experience CeraPutty, EZ BOND Universal, and other restorative products firsthand. Specially, the bioceramic putty 'CeraPutty' received strong interest from many dental professionals. It was a great opportunity to engage with clinicians and showcase a variety of Meta Biomed's products. Look forward to more exciting events from the Meta Biomed US team! 🦷

Sino Dental 2025 in China



The Meta Biomed China team, together with HQ, actively participated in Sino-Dental 2025, held from June 9 to 12 in Beijing, China. At our booth, we showcased a wide range of products, with a special focus on our bioceramic sealer, CeraSeal. Visitors had the opportunity to experience the products firsthand and discover their ease of use and clinical effectiveness. Our journey continues at DenTech 2025 — stay tuned for more updates from the Meta Biomed China team! 🦷

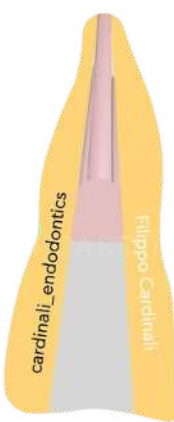
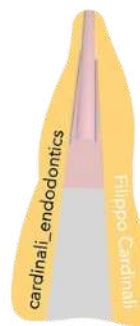
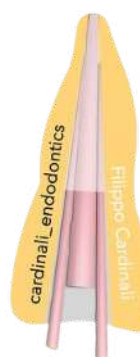
AAE 2025 in USA




From April 2 to 5, the Meta Biomed US team participated in AAE 2025, held in Boston, USA. Throughout the event, the team engaged with numerous dental professionals and industry partners, sharing insights and building connections. Each day, visitors to the booth were welcomed with freshly brewed coffee and had the chance to join daily raffles featuring exciting giveaways, which were met with enthusiastic response. 🦷

CeraSeal Clinical Case Review

Courtesy of
Dr. Filippo Cardinali

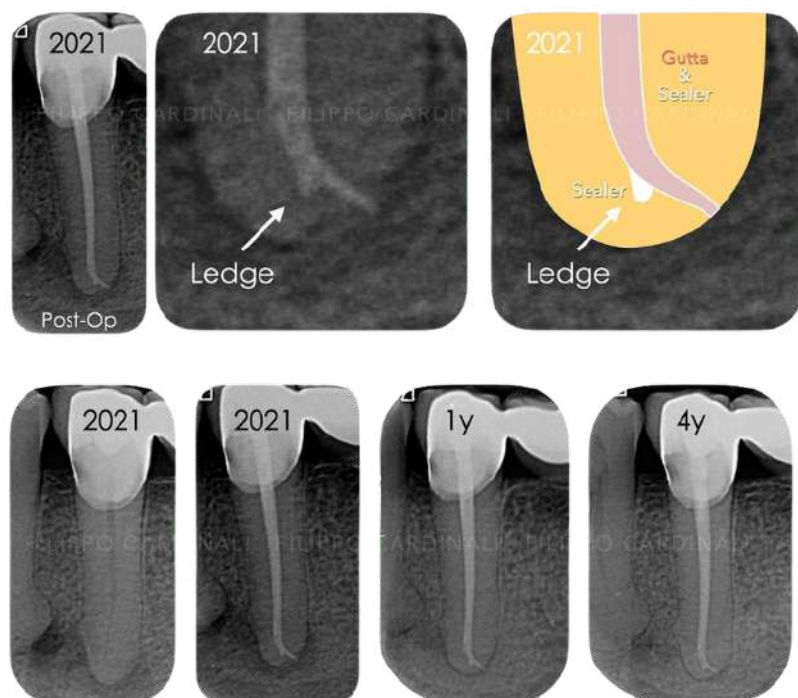


How to completely fill an oval shape canal using CeraSeal with Cold Hydraulic condensation?

1. Deliver the sealer in the canal
 2. Insert the master cone
 3. Passively add other cones
 4. Sear the cones off and pack with a plugger in order to close the orifice with Gutta-Percha protecting the bioceramic sealer inside the canal.
- Recall at 4 years shows the complete healing of the big lesion. 

CeraSeal Clinical Case review

Courtesy of
Dr. Filippo Cardinali

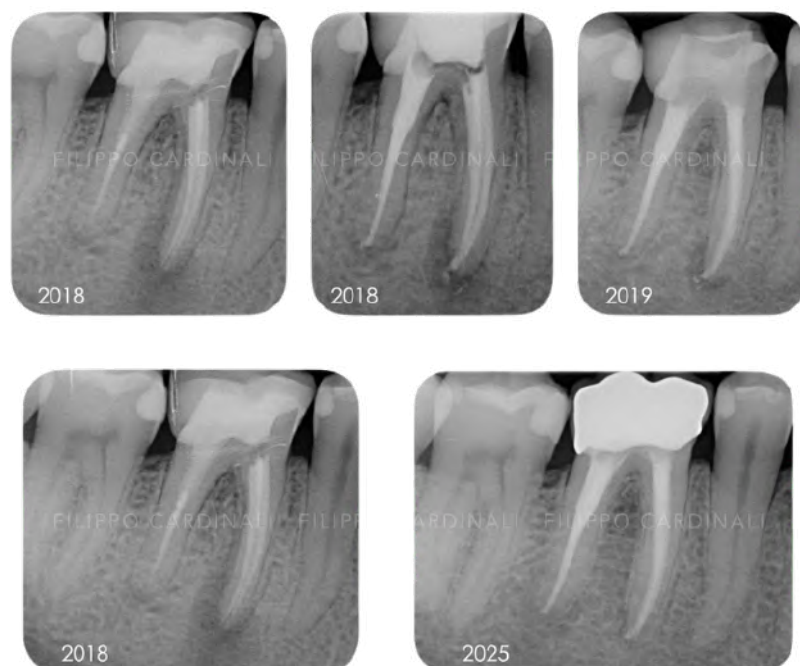


3.5: Necrosis - Lesion - Lip Paresthesia - Ledge - 4 years recall

Patient referred for treatment of a necrotic tooth 3.5 with associated periapical lesion. The patient initially presented with an acute abscess, pain, and lip paresthesia due to compression of the mental nerve. Despite an initial dressing performed by the referring dentist and antibiotic therapy, symptoms persisted.

Endodontic treatment was initiated by the referring colleague, but he was unable to determine the working length due to the formation of a ledge in the apical third of the canal. After successful management of the ledge, the canal was medicated with calcium hydroxide. Two weeks later, all symptoms had resolved completely, and the tooth was obturated using CeraSeal bioceramic sealer with the Cold Hydraulic Condensation technique. The post-operative radiograph shows the presence of the previously created ledge completely filled by the bioceramic sealer.

Recall at 4 years shows the complete healing of the lesion.



4.6: SINGLE VISIT RETREATMENT - L.E.O - 7 YEARS RECALL

A large periapical lesion was present on the mesial root of tooth 4.6, which had been previously treated many years ago and restored with a fiber post and crown. The patient requested that the retreatment be performed through the crown, despite being informed that this was not the ideal approach.

After removal of the fiber post using an ultrasonic tip, the tooth was desobtured with rotary files, then shaped, thoroughly cleaned, and obturated in the same session. CeraSeal bioceramic sealer was used with the Cold Hydraulic Condensation (CHC) technique, as the tooth was asymptomatic and no exudate was present in the canal. The 1-year recall showed the not yet completed healing of the lesion and a fracture of the crown. At the 7-year recall, complete healing of the large lesion was observed — it's all about the outcome. ARE BIO-CERAMIC SEALER AND CHC RELIABLE? IT'S ALL ABOUT OUT-COME, NO FOLLOW UP NO ENDO.cess of such case.



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.

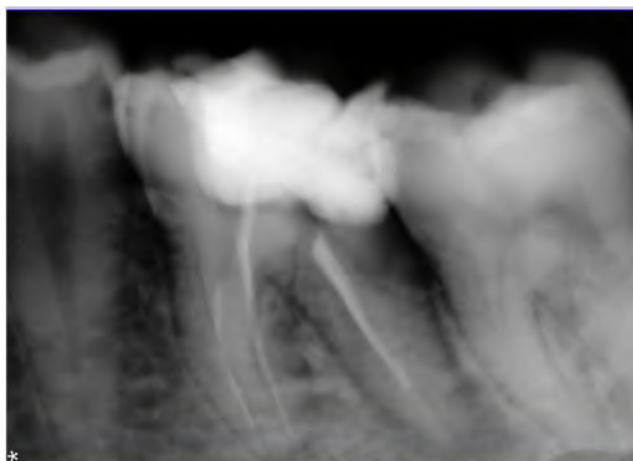
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CERASEAL CLINICAL CASE REVIEW



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



Power of Bioceramic Sealers!!

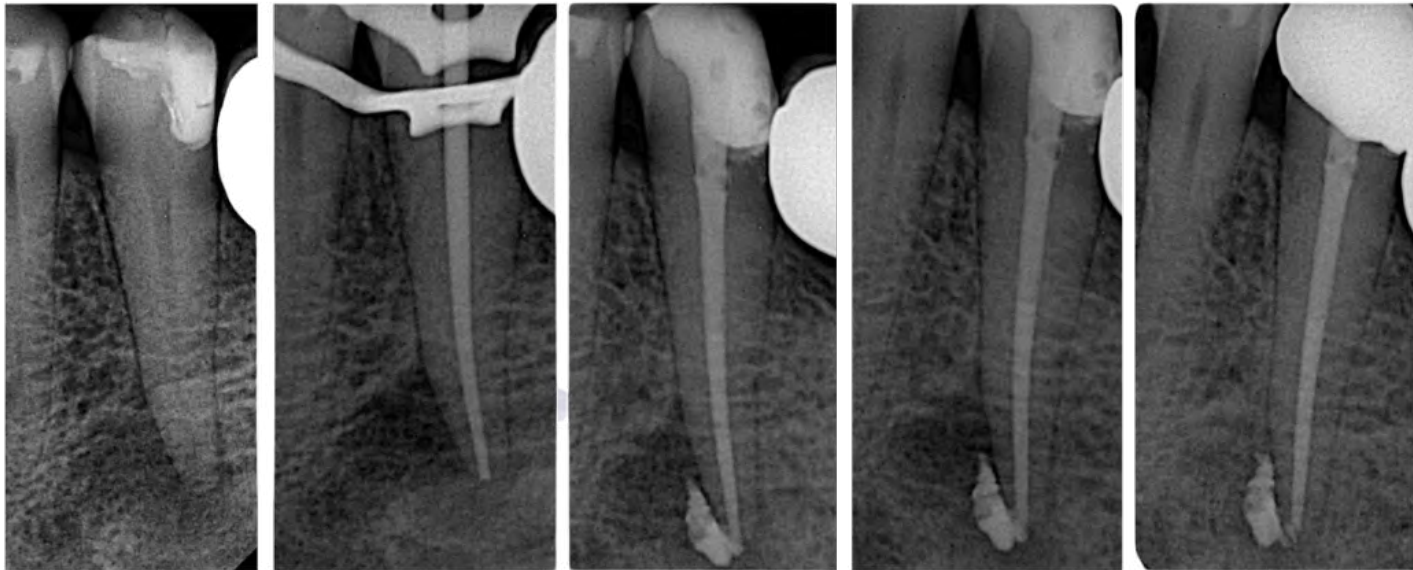
In this retreatment case of Lower Left First Molar which had poor obturation & a large periapical lesion related to the Distal Root with evident widening of the lamina dura, while the mesial root shows widening of lamina dura and very small lesion periapically. The gutta-percha was removed and Biomechanical preparation was done then Obturation using CeraSeal Bioceramic sealer.

As clearly stated, CeraSeal was used in Continuous Wave of Compaction Technique in order to create a post space later for the post and core restoration.

While, CeraSeal was used in Hydraulic Condensation (Single Matched Cone) technique in Mesials. After 2 years of Follow up, Complete Healing with evident bone formation related to the distal root with continuous healthy lamina dura for both Distal and Mesial Roots. Extruded CeraSeal showed Integrity and Stability over 2 years duration, which indicates the success of such case. 🦷

CERASEAL CLINICAL CASE REVIEW

COURTESY OF DR.MOSTAFA ANWAR



Bioceramic Sealers' Bioactivity!!

In this Root canal treatment case for Lower Left second premolar which had evident large periapical lesion with shown discontinuation of the lamina dura, the bioactivity of the bioceramic sealers played an important role over short period of time. The Biomechanical preparation was done then Obturation using CeraSeal Bioceramic sealer in CWC technique, to create a post space later for the post and core restoration. After 3.5 months of Follow up, Very Nice Healing with evident bone formation related to the root with continuous healthy lamina dura. CeraSeal Sealer puff showed Integrity and Stability over 3.5 months duration.

Bioactivity of CeraSeal allowed Rapid healing and shorter follow up periods helping precise monitoring of such cases. 🦷



Young Age, Immunity & Bioactivity!!

Root canal treatment of Lower First Molar was performed for a young age patient (13 Years). Evident large periapical lesions related to the mesial and distal roots with disruption of the lamina dura. The Biomechanical preparation was done then Obturation using CeraSeal Bioceramic sealer in Hydraulic condensation technique for Mesial Canals & CWC technique in Distal canal.

After 2.5 months of Follow up, Almost Complete healing with evident bone formation & healthy lamina dura related to the roots. Healing in such Short time might be attributed to the patient's young age, body's immune response & repair at that age with the Bioactivity of CeraSeal bioceramic Sealer. 🦷




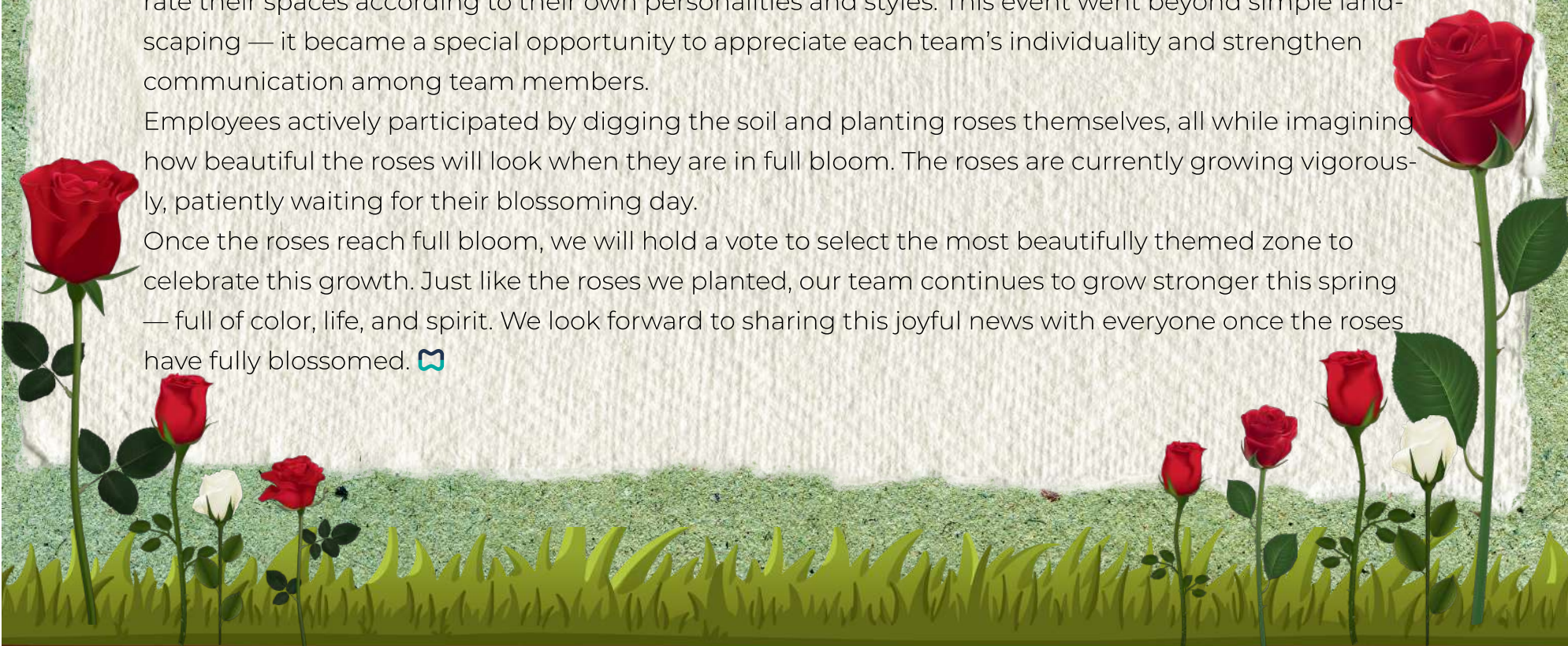
CELEBRATING THE BLOOMING SEASON: META BIOMED'S ROSE PLANTING EVENT

In celebration of the blooming season, Meta Biomed proudly held a company-wide rose planting event that brought all employees together in a meaningful and creative way.

Each business department was assigned a unique theme zone, allowing teams to creatively decorate their spaces according to their own personalities and styles. This event went beyond simple landscaping — it became a special opportunity to appreciate each team's individuality and strengthen communication among team members.

Employees actively participated by digging the soil and planting roses themselves, all while imagining how beautiful the roses will look when they are in full bloom. The roses are currently growing vigorously, patiently waiting for their blossoming day.

Once the roses reach full bloom, we will hold a vote to select the most beautifully themed zone to celebrate this growth. Just like the roses we planted, our team continues to grow stronger this spring — full of color, life, and spirit. We look forward to sharing this joyful news with everyone once the roses have fully blossomed. 






META BIOMED DONATES TO WILDFIRE RECOVERY EFFORTS

Meta Biomed has donated \$22,000 to help local residents badly affected by the large scale wildfires in South Korea in March.

The donation was made with contributions from Meta Biomed and voluntary monthly donations from employees, and it is a warm heart for the victims to recover their daily lives quickly. Meta Biomed shared a donation and a message of empathy and hope for recovery with wildfire victims who lost their homes.

Meta Biomed will continue to work with neighbors in need and continue its social responsibility sharing activities. 



WANTED!

New Idea & Clinical Case



We're All Ears for Your Big Ideas!

Share your brilliance with us and help shape FLOSSING by Meta Biomed! Your idea will be the next big thing in our upcoming editions.

Show your BEST Clinical Cases made by CeraSeal

It'd be lovely if we could share your BEST CeraSeal Cases with our tons of followers all around the world. Don't lock up the amazing cases you got in the drawer. Show it off!

For more inquiries: dental@meta-biomed.com

Stay connected with us!

Follow our SNS channels by scanning the QR code and be a part of our engaging conversations and exclusive updates.



is a newsletter made by Meta Biomed (Dental) in 2023, which means taking out various information and delivering it to you, as if you were flossing teeth. [Click to subscribe for Free.](#)



NEW

Premixed Bioceramic Putty

CeraPutty

15°C
59°F

25°C
77°F

CeraPutty 0.5g Syringe 2EA (Provided 1g)

- ✓ Various Uses
- ✓ Fast Setting
- ✓ Excellent Healing
- ✓ Ready to Use
- ✓ Economical Packaging

Real Bioceramic
Synergy!

- ✓ Excellent biocompatibility
- ✓ Excellent Healing effect
- ✓ Superb Bioactive
- ✓ High Flowability(24mm)
- ✓ Optimal Setting time

Bioceramic root canal sealer

CeraSeal

Bioceramic root canal sealer

CeraSeal 2g syringe 1EA, Disposable tips 10EA

CE 1639
DL-1040-3
Made in Korea



CeraPutty
brochure



CeraSeal
brochure



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