

Kids-e-Dental®

PRODUCT CATALOGUE



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MAKING PEDIATRIC DENTISTRY EASIER SINCE 2017



Company Profile

We are a dedicated team of professionals committed to providing the highest quality dental products for children. Established in 2017 by Dr. Mukul Jain, a Pediatric & Preventive Dentist, Kids-e-Dental LLP was founded with the vision of revolutionizing pediatric dentistry through innovation and excellence in manufacturing.

In 2021, Dr. Mukul Jain, Founder, CEO & Partner of Kids-e-Dental LLP proudly joined hands with Laxmi Dental Group under the leadership of Mr. Rajesh Khakhar, Chairman of Laxmi Dental Group, along with the strategic vision and support of Mr. Sameer Merchant, CEO of Laxmi Dental Group, and Mr. Prithvi Khakhar, CEO & Partner of Kids-e-Dental LLP. This collaboration marked a significant milestone in the company's journey and further strengthened our mission of advancing pediatric dentistry through innovation, quality manufacturing, and global outreach.

Together, Kids-e-Dental LLP and Laxmi Dental Group have successfully developed and introduced innovative pediatric dental solutions, including the BIOFLX Crowns combining clinical expertise, research-driven development, and world-class manufacturing capabilities to provide advanced treatment options for pediatric dentists worldwide.

With strong brand identity and long standing trust build by Kids-e-Dental among dental professionals and over 35 years of manufacturing excellence through Laxmi Dental Group, our mission is to create exceptional products that make a meaningful difference in children's lives. All our products are research-based and passionately developed using advanced technologies.

Restorative

“Tooth coloured pediatric crown with ease of doing like a stainless steel crown.”



Bioflx[®]

Crown

“Bioflx crowns are world's first flexible, durable, self-adaptive and esthetic pre-formed crowns which offer properties of both stainless steel crowns and zirconia crowns.”



Flexible



Durable



Esthetic



Self Adaptable

Invented by

Dr. Mukul Jain, Mr. Prithvi Khakhar,
Mr. Nikhil Kitawat



Technique video

Research

“The 12-month results indicate that Bioflx crowns performed similarly to the established SSC for the restoration of primary molars providing better esthetics.”

Patil AS, Jain M, Choubey S, Patil M, Chunawala Y. Comparative evaluation of clinical success of Stainless Steel and Bioflx crowns in primary molar - A 12 month split mouth prospective randomized clinical trial. J Indian Soc Pedod Prev Dent. 2024 Jan 1;42(1):37-45.

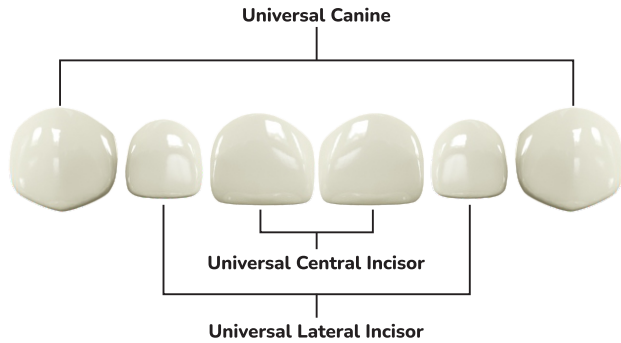
Professional Kit



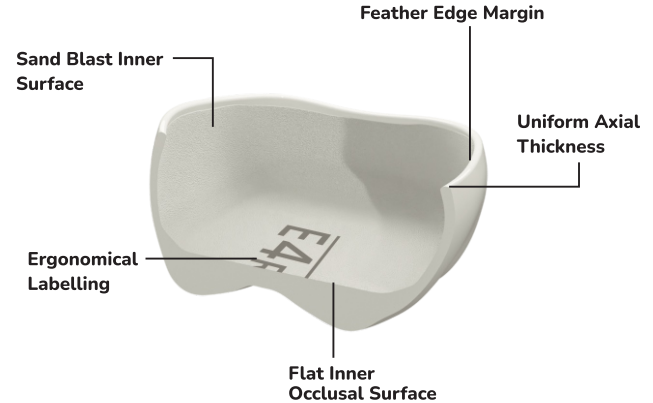
Master Kit



Anterior Design



Posterior Design

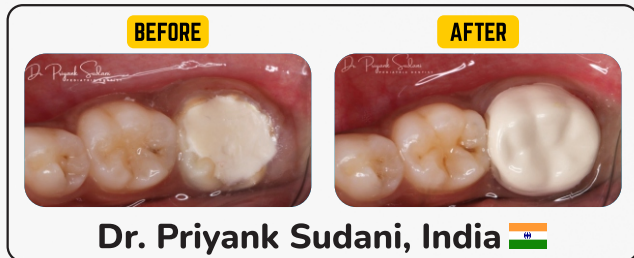
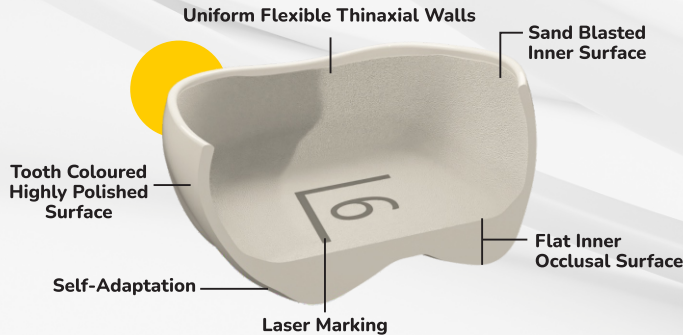




Permanent Molar Crowns

World's First Flexible, Durable and Esthetic Full-Coverage crowns for young permanent molars.
"The smart design for minimum & quick preparation.."

Permanent Molar Design



Kids-e-Crown®

"The Smart Crown"

"Kids-e-Crowns are world's first pediatric smart crowns. Made of superior zirconia, highest biocompatibility for optimal gingival healing and aesthetics. Unique design aids in minimal tooth reduction, narrow sizes for space loss cases, and efficient cementation with micro mechanical locks.

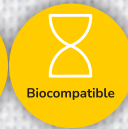


Technique video

Research

"Preformed zirconia crown can be a relative replacement of SSC in primary molars as it causes comparatively less inflammation and with an advantage of esthetics."

Aggarwal P, Goyal V, Mathur S, Sachdev V. Effect of Stainless-Steel Crown and Preformed Zirconia Crown on the Periodontal Health of Endodontically Treated Primary Molars Correlating with IL-1: An In Vivo Study. *J Clin Pediatr Dent.* 2022 May 1;46(3):199-203.



Invented by

Dr. Mukul Jain, Mr. Nikhil Kitawat

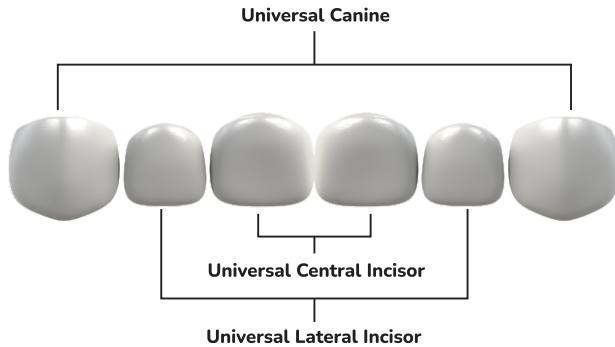
Anterior Master Kit



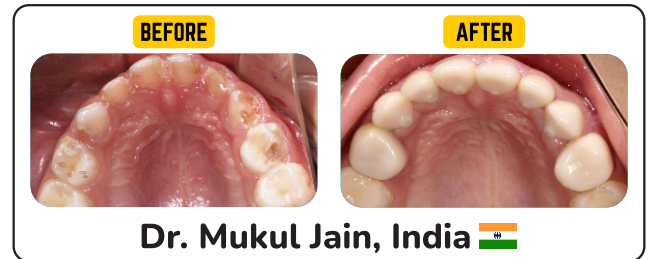
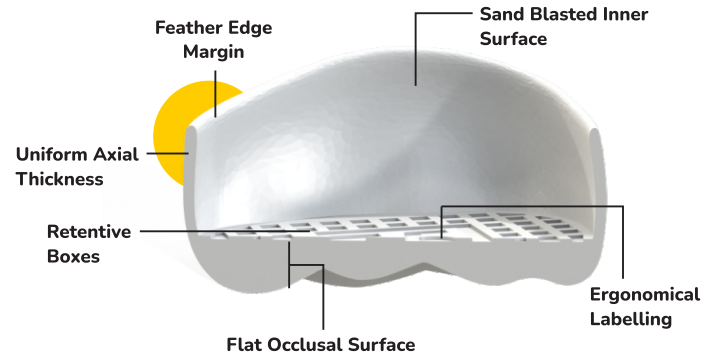
Posterior Master Kit



Anterior Design



Posterior Design



Kids-e-Restore

Injectable Glass Ionomer Composite Resin

Kids-e-Restore is a self-adhesive, light cured, flowable, and ready to use resin reinforced glass ionomer restorative

Features

1. Self-Adhesive Technology:

- Eliminates etching and bonding procedures.
- Self-etching properties with chemical adhesion.

2. Sustained Fluoride Release:

- Promotes antimicrobial and anticaries activity.

3. Ease of Placement:

- Carefully balanced viscosity for easy and convenient placement.
- Highly thixotropic, stays neatly in place, and holds its shape.

4. Durable and Versatile:

- Demonstrates physical performance similar to regular GIC material.

5. Smooth Surface:

- Provides a smooth and esthetic finish.



“Injectable Glass Ionomer Composite.”

“Ready to use light cure restorative **glass ionomer composite.**”

Indications

- Lining under all types of filling material.
- Extended fissure sealing.
- Core build-ups.
- Restoration of smaller lesions.
- Minimal Class I, II, and III restorations.
- Class V restorations.
- Root surface restorations.
- Semi-permanent fillings.



Technique



Fill the cavity with
Kids-e-Restore



Wait for 20 seconds



Light Cure



Preventive Dentistry



Technique video

no drilling
anesthesia
pain



Silver diamine fluoride (SDF) is a liquid which can be effectively used as a desensitizer. It was cleared as a desensitizing agent by the US Food and Drug Administration in 2014. SDF forms deposits to occlude the dentinal tubules. Fluoride acts as a remineralisation agent to control hypersensitivity by physically sealing exposed dentinal tubules which prevents fluid movement that triggers nerves within the tooth. Fluoride works primarily by precipitating calcium fluoride crystals within the tubules, reducing permeability.

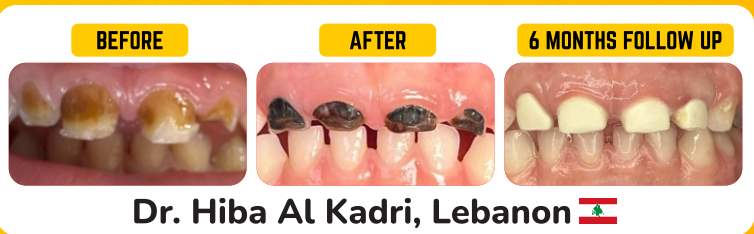
Benefits

- **PAINLESS:** No anesthesia required
- **NON-INVASIVE:** No drilling required
- **TIME SAVING:** Easy to use
- **DROP:** Up to 5 surfaces
- **3.25 ML BOTTLE:** Can cater 100 to 130 patients

Research

"Dentin hypersensitivity can effectively be reduced by utilization of silver diamine fluoride as a desensitization agent. Silver diamine fluoride has potential as a management for dentin hypersensitivity after instant application"

Jain M, Thakkar R, Jadeja S, Mohanty L, Sahu S, Khan F. Assessment of Various application times of diamine silver fluoride desensitizing solution on Dentin hydraulic conductance. J Adv Med Dent Sci Res 2021;9(7):137-141.



e-Pit & Fissure Sealant

Nano silver reinforced pit and fissure sealant

e-Pit and Fissure Sealant is the world's first nano silver-reinforced bioactive solution for optimal protection, adhesion, and extended fluoride release.

Features

1. Enhanced Protection:

- Silver Nano antimicrobial technology.
- Smooth glassy surface technology prevents plaque accumulation.

2. Structural Strengthening:

- Facilitates re-mineralization.

3. Durability:

- Excellent retention and sealing margins against micro leakage.
- Long-term resistance to wear, chipping, cracking, and fracture.

4. Reliable Performance:

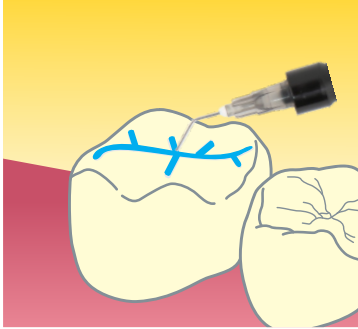
- Resistant to oral solubility.
- Low polymerization shrinkage and gap formation.

5. Precision Application:

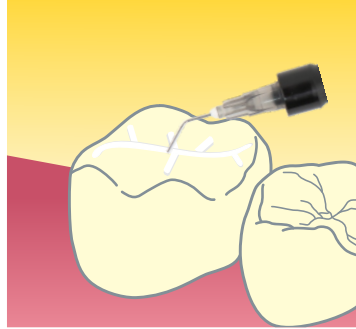
- Excellent flow to penetrate even in the smallest pits and fissures.



3 Easy Steps



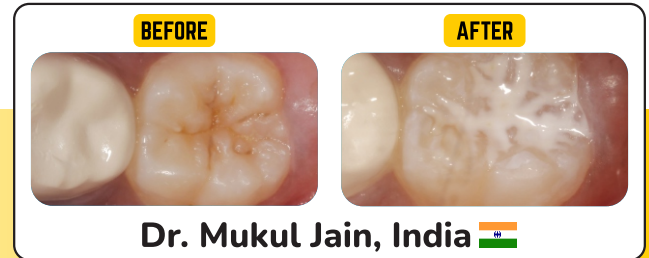
Etch



Sealing



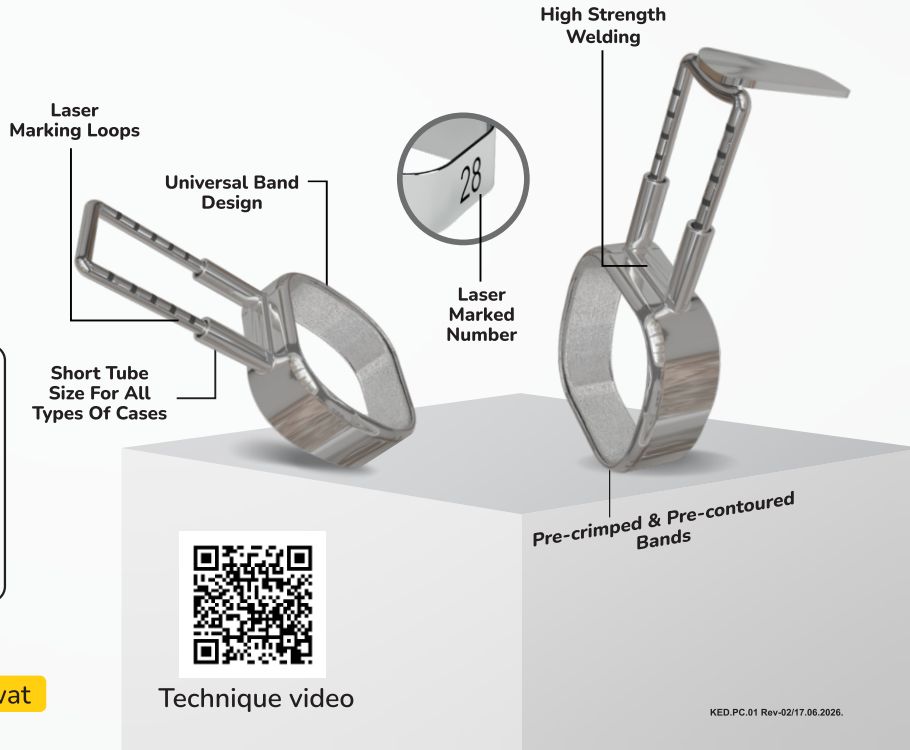
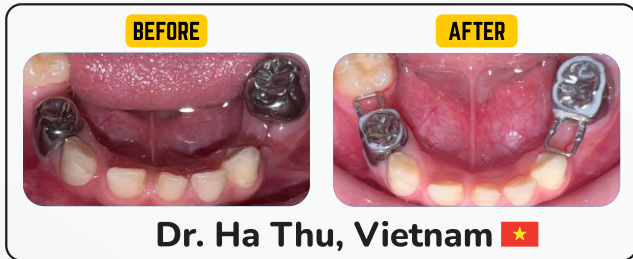
Light Cure



***“Do space maintainers
without taking impression and laboratory work.”***

Advantages

- Single Appointment
- No impression
- No laboratory errors
- Universal bands
- Cost effective
- Useful in sedation cases



Kit Details

Master Kit



(74 Bands, 80 Components)

Band Sizes: 24-42 (2 each)

Components:

- Straight Loop- 30pcs
- Curved Loop- 30pcs
- Distal Shoe- 20pcs

Starter Kit



(37 Bands, 40 Components)

Band Sizes: 24-42 (1 each)

Components:

- Straight Loop- 20pcs
- Curved Loop- 10pcs
- Distal Shoe- 10pcs



Accessories



Research

“This case report showed that in order to reduce chair side time and number of appointments in apprehensive patients, preformed space maintainers could be a new alternative to the conventional fixed space maintainers used in pediatric dentistry.”

Goyal V, Batra T, Mathur S. Use of Preformed Space Maintainer and Regainer in an 8-year-old Child: A Case Report. J Oral Health Comm Dent 2022;16(2):110-112.



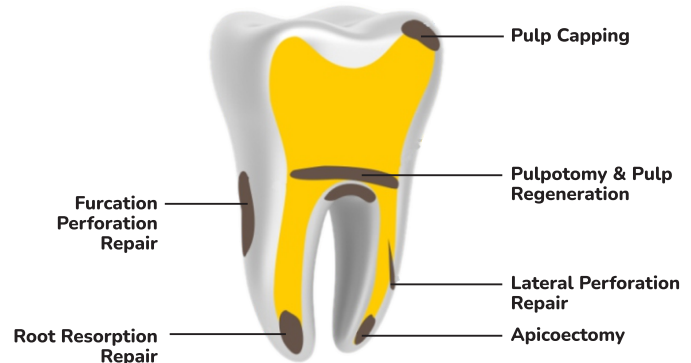
Mineral Trioxide Aggregate

“Get **Putty Consistency** using gel based technology.”

- Gel Based Technology
- Fast Setting
- Anti Microbial
- Washout Resistant
- Bio-Active
- Smart Packaging



Indication



Research

“On conducting the tests and comparing the results, it was found that e-MTA had a slightly better antibacterial efficacy and almost similar antifungal efficacy compared to ProRoot MTA.”

Joshi S, Pendyala G, Jain M, et al. (July 25, 2022) The Evaluation of the Antibacterial and Antifungal Efficacy of Novel Kids Mineral Trioxide Aggregate (e-MTA) With ProRoot MTA and Glass Ionomer Cement. Cureus 14(7): e27226. DOI 10.7759/cureus.27226.

-MTA Putty

Pre-mixed Mineral Trioxide Aggregate

“e-MTA Putty is a pre-mixed bio-ceramic putty.”

Features

- Non Sticky Consistency
- Washout Resistance
- Direct Placement
- Non Staining
- Optimal pH for healing
- Bio Active
- No Wastage
- Handy & Easy to use



e-MTA Sealer

Bioceramic Sealer

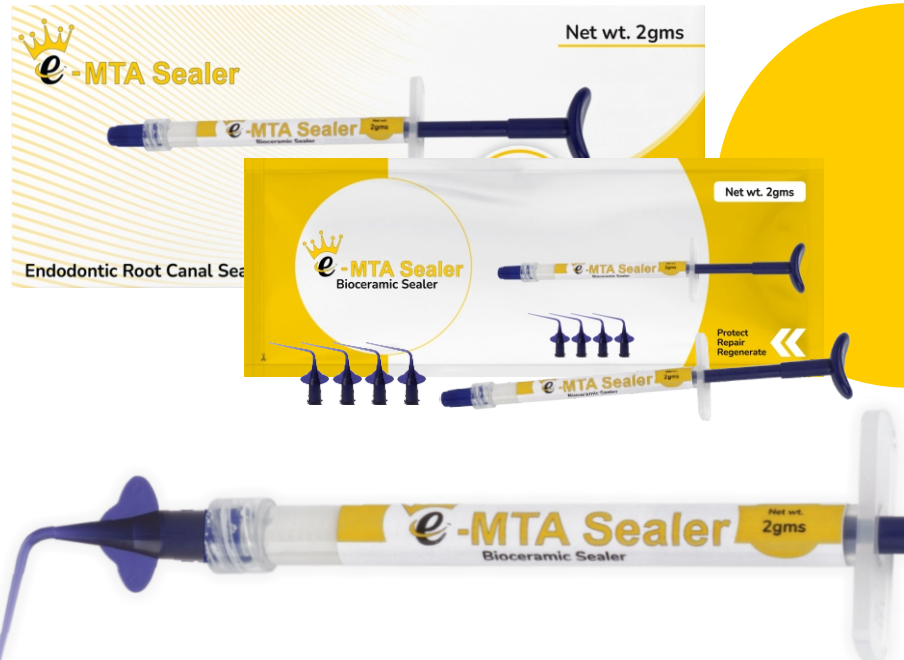
e-MTA Sealer is a pre-mixed bio-ceramic, insoluble, radiopaque and bioactive sealer consisting of very fine hydrophilic particles of several mineral oxides.

Features

- Bio-compatible and bio-active sealer that promotes healing.
- Calcium silicate based root canal sealer.
- High level of hydrophilicity.
- Embodies a pH that is optimal for healing.
- It's low solubility amplifies a remarkable seal.

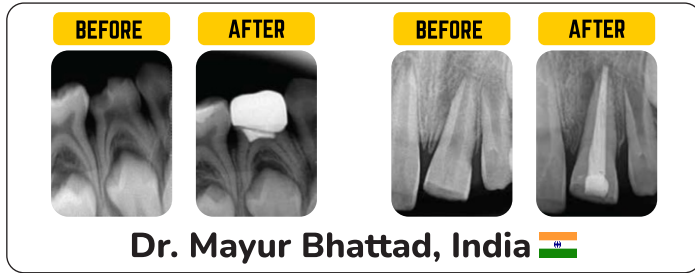


Dr. Gunel Hasanli, Azerbaijan 




e-MTA Carrier
Mineral Trioxide Aggregate Carrier

e-MTA Carrier has been designed to dispense MTA at the designated site of operation, with ease of handling. From internal perforation repairs to root end fillings, it's used for a wide range of clinical MTA procedures.



- **High Strength** • **Autoclavable** • **Made of high quality stainless steel**
- **Angled design for hard to reach canals**
- **Available in 0.8mm & 1.2mm.**



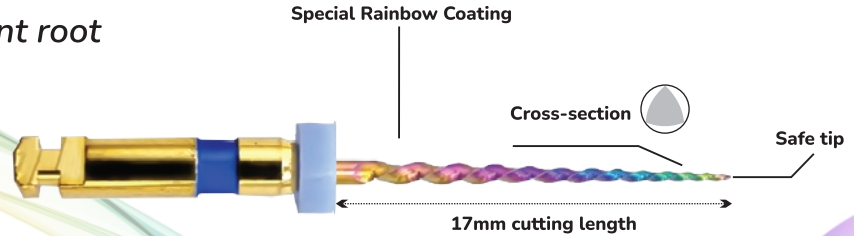
Kids-e-Files

Rainbow heat treated pediatric rotary files

Strong cutting force flexible and unique design

Kids-e-files are advanced heat treated rainbow rotary files used for effective and efficient root canal preparation for primary teeth.

The rainbow file is designed for debris removal, cutting efficiency and safety.



Features

- CM wire NiTi memory alloy- Increased flexibility and resistance to cyclic fatigue.
- Triangular cross section - Keep centre stiffness and high cutting efficiency.
- Non cutting safety tip.
- 4 percent constant taper preventing dentinal cracks and over preparation.
- Root canal debris removal is more smooth.



Access Opening

Step 1: Working length determination

+
Patency filing with

Size 10 & Size 15 Hand K-File



Step 2: Shaping with Kids-e-Files (Speed 400RPM, Torque 1.5N)

Anterior Teeth

Posterior Teeth



(40/4%)



(20/4%)



(25/4%)



(30/4%)

Packaging



17mm, (20/4%), (25/4%),
(30/4%) Assorted Files



17mm, (20/4%)
Yellow Files



17mm, (25/4%)
Red Files

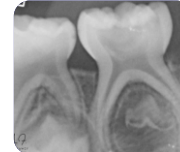


17mm, (30/4%)
Blue Files



17mm, (40/4%)
Black Files

BEFORE



AFTER



Dr. Ahmed Fawzy, Egypt



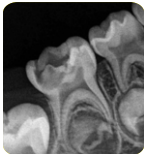
e-IodoCal
Calcium Hydroxide Paste With Iodoform

“Premixed **Calcium hydroxide** paste containing **iodoform** with improved radiopacity and antimicrobial effect.”

Features

- Has an effortless and smooth application
- Antimicrobial effects acts as intracanal medicament
- Excellent radiopacity (Iodoform)
- Disposable applicator tips to prevent cross contamination
- Pre-mixed paste for temporary root canal filling
- Non Setting and easy handling

BEFORE



AFTER



Dr. Amol Patil, India 



Scented - e - Pens

Flavoured Pens To Improve The Nitrous Experience

About

Scented-e-Pens is a handheld, non-powered device incorporating an internal absorbent core infused with a fragrance crafted using globally approved formulation in full compliance with international safety standards

Advantages

Eliminates the need for pre-scented masks

Colourless marking

Encourages patients to continue breathing through the mask

Provides essential mental and emotional support during treatment

Fast and easy to apply

Improves mask acceptance among pediatric patients

25-30 applications per pen

Long duration of action (30-40 min)



Dr. Kristina Poliakova,
Dubai 🇦🇪

“ Scented-e-Pens are an amazing innovation in pediatric dentistry. They help children accept the sedation mask more easily, feel happier after the procedure, and keep both parents and doctors truly satisfied. A truly game-changing product for kids! Scented-e-pens improve cooperation with the sedation mask, reduce stress, and leave children, parents, and doctors happy after treatment. ”

How to use

Step 1



Ask patient for
Flavour preference

Step 2



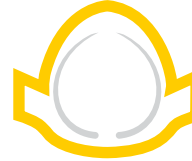
Remove the cap from the
Scented-e-Pens.

Step 3



Apply a layer to the internal
surface of the mask.

Step 4



Allow fragrance to disperse
for a few seconds.

Step 5



Place the mask on the patient's nose
according to standard sedation protocol.



Dr. Nurana Mahmudlu, Azerbaijan

“I use Scented Pens in my pediatric dental practice. The pleasant scent helps children feel relaxed and more cooperative during the visit. It makes communication easier and creates a friendly atmosphere. I highly recommend them for pediatric dentists.”



Dr. Marah Tayyem, Jordan

“Our nitrous oxide mask just got a magical upgrade! These scented e-pens made our young patients so busy deciding their favorite scent, they forgot to be nervous!”



Dr. Brito, Colombia

“With Scented E-Pens, every sedation has its own special scent, but mango has definitely become the favorite. I can't imagine using nitrous oxide without that aroma that helps transform the appointment into a more positive experience.”



e-Splint is esthetic fiber material. Medical grade polyethylene fibers are weaved into tight structural threads.

Advantages

- High Fracture Toughness
- Easy to use and manage
- Multidirectional Reinforcement
- High Resin Permeability
- Available in 2mm, 4mm & Assorted packs



Pediatric Dentistry Products

Kids-e-Crown
Preformed Zirconia Crowns



Bioflx
Crown
World's first flexible, durable, esthetic & self adaptive pediatric crown



e-SPACE MAINTAINER
Preformed Space Maintainer



Kids-e-Crowns, Bioflx & e-Space Maintainer Mini Kits



Kids-e-Files
Pediatric Rotary Files



e-MTA Putty

Pre-mixed Mineral Trioxide Aggregate



e-MTA Sealer
Bioceramic Sealer



e-IodoCal

Calcium Hydroxide Paste With Iodoform



e-MTA

Mineral Trioxide Aggregate



e-MTA Carrier

Mineral Trioxide Aggregate Carrier

Kids-e-Restore

Injectable Glass Ionomer Composite Resin



e-SDF

38% Silver Diamine Fluoride



e-Pit & Fissure Sealant

Nano silver reinforced pit and fissure sealant



Scented-e-Pens

Flavoured Pens To Improve The Nitrous Experience



e-SPLINT

Esthetic fiber reinforced splint



Testimonials

Dr. Ngoc Vo Truong Nhu, Vietnam 




BEFORE



AFTER



"Kids-e-Dental inventions are trustworthy and should be in the must-have materials at all clinics."

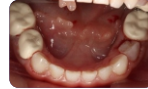
Dr. Mitsy Navales, Philippines 



BEFORE



AFTER




"Bioflx crown is an excellent material, giving pediatric dentist patients good esthetics and functionality."

Dr. Chanika Manmotri, Thailand 



"Easy to use and need little chair time parents are pleased with the aesthetics of the crowns."

Dr. Dian Ayu, Indonesia 



BEFORE



AFTER



"Kids-e-Crowns represent a new approach and another alternative to restore the natural appearance of child's teeth compromised by caries and or trauma."

Dr. Marwa Abdelkader A. Taha, Egypt 



KIDS-E-CROWNS



E-SPACE MAINTAINER

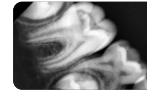


"Kids-e-products are reliable, convenient and adds beauty to the pediatric practice."

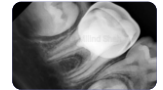
Dr. Milind Shah, India 



BEFORE



AFTER



"e-MTA has better handling properties and it's consistency is very good to work with."

Dr. Meenakshi Kher, India 



BEFORE



AFTER



"I will choose Bioflx crowns over Zirconia crowns."

Dr. Aum Joshi, India 



X-RAY PRE OP



PRE OP



POST OP



GIC RESTORATION



4.5 YRS FOLLOW UP

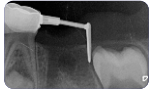


One of the most impactful advances in pediatric dentistry brought to India, e-SDF made minimally invasive caries management accessible to every clinician. From "drill and fill" to "preserve and protect."

Testimonials

Dr. Deepesh Prajapati, India 

BEFORE



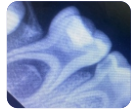
AFTER



"After over three years and 200 successful procedures, I am highly confident in this system's reliability."

Dr. Sandra Wasfi, Iraq 

BEFORE



AFTER



"Pediatric Rotary Files are so flexible, short and sharp."

Dra. Isa Pérez, Guatemala 

BEFORE



AFTER



 **e-SPACE MAINTAINER**

Dr. Julie Resnekov, South Africa 

BEFORE



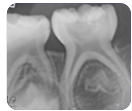
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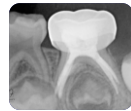
Bioflx
Crown

Dr. Ahmed Fawzy, Egypt 

BEFORE



AFTER



 **Kids-e-Files**

Dr. Rosmary Navarro, Peru 

BEFORE



AFTER



Bioflx
Crown

Dr. Hiba Al Kadri, Lebanon 

BEFORE



AFTER



Zirconia crowns allowed us to restore both form and function while preserving a natural appearance. The greatest reward was seeing this child smile with confidence again.

Dr. Abubakar Kazi, UAE 

BEFORE



AFTER



 **e-IodoCal**

Dr. Anastasia Gasita, Moldova 

BEFORE

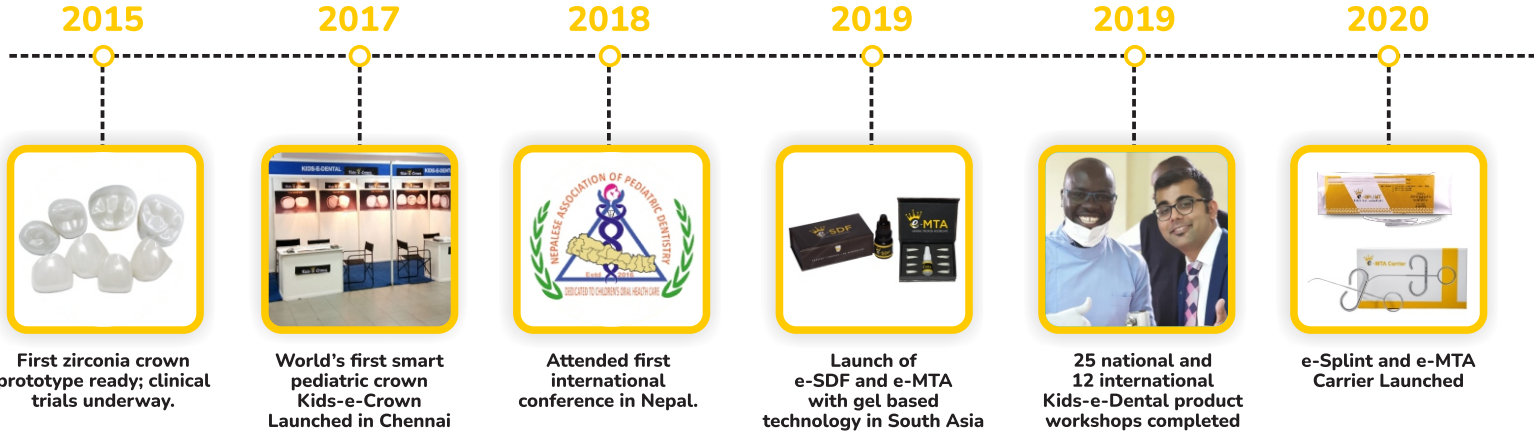


AFTER



Bioflx
Crown

Our Journey



Our Presence



Impacting lives and dental health globally

2021

2022

2023

2024

2025

2026



Partnered with Laxmi Dental Limited



e-Space Maintainer Launched



Launch of Bioflx Crown, e-MTA Putty, e-MTA Sealer and e-IodoCal



Kids-e-Files, Kids-e-Restore and e-Pit & Fissure Sealant Launched



Bioflx Permanent Molar Crown Launched



Scented-e-Pens Launched



Startup India recognition by Government of India



ISO & US FDA Approved



Making Pediatric Dentistry Easier



**Scan & Fill this form
for *FREE* webinar**



**MAKING
PEDIATRIC DENTISTRY EASIER**



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