



elephant+
ZIRCONIA CROWNS

let them smile





ANTERIOR & POSTERIOR



■ Design

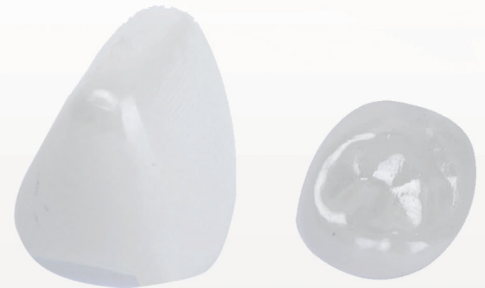
Smart Labeling

**Laser marking lingual surface
for easy selection**



Highly Polished & Glazed

**Providing best light reflection
& smooth outer surface**



Conservative Preparation

Thickness

0.6 mm Occlusally

0.4 mm Axially



Perfect Anatomy

With right and left design



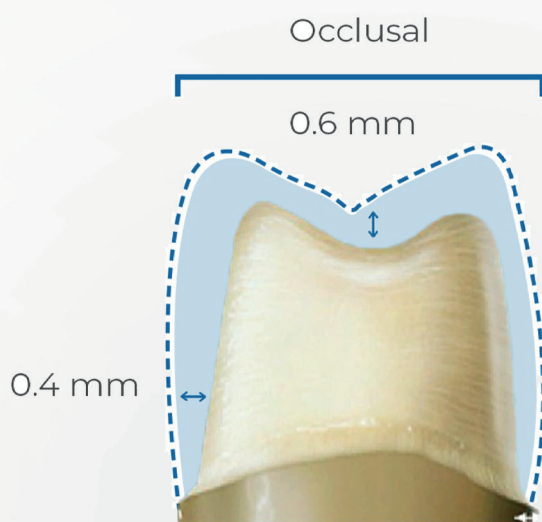
Sandblasted Inner Surface



CONSERVATIVITY

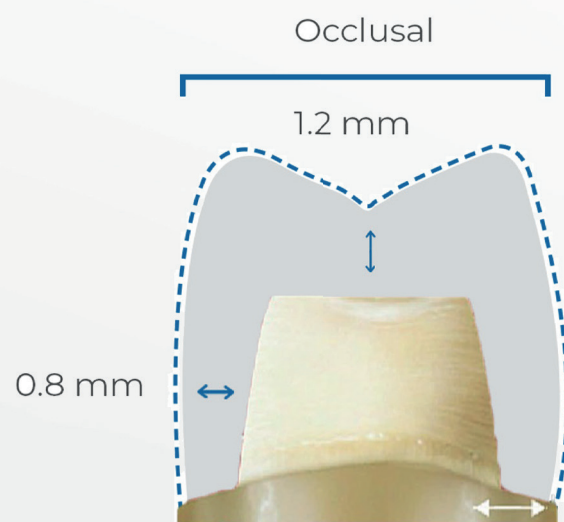


- Anatomically contoured inner surface to avoid loss of sound tooth structure
- Minimum Crown Thickness (0.4 mm) to ensure conservative preparation and better margin adaptation



elephant plus Zirconia Crowns

Anatomically conservative preparation



Competitors

Aggressive crown preparation with flat occlusal reduction causing sound tooth loss



CROWN SIZING



A - UPPER CENTRAL INCISOR

SIZE	MD	BL
1	6.5	5.5
2	6.9	5.8
3	7.3	6.1
4	7.6	6.4
5	8	6.7
6	8.4	7

B - UPPER LATERAL INCISOR

SIZE	MD	BL
1	5	5.3
2	5.4	5.5
3	5.8	5.7
4	6.2	5.9
5	6.6	6.2
6	7	6.4



D - 1ST MOLAR

SIZE	UPPER		LOWER	
	MD	BL	MD	BL
2	6.8	7.8	7.7	6.8
3	7.2	8.1	8.2	7
4	7.6	8.4	8.7	7.2
5	8	8.8	9.1	7.5
6	8.4	9.2	9.5	7.8
7	8.8	9.6	10	8.1

E - 2ND MOLAR

SIZE	UPPER		LOWER	
	MD	BL	MD	BL
2	9.1	10.6	9.5	8.6
3	9.5	10.9	10	9
4	9.9	11.3	10.5	9.5
5	10.4	11.7	10.9	9.9
6	10.8	12.1	11.3	10.3
7	11.2	12.6	11.7	10.7

ELEPHANT PLUS KIT CONFIGURATIONS

■ UPPER ANTERIOR KIT

Sizes 1 to 6

Total 24 crowns



■ UPPER POSTERIOR KIT

Sizes 2 to 7

Total 24 crowns

Lower posterior kit

Sizes 2 to 7

Total 24 crowns

ALL MOLARS KIT

■ LOWER (D,E RIGHT & LEFT)

Sizes 3, 4, 5

Total 24 crowns

SMART KIT

**A,B RIGHT & LEFT - UPPER & LOWER
D,E RIGHT & LEFT**

Sizes 1,2 Sizes 3,4

Total 24 crowns

■ CUSTOMIZED KIT

Any 24 crown from Your choice

DO YOU PROVIDE TRY IN CROWNS ?

No need for try in crowns as crowns can be autoclaved while maintaining the same properties



Inner surface has a specific sandblasting technique which is not affected by autoclaving

AUTOCLAVING GUIDE:

- 01 Wash the used crowns carefully and remove any remnants
- 02 Dry carefully
- 03 Place each crown in a separate pouch
- 04 Avoid any physical pressure on the pouch (keep it on top)
- 05 Recommended temperature 121°C





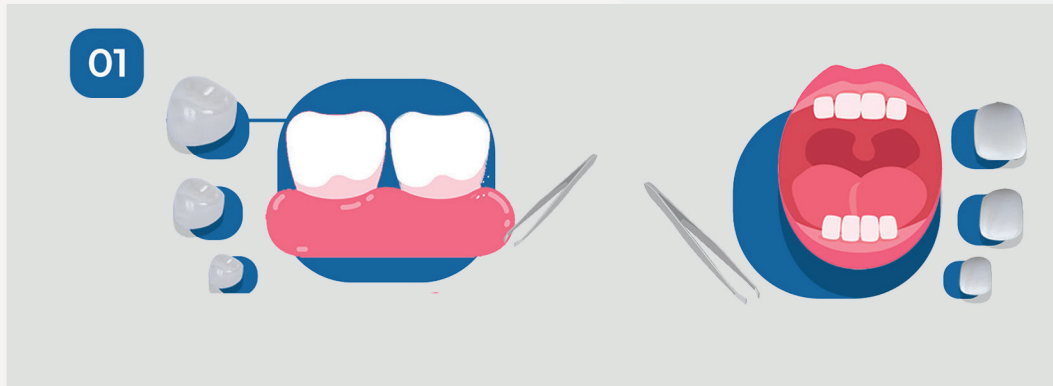
PREPARATION

TECHNIQUE

Aim Of Preparation:

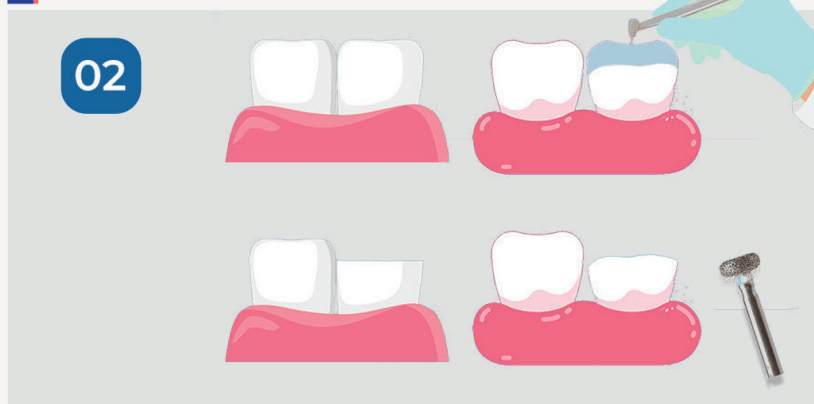
Make crown passively fit on tooth structure

Crown Selection



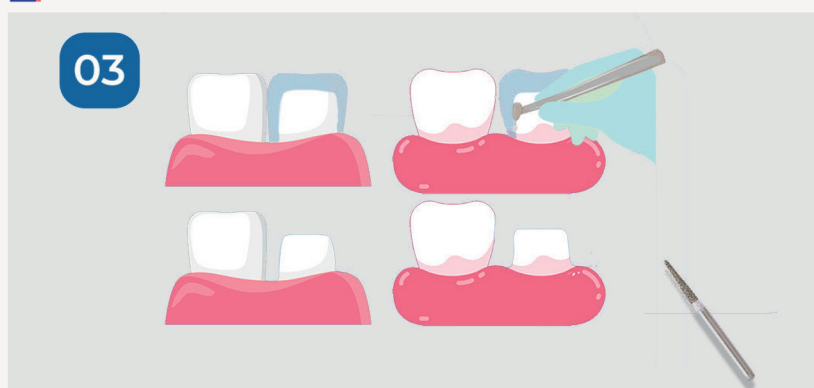
Choose appropriate size of crown using mesio-distal width

Incisal & Occlusal Prep.



- Cut incisally / occlusally 45°
- Flat or anatomical preparation
- Also Palatal fossa with wheel stone in case of ant. teeth

All Around Prep.



- Reduction all around
- Using TR bur



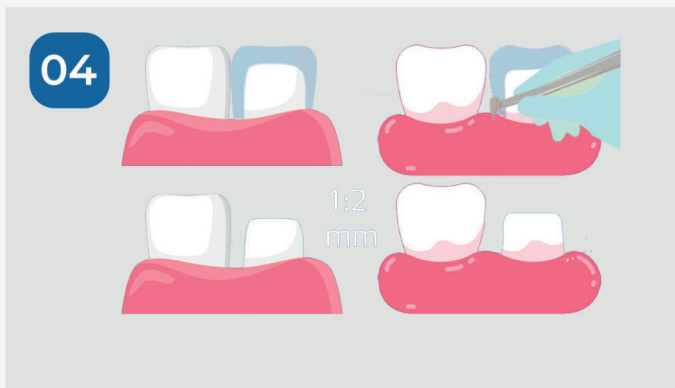
PREPARATION

TECHNIQUE

Aim Of Preparation:

Make crown passively fit on tooth structure

Subgingival Prep.



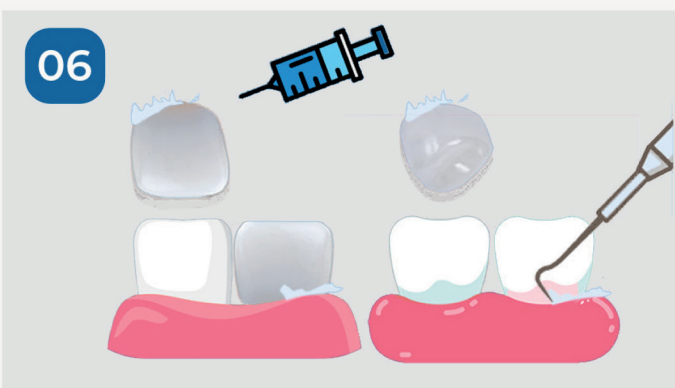
- Reach with the preparation to sub gingival area 1-2 mm

Check Fit & Prep.



- ✓ Round off line angles
- ✓ Crown fitting passively
- ✓ Clean crown with water and alcohol
- ✓ Control Bleeding
- ✓ Try in with hands Don't let patient bite

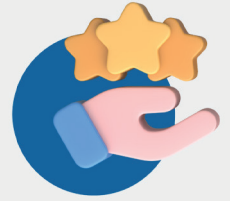
Cementation



- We recommend Glass Inomer cement.
- Cement using light finger pressure
- Remove Residual cement



DOCTORS FEEDBACKS



PROF. DR. HANY SABER

ASSOCIATE PROFESSOR AT PEDODONTICS
DEPARTMENT, CAIRO UNIVERSITY

Improved design allowing easier insertion,
enhanced retention and color. Highly
durable and best value for money



DR. IBRAHIM MANSOUR

PHD RESEARCHER, MEMBER OF AMERICAN
ACADEMY OF PEDIATRIC DENTISTRY

Very good crowns, cost effective, good
anatomy and color matches natural teeth,
easy to prepare and enhanced retention





DOCTORS FEEDBACKS



PROF. DR. Wael ABDELKHALEK

HEAD OF PEDODONTICS DEPARTMENT, ZAGAZIG
UNIVERSITY

Elephant Zirconia Crowns come in a variety of sizes and kit configurations, autoclavable and no try-in kits, which save me time. Overall, higher quality with affordable pricing.



DR. MOSTAFA NABIL

ASSISTANT RESEARCHER OF PEDIATRIC DENTISTRY AT
NATIONAL RESEARCH CENTER

Elephant Zirconia Crowns, excellent crowns versus price. With good sizing chart and polish ability.





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