

Preparation Guidelines for PM9 Restorations

- A chamfer or shoulder with rounded internal angle (90 - 110°) should be the margin preparation for all-ceramic restorations.
- All line and point angles should be rounded.
- Feather-edge margin preparations are not suitable for all-ceramic restorations.

Preparation Guidelines for Unsupported Crowns:

- The incisal should be reduced by 1.5mm (minimum).
- Axial reduction should be 1mm (minimum).

Preparation Guidelines for Press-to-Zirconia crowns:

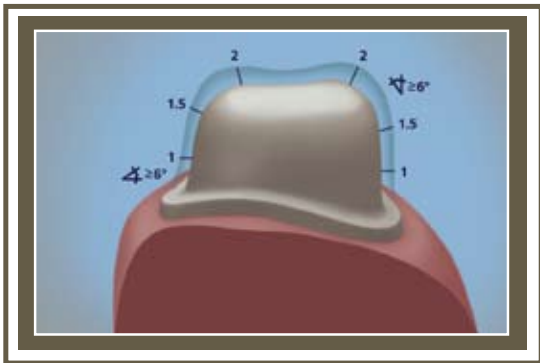
- Incisal/occlusal reduction should be 2mm (minimum).
- Axial reduction should be 1.5mm (minimum).

Preparation Guidelines - Inlays:

- There is a minimum thickness of 1.5mm in the isthmus.
- The minimum width of the proximal step is 1.5mm.
- The minimum layer thickness for cusp preparation is 1.5mm.

Preparation Guidelines - Veneers:

- The thickness of the ceramic must be at least 0.7mm.
- Incisal reduction should be 1.5mm (minimum).



Cementation of VITAPM9

PM9 crowns, veneers, inlays, and onlays without a zirconia substructure must be adhesively bonded using resin cement luting systems. Restorations pressed to zirconia may be cemented conventionally or adhesively bonded.

Conventional Cementation (press-to-zirconia restorations only)

For press-to-zirconia applications, the following cement options are available:

- Zinc phosphate cement
- Glass ionomer cement

Examples include:

Fuji 1 Capsule Glass Ionomer Cement (GC)
Ketac-Cem Aplicap (3M-Espe)



IMPORTANT: Do not use resin-modified glass ionomer cement. Currently, cementation is not recommended with this type of cement. Previous studies indicate that these adhesive materials tend to expand after a certain time in situ due to the absorption of moisture. This can lead to fractures of all-ceramic restorations - even those supported by zirconia.

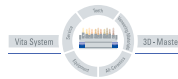
Adhesive Cementation (press-to-zirconia and unsupported PM9 restorations)

Though other resin cement systems may be used, VITA recommends the following:

PANA VIA 21 TC	(Kuraray)	(chemical curing)
PANA VIA F 2.0 TC	(Kuraray)	(dual-curing)



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VERSATILE PRESS CERAMIC

VITAPM[®]9



Dentistry by Dr. Xavier Saab,
ceramics by Victor Castro, CDT

Strength
Beauty
Versatility

(See back for Cementation of PM9)

VITAPM®9

Beauty, Strength and Versatility

VITAPM®9 is the newest VITA restorative material in the VM line of fine particle, 3D-Master shaded porcelains.

VITAPM9 is indicated for:

- Press-to-zirconia
- Unsupported anterior crowns, inlays, onlays and veneers

Pressable VITAPM9 is based on the proven fine-structure ceramic VITAVM®9 and is used for pressing to zirconia frameworks, such as VITA In-Ceram®YZ and other similar materials for natural looking high-strength anterior and posterior crowns and bridges.

VITAVM®9

Generally recognized as one of the most natural looking porcelains available, VITA's popular VM9 offers excellent physical properties, desirable handling characteristics and, due to a homogeneous distribution of extremely fine particles, clinical wear characteristics that mimic those of enamel. In addition, VITAVM9 is available in both VITA 3D-Master and Classical shade systems.

The Fine-Structure Of VITAPM®9 Restorations

Beauty And Strength



Take advantage of VITAPM®9's amazing esthetics and extreme versatility

VITAPM9 GENERAL INDICATIONS

		VITAPM®9	
		Overpressing Technique	Substructure-free staining and layering technique
Inlays		—	●
Onlays		○	●
Veneers		—	●
Full Occlusal Onlays		○	●
Anterior Full Crown		●	●
Anterior Bridge		●	—
Posterior Full Crown		●	—
Posterior Bridge		●	—
Characterization		VITA AKZENT, VITA Shading Paste	VITA AKZENT, VITA Shading Paste
Individualization		VITAVM®9	VITAVM®9

● RECOMMENDED ○ POSSIBLE