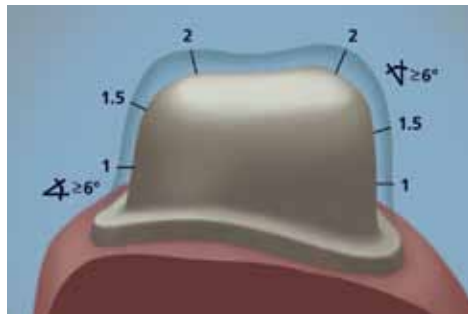
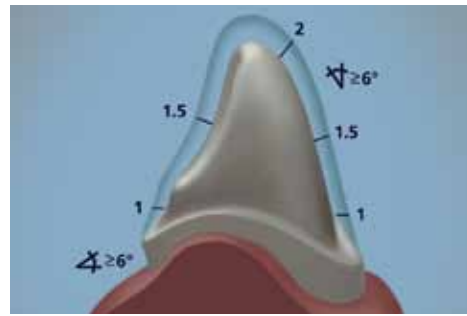


inVizion® Preparation and Cementation



Preparation of pre-molars and molars
For posterior teeth a simplified occlusal relief should be prepared to provide more space for the ceramic material. In the occlusal area at least 1.5 mm of space is required.



Preparation of anterior teeth
The incisal area of anterior teeth should be reduced by 2mm.

General preparation information

The preparation can be carried out either using a chamfer or a shoulder preparation with a rounded interior angle. A circular cutting depth of one millimeter is required. The vertical preparation angle should be 3°; parallel preparation is possible if clinically required. All transitions from the axial wall towards the occlusal surfaces must be rounded.

Contraindication

A feather edge margin is not recommended, as it does not provide adequate reduction for the porcelain buildup.

Cementation information

inVizion restorations are suitable for non-adhesive cementation with glass ionomer or zinc phosphate cements or adhesive bonding with the self-curing materials such as PANA VIA 21 TC or the dual-curing PANA VIA F (Kuraray).

Your dental lab:

Pretreatment of inVizion zirconium dioxide restorations prior to adhesive fixation

- Sandblast the inner surfaces of the restoration using aluminium oxide (max. 50 µm) at a pressure of 2.5 bar. Avoid contact with the cleaned surface.
- Etching with hydrofluoric acid is not possible. Silanizing is not required.
- Please observe the instructions for use of the manufacturer for the adhesive materials.

Removal of integrated restorations

In the event of a crown having to be removed it is recommended to use a cylindrical diamond instrument at a speed of 120,000 rpm while ensuring maximum cooling with water.

inVizion®

VITA YZ with VITAVM[®]9 or VITAPM[®]9



VITA®

800-828-3839

Canada 800-263-4778
www.vident.com

VIDENT™

*Vident warrants, for 10 years from date of placement, that all copings or substructures (other than porcelain) ("framework") fabricated using VITA In-Ceram YZ block material will not break if fabricated in strict compliance with manufacturer's approved indications and instructions for use (VITA In-Ceram YZ Working Instructions, Lit. No. 1128E). No other express warranty is given with respect to framework fabricated using VITA In-Ceram YZ block material. Subject to limitations. Visit www.vident.com for full warranty details.

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inVizion is a trademark of Vident, Inc. In-Ceram, VITABLOCS and 3D-Master are registered trademarks of VITA Zahnfabrik. Patent #5,498,157

VIDENT™

VITA®

inVizion restorations milled on the Sirona® inLab system combine the incredible strength of VITA In-Ceram YZ with the highly esthetic properties of VITAVM®9 ceramic veneering material for superior strength, stability and excellent marginal fit.

inVizion is perfect for Anterior and Posterior Crowns and Bridges

- inVizion frameworks are made of yttrium-stabilized zirconium oxide, **one of the strongest all-ceramic dental materials available**, with no compromise of esthetics.
- inVizion restorations are **suitable for delicate frameworks**, leaving more room for creative ceramic work.
- inVizion frameworks boast a **900+ MPa flexural strength** and an above-average fracture toughness of 5.9 MPa.
- VITAVM®9 fine-structure porcelain with **enamel-like abrasive behavior** increases wear comfort for the patient.
- inVizion restorations feature a superior selection of **97 VITA Classical and 3D-Master® shades** using VITAVM®9 porcelain.
- VITAPM9 pressable ceramics** offer the same outstanding esthetics and clinical wear properties of VM9 in press-to-zirconia form.



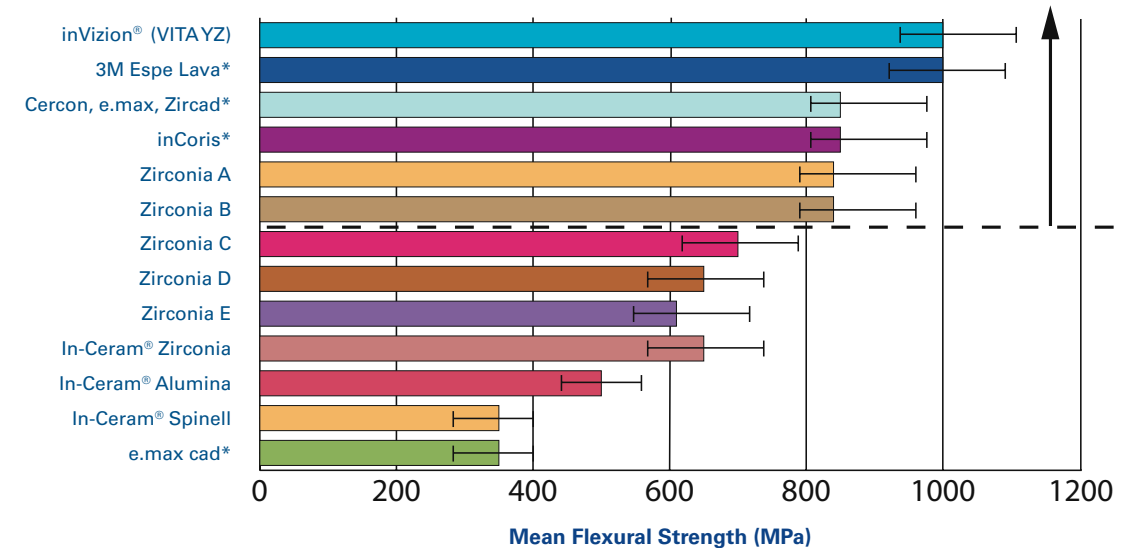
Proven Technology

The proven technology of Sirona inLab milling combined with the strength and vitality of inVizion makes beautiful, long-lasting all-ceramic crowns and long-span bridges a reality!

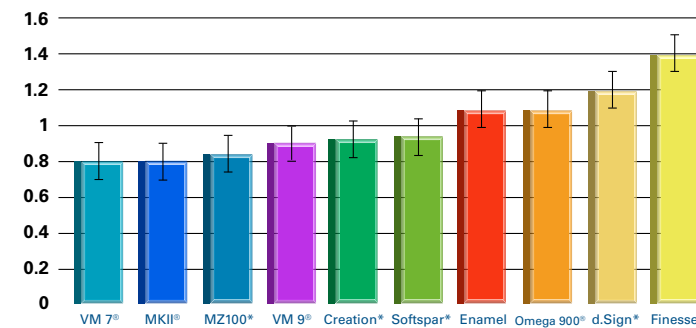
"inVizion now makes it possible to have multiple-pontic bridges with the esthetics of all-ceramic restorations and the strength of metal."

Edward Lowe, DMD
Private Practice, Vancouver, BC

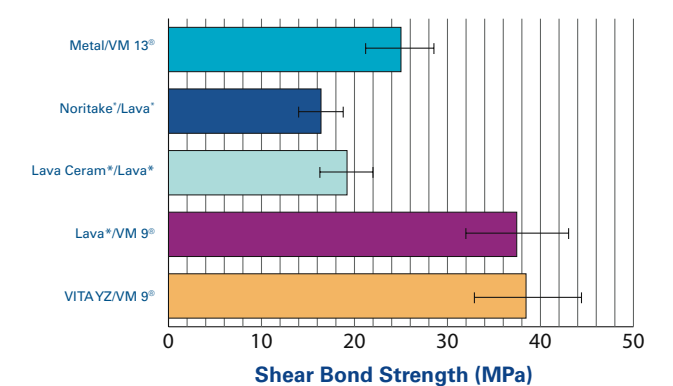
Superior Flexural Strength



Amazing Enamel Wear



Bond Strength of Porcelains to Substructure



Research for all charts conducted by:
Russell Giordano, DMD, DMedSC, Cert. Prosth.
Associate Professor Boston University
Goldman School of Dental Medicine
Department of Restorative Sciences/Biomaterials

*Not a trademark of VITA or Vident



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Ceramics and dentistry by Dr. Ed McLaren
Director, UCLA Center for Esthetic Dentistry