

Precision Solutions

# Lava™ Plus

High Translucency Zirconia



My plus is clear:  
The best Lava Zirconia  
aesthetics ever

**3M** ESPE

# Lava™ Plus High Translucency Zirconia – closer to nature than ever

Any shade, any gradient from the inside.

Dental professionals strive for a dental restoration that perfectly imitates adjacent teeth in colour, translucency, individual characteristics, and shape. 3M™ ESPE™ Lava™ Plus High Translucency Zirconia is a new, comprehensive system around a high translucency zirconia, based on special chemistry and processing. Thanks to a unique shading system, it enables highly aesthetic zirconia frameworks and all-zirconia monolithic restoration. Natural, warm colours shining from the inside of your restoration and effect shades for unparalleled individualization will raise your monolithic restorations to a higher level of beauty.

## Excellent monolithic zirconia crown aesthetics.<sup>1</sup>

Lava™ Plus Highly Translucent Zirconia monolithic restorations have been rated by dental professionals as having excellent aesthetic and translucency. It is also the only system on the market that matches the VITA classical shade guide A1 – D4 including the bleached shades.

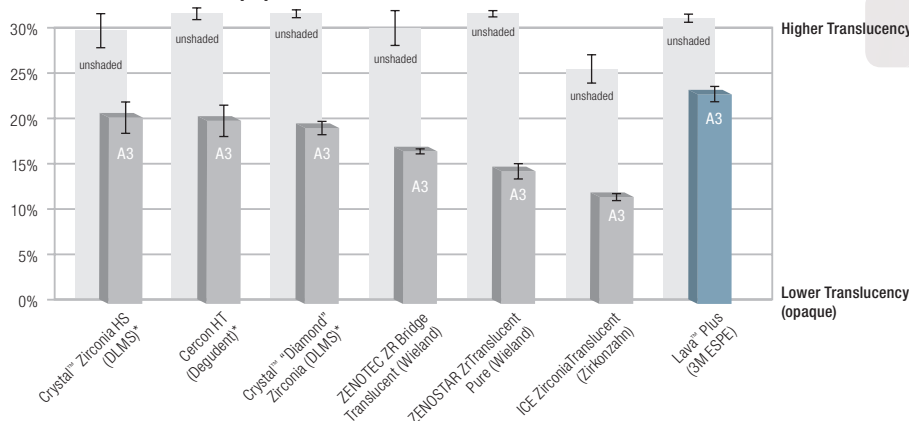
## Best Lava™ Zirconia aesthetics ever,<sup>1</sup> for veneered frameworks too.

For the dentists surveyed, Lava™ Plus system delivers the best Lava™ Zirconia aesthetics ever. Moreover, the material also opens up all the available options for an artfully veneered framework.

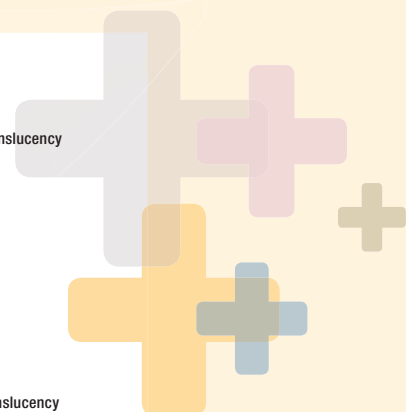
<sup>1</sup> Lava™ Plus Application Test, dentist survey with monolithic and veneered restorations.

Lava™ Plus system is designed for excellent translucency.

**Zirconia Translucency comparison, shaded and unshaded:  
1-Contrast Ratio (%)**



\*Shaded with Zirkonzahn Prettau Colour Liquid A3.



# Experience it for yourself

Experience pure monolithic, glazed-only  
Lava™ Plus Highly Translucent Zirconia Restorations.



Case 1 Initial situation: Insufficient full-cast metal crowns at teeth 26 and 27; insufficient composite filling at teeth 23, 24 and 25.



Final result: Monolithic Lava™ Plus Highly Translucent Zirconia Single Crowns at teeth 25, 26 and 27; teeth 23 and 24 restored with Filtek™ Supreme XTE.

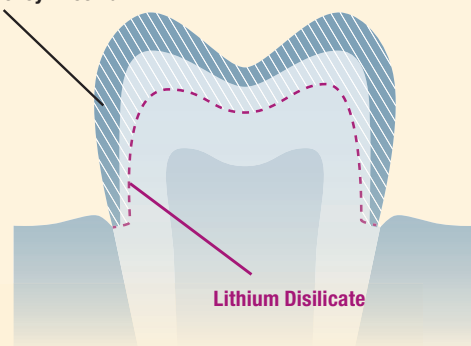


## Easy tooth-preserving preparation.

With 3M™ ESPE™ Lava™ Plus High Translucency Zirconia, it is easy to respect the important preparation guidelines. With as little as 0.3 mm minimum wall thickness for anterior single units, Lava™ Plus system allows tooth preserving preparations.

It requires 3 times less occlusal preparation than lithium disilicate glass ceramic because of its 3 times greater strength.<sup>2</sup>

Lava™ Plus  
High Translucency Zirconia



## Easy adjustments.

If minor intra-oral adjustments are necessary, use a fine diamond bur with water-cooling and continue with a standard rubber polisher set for ceramic materials. For the mandatory high-shine polishing finish, use a diamond polishing paste and a suitable polishing brush.



## Easy cementation.

Due to their outstanding strength, Lava Plus™ Zirconia frameworks and restorations can be cemented by using a glass ionomer cement or a self-adhesive resin cement like RelyX™ Unicem 2. Only for the adhesive bridge indication, adhesive bonding is mandatory. For detailed information, please check the appropriate Instructions for Use of the specific cement.



YouTube™

Scan the QR-Code to get the link to the YouTube Channel: "Seating a Lava™ Plus Highly Translucent Zirconia monolithic crown"

<sup>2</sup>3-Point bending strength test according to ISO 6872.

# Lava™ Precision Solutions – a success story by 3M ESPE

Natural warm colours due to a unique shading system and a highly translucent zirconia material allow a level of Lava™ Zirconia aesthetics you won't have experienced yet. The precision of fit and the strength properties of the well-known indications remain the same as for Lava™ Zirconia. This is backed up by a 15-year limited warranty on 3M™ ESPE™ Lava™ Plus frameworks and Lava™ Plus All-Zirconia monolithic restorations.<sup>3</sup>

With the aesthetic improvements of Lava™ Plus High Translucency Zirconia, monolithic restorations are a beautiful and affordable alternative to PFM or full cast metal restorations. Without porcelain overlay, monolithic Lava™ Plus Highly Translucent Zirconia monolithic restorations are very strong and are not exposed to chipping. And scientific data prove that monolithic Lava™ Zirconia has antagonist preserving wear properties and is not abraded or roughened under occlusal load.<sup>4</sup>



Satisfied customers are already talking  
about Lava™ Plus High Translucency Zirconia.

100% of dental labs surveyed indicated that they will recommend  
Lava™ Plus High Translucency Zirconia to their colleagues.<sup>5</sup>

*“Convinced with the first crown. From now  
on, I'll only use the Lava™ Plus system.”*

RR-DENTAL AG Rainer Rominger, Lava™ Milling Centre Switzerland, Application Test, October 2011.

<sup>3</sup> If fabricated by an Authorized Lava™ Milling Centre on Lava™ Equipment in strict compliance with approved indications and instructions for use for Lava™ Crowns and Bridges. Only approved indications for Lava™ Zirconia are covered and the warranty does not cover any breakage resulting from accidents or misuse. Additional costs such as the cost of preparation and veneering are also not covered.

<sup>4</sup> Scientific fact sheet available under [www.3MESPE.com](http://www.3MESPE.com)

<sup>5</sup> Lava™ Plus application test, Lab Survey, data's available on request.



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