Lava™ All-Zirconia

All-Zirconia Monolithic Restoration

What about chipping?
Not an issue for us.

3M ESPE
Your affordable solution to PFM

Lava™ All-Zirconia
Lava™ All-Zirconia – an outstanding material

Lava™ Precision Solutions – the clinical success story from 3M™ ESPE™.

With its Lava™ Zirconia, Lava™ Precision Solutions has become a huge success story around the globe. There are many reasons: First of all, Lava™ is a leading brand in more than 40 countries; it stands for excellent and highly aesthetic zirconia restorations. With CAD/CAM solutions from 3M ESPE, you can offer highly aesthetic restorations in a certified production process, thanks to high-quality materials.

An additional choice to perfection: Lava™ All-Zirconia Monolithic.

Now there is sensational news: Lava™ Zirconia is also available as All-Zirconia Monolithic restoration. This means that no porcelain overlay is needed and therefore chipping is no longer possible, because the entire crown is made from a monolithic block.

Lava All-Zirconia is the tooth-coloured, metal-free and biocompatible alternative to full cast metal restorations and non-precious PFM in the posterior region. Plus, restorations with Lava All-Zirconia fulfil your patients’ aesthetic needs.
Minimal wear – scientifically proven.

With Lava All-Zirconia exposed directly to the oral environment, one key question arises: What happens to the Lava All-Zirconia crown and the antagonist tooth under occlusal wear conditions? One might intuitively assume that zirconia is highly abrasive due to its high hardness. This is not true. Abrasiveness is mainly determined by smoothness of a material. Therefore, Lava All-Zirconia, when properly polished, is less abrasive than state-of-the-art veneering porcelain.

Influence of surface treatment on the wear of Lava™ Zirconia.

Lava™ Zirconia demonstrates even less wear at the antagonist than present state-of-the-art veneered ceramic surfaces.

Lava™ All-Zirconia – easiest preparation

Tooth Preparation – minimal & flexible.

Due to the high strength of Lava All-Zirconia restorations you can realize a tooth-preserving preparation with just 0.5 mm occlusal reduction. Another advantage: There’s no more darkening at the margin, which enables to maintain optimal gingival aesthetics, even with para- or supragingival margins.

Easy intra-oral adjustment.

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

Use your preferred cement.

Due to the outstanding strength of Lava™ All-Zirconia frameworks, adhesive cementation is not mandatory. Restorations can be placed in the conventional way by using a glass ionomer cement.
With Lava All-Zirconia, you have an outstanding tooth-coloured alternative to full-cast metal and non-precious PFM for patients who value a metal-free, biocompatible and aesthetic restoration.

**Most important benefits of Lava™ All-Zirconia vs. non-precious PFM:**

- Virtually unbreakable, no chipping
- Metal-free & biocompatible
- Natural tooth throughout the restoration
- Ideal for patients with little inter-occlusal space
- No metal margin to hide
- Allows supra-gingival prep margins
- Ideal for bruxism patients and those who grind their teeth
- 15-year limited warranty*

*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™ All-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.*
Lava™ All-Zirconia – your choice for natural beauty and happy patients

Lava All-Zirconia offers compelling aesthetics, especially for the posterior region. This is achieved by its translucency, along with a selection of 3M™ ESPE™ Lava shading liquids based on the Vita® Classic shade guide. The shading liquids ensure natural tooth colour by their well-balanced combination of light absorption and transmission. Moreover, the restoration can be individualized with stains and glaze.

Lava™ Zirconia – a wide array of indications.

With the newly released Lava All-Zirconia Monolithic indications, you now have the full flexibility to cover all your strength and aesthetic needs.

Fully veneered, partially veneered or monolithic: