



The Professionals in CAD/CAM Dentistry

How to Adjust and Polish Your CADpro™ Zirconia

To Relieve, the *Insertion Protocol* for your CADpro™ Zirconia Restoration Is:

1. Try-in the CADpro™ Zirconia restoration intraorally and adjust as needed.
2. Rinse or steam out saliva and thoroughly dry the restoration.
3. Clean Zirconia surface to be bonded with Ivoclean™ by Ivoclar for 20 seconds, then rinse or steam throughly.
4. Treat the Zirconia surface to be bonded with Zirconia primer as per the manufacturer's protocol.
Examples of zirconia primers includes Z-prime™ by Bisco and Monobond™ by Ivoclar.
5. Insert your CADpro™ Zirconia restoration with the cement of your choice according to the manufacturer's protocol.

Steps to Seating and Adjusting your CADpro™ Zirconia Restorations:

- Make adjustments using fine diamond burs with light pressure and copious amounts of water to best prevent against the formation of potential microfractures.
- Seating the restoration with disclosing paste (ie. FitCheck by GC) mixed with a drop of caries indicator will allow for optimal visualization of binding areas that need to be adjusted.
- Polish all adjusted Zirconia with a porcelain polishing system of your choice, making sure to use the polishers in their prescribed order to obtain the best high shine possible.

For more information visit us @

www.JurimDental.com | www.CADproDental.com | 516.466.1722



*Ivoclean™ and Monobond™ are registered trademarks of Ivoclar Vivadent, Inc.
*Z-prime™ is a registered trademark of Bisco, Inc.



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How To Clean Your CADpro™ Zirconia Restoration For Insertion



Your CADpro™ Zirconia restoration is made from high-strength zirconia dioxide which is highly reactive with phosphate groups. When tried intraorally, the zirconia surface binds to the phospholipids present in saliva, effectively "deactivating" the surface resulting in decreased bond strengths during cementation. Trying to clean the zirconia surface with phosphoric acid etch actually worsens the situation as this further exposes the zirconia to phosphate groups.

The only way to effectively "clean" and remove the contaminating phosphate groups and reactivate the zirconia bonding surface is to treat it with Ivoclean™ by Ivoclar for 20 seconds. This alkaline solution of zirconia particles strips the contaminating phosphate groups off of the zirconia restoration to "reactivate" and optimize the surface for cementation. This step is critical to ensuring optimal bond strengths when cementing your CADpro™ Zirconia restoration. Once this is done, the zirconia surface can be treated with a primer and inserted with the cement of your choice.



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