



**ZR-P**<sup>TM</sup>  
ZIRCONIA PRIMER



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## Partial Coverage High Translucency Zirconia Only Case

The following is a clinical case by Dr. John Kanca III, DMD showcasing the enhanced results attained with the use of **ZR-P: Zirconia Primer**. ZR-P can be used for your zirconia, alumina and metal surface cases. ZR-P's unique chemistry provides increased bond strengths to zirconia surfaces allowing successful bonding of **PARTIAL COVERAGE ZIRCONIA CROWNS**. This is a true game changer for the delivery of zirconia.

*"ZR\_P QUOTE" - Dr. John Kanca III, DMD*



1. The patient presents with apparent lingual decay



2. Decay wraps around from the mesial buccal embrasure to the lingual. There is also an existing occlusal composite present.

3. Decay is removed and a small build up is placed using **RE-GEN Self-Etch** and **RE-GEN Flowable**. Using these two products from the RE-GEN suite will allow for the release of ions that are needed to promote hydroxyapatite formations and will create a zone of inhibition to block out secondary carries and recurring decay.



4. The onlay present on the model



5. The onlay is tried in. Then the internal aspect is cleaned with NaOCl, rinsed and dried. **ZR-P Zirconia Primer** is applied and allowed to dwell for 10 seconds and

dried. A layer of **RE-GEN Self Etch #2** is applied, dried and light-activated.



6. The restoration is delivered using **RE-GEN Bulk Fill / Resin Cement**.

The bond strength **ZR-P Zirconia Primer** provides is achieved by combining three different monomers including MDP. The bond strengths are evaluated by bonding to polished surfaces of flattened zirconia crowns with the strengths of 40MPa, 43% higher than the other primers on the market.

These bond strengths provide the necessary strength for long terms success when using zirconia in less retentive scenarios.



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