



"Life will always be, to a large extent, what we ourselves make it"  
Samuel Smiles

Questions?  
Comments?  
Concerns?

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## Digital Oral Scanners

When your dentist asks if you accept digital impression files from 3M's Chairside Oral Scanner (COS) say YES!

So what do you need to know about the COS system?

Once a dentist has a scanner in office, they will need to set up a margin marking lab within the system. Central Dental Creations is a certified Margin Marking Lab, and we were the first certified in Florida. Once received, the margins and die cuts are digitally marked by our staff. The file is sent back to 3M, where they create two separate files, a design file and a model file. The model file can be sent to a model processing company to create a SLA model. At the same time the design file will be sent to us, or directly to you if you are a design center.

When we receive a design file we are able to digitally create the restoration following the dentist's prescription. From this we can create Zirconia copings, Zirconia bridge substructures or full Zirconia restorations. The completed case, along with the SLA model is then returned for delivery. If you design your own case and send the files here for milling, you will receive the model directly from the manufacturer.

Either path is easy: Dentists do not have to change labs, and they can choose any restoration they like. However, you will find that Lava crowns milled from COS impressions are extremely accurate!

## "Outsourced" is not a Dirty Word

Outsourcing has become a negative word over the past few years because of its association with sending jobs outside of the United States. But that isn't necessarily the case. Outsourcing is now, and has always been, a smart way to do business.

To outsource means to subcontract to another company, or to buy components rather than manufacture them. Just like your CPA, your cleaning service, or your IT guy outsourcing common jobs to experts not only saves time, it creates a better result. Outsourcing allows you to focus on what you do best!

Outsourcing with Central Dental Creations is your answer for producing high quality restorations using the latest cad technology and efficient CNC milling machines. All without the extra cost of equipment, supplies, maintenance, or education.

We hope you and your dentist find confidence in knowing that outsourcing to Central Dental Creations get you a superior product at a reasonable price that is entirely American made.





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## Material-ism

At Central Dental Creations we currently offer the following materials:

Lava, Lava Plus, Lava Ultimate, Jensen HT, and Wax.

Choosing the proper material for you case is an extremely important decision. You must take into consideration the patients other existing restorations or habits, the prep, occlusion and dentist preferences. Plus the ability of the material to achieve all the desires of the lab, the dentist and the patient. No single material meets all of the needs all the time.

Full zirconia restorations are very popular right now, and rightfully so. The Lava Plus and Jensen HT material allow us to create some very nice restorations that will withstand any bruxing a patient can dish out, without worry of breakage of ceramics. In most cases they can be created in less time and are more cost-effective. With Lava Plus we are able to achieve the shade with translucency to blend with classic Vita shades. The translucency and shading is not as exact with the HT, but in our opinion, in the posterior regions they also blend very nicely.

For anterior restorations we still recommend a zirconia core with applied porcelain. This will achieve the superior esthetics and individual characteristics that are needed. Keep in mind we can design full zirconia linguals or occlusal stops when space is an issue. If you have a darker stump or post using Lava will give more coverage than Lava Plus.

Lava Ultimate, 3M's newest material, is a hybrid ceramic/composite. It is a single tooth restoration that can be added to with light cured composite chairside. There are limited number of shades, however it can be stained and characterized with light cured stains. Its flexural strength makes it a good restoration for single implants and also a good choice for a younger patient.

Large cases, multiple units, or waxups for PFM can be cad designed and milled in Jensen wax. This can save you time at the bench and can be remilled in Lava very easily when you are ready. If you ever have any questions about materials and what we have available to assist you please give us a call.

