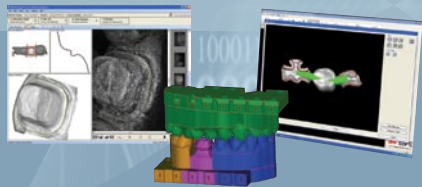


# Digital Workflow



## Digital Impression

Dentist captures the digital impression, reviews it for accuracy and sends the digital prescription to an authorized lab to initiate a wide range of digital production processes.



## Digital Design

1. The lab downloads the digital file and uses customized software to digitally cut the die and mark the margin.
2. 3M ESPE receives the digital file where it is virtually ditched and the data is seamlessly articulated with the operative, opposing and bite scans.
3. The lab receives the virtual model and uses Lava™ Design Software to design a coping, full contour or both.



## Digital Production – Concurrent Manufacturing

1. The virtual model that was sent to the lab for design and production is simultaneously sent to the model manufacturing facility.
2. At the facility, an accurate and durable SLA model is created, which replaces traditional stone model production.
- PFM** 3. The lab can send the digitally designed coping, full contour or both to a wax printer to create wax patterns.
- Lava™** 4. The lab can send the digitally designed file to the Lava Mill to produce a Lava™ Zirconia Coping.
- Lava™** 5. Labs equipped with the new Lava™ CNC 500 Milling Machine will also be able to mill a full contour glass ceramic restoration.<sup>2</sup>



## Finishing

The SLA model is sent to the lab where technicians can utilize their preferred finishing technique:

1. Hand layered porcelain
2. Pressing with wax patterns
3. Digitally designed and milled full contour glass ceramic restoration<sup>2</sup>

The final restoration is then sent to the doctor for seating.