

## Monolithic milling - individually characterised

Smart surface sealing with milled PMMA-Restorations: GC OPTIGLAZE Color

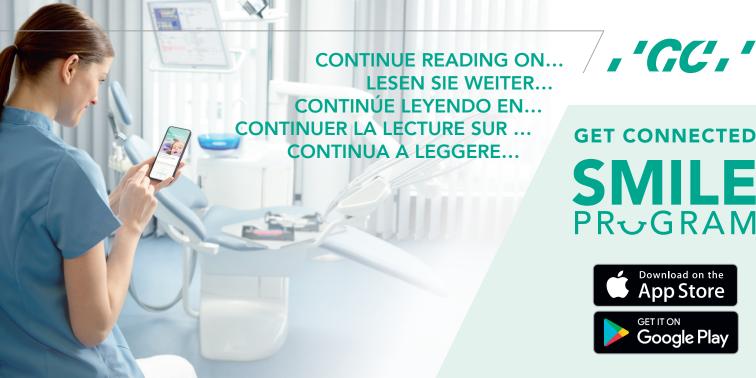
by ZTM Christian Rothe

Digitally modelled and monolithic milled restorations have become a frequently applied technique in daily laboratory practice, for example when creating high quality long term temporary restorations. Efficiency, durability and material homogeneity are substantial arguments in favour of this way of working. So far, however, there was a drawback of milled full contour restoration: there was no direct way to obtain an aesthetically pleasing result. This gap in the manufacturing process has now been "filled" with GC Optiglaze Color. The light-curing, nano-filled material for surface characterization and sealing provides a very simple solution.

## 1. The long-term temporary restoration

The CAD / CAM-based monolithic fabrication of long-term temporary restorations is an economic solution to keep costs manageable. Neither patient nor dentist wants to invest a lot of time and money in a temporary

solution. Nevertheless, certain requirements should still be met. The long-term temporary is a treatment solution and should have a high grade material, little plaque vulnerability and natural-looking aesthetics. With GC Optiglaze Color, we have found a way in which all these conditions and desires can be fulfilled efficiently.





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