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Indirect CAD/CAM restorations

from leucite-reinforced glass-ceramics

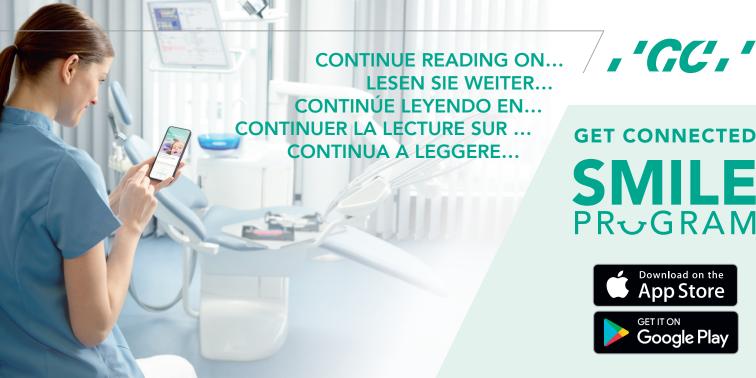
Case report

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The selection of materials and techniques for indirect restoration of broken teeth has always been a critical aspect in the planning of a treatment. It is made even more difficult by the fact that there is a myriad of restorative materials, such as composite and ceramics, on the market (1). It is therefore of important to look for a balance in the restoration process between ease of execution, predictability of the end result and treatment cost.

The durability of the restorations is also an important criteria, and then ceramic is often the material of choice. Nowadays, the manufacturers offer a great variety of ceramics (feldspar, glassceramics, lithium disilicate), zirconium, hybrid ceramics/composites, etc.

A distinction can also be made between the different fabrication process, using a traditional analogue technique or using a digital path. In the analogue technique, an impression is taken after the preparation of the teeth; the impression is then poured and the dental technician manually creates the final restorations. On the other hand, digital technologies digital impression, design, milling and customisation - are becoming more and more popular. In the fast-paced life, digital technologies provide us with a comparative ease of execution, predictable end result, high precision, shorter period of execution (saving time and resources for the clinician as well as the patient) and an optimal cost of the end product.





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