Special Issue

Innovations of Composite Materials in Prosthetic Dentistry

Message from the Guest Editors

The evolution of resinous materials in fixed prostheses on implants and teeth has led to high-level results, both in terms of aesthetics and in terms of durability. The possibility of producing these materials with completely digital laboratory methods, associated with completely digital studio workflows, allows the reduction of processing times and the possibility of delivering complex but cheaper prosthetic restorations. The possibility of using resinous materials that do not require metal reinforcements allows us to reduce costs, improve aesthetics and reduce processing times. Moreover, the possibility of being able to choose different techniques for working the product makes the choice of this type of material for different applications very interesting, and with particular attention to fully digital workflows. To date, substructures of implant prostheses supported in zirconia, structures coated with other types of resins, complete resins or even milled digital flow complete dentures represent absolutely remarkable technical possibilities.

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