



Dr. Rosen Venelinov

Dr. Venelinov graduated in 2000 at the Faculty of Dentistry of the Medical University of Plovdiv (Bulgary). He founded Dental Studio Venelinov in 2001. He specialized his practice towards endodontics since 2003 and towards aesthetic dentistry since 2004. Since 2006, he is a member and co-founder of the Bulgarian Endodontics Society and a widely recognized lecturer involved in numerous Bulgarian and international dental fora. Since 2007, he is also a lecturer and opinion leader for the Bulgarian division of the company GC (Japan) and since 2010 of the company Coltene (Switzerland) for endodontics.

Articles by Dr. Venelinov have been published in many Bulgarian and international publications.

He is involved in the development of composite instruments with one of the reputed manufacturers from the USA - Paradise Dental Technologies. The company produced a kit designed by him: the "Dr.V" composite set.



Dr. Kostadin Gospodinov

He graduated in 2014 at the Medical University of Varna (Bulgary) as Master in Dental Medicine. From 2013 to 2017, he actively participated in the Sofia Dental Meeting. He attends various Master courses on direct and indirect techniques in aesthetic dentistry on a regular basis. His topics of interest include digital dental medicine and CAD/CAM technologies.

Indirect CAD/CAM restorations from leucite-reinforced glass-ceramics

Case report

By **Dr. R. Venelinov, Dr. K. Gospodinov,**
Bulgaria

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, glass-ceramics, 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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