Inlays and onlays with a light-curing single-component material

A clinical case using Telio CS Inlay and Onlay from Ivoclar Vivadent

Direct temporary techniques appear to be particularly advantageous in conjunction with delicate inlay and onlay preparations. Applying a light-curing single-component material is significantly easier and less time-consuming than using an indirect technique. Indirect methods are mainly applied for the fabrication of large temporary restorations. Furthermore, the direct method offers the essential advantage that the material adheres to the dental surfaces by itself, eliminating the need for an additional temporary cement.

Telio CS Inlay and Onlay offer excellent properties tailored to their specific field of application. Telio CS Inlay is suitable for the temporation of parallel-walled inlay preparations, relining of prefabricated temporary crowns and the sealing of implant screw access holes. Telio CS Onlay features a less elastic consistency than Telio CS Inlay and is particularly indicated for the temporation of large preparations. Both materials demonstrate low stickiness to modelling instruments whilst offering excellent adhesion to the prepared tooth structure.

Telio CS Inlay and Onlay are easy to shape and process in the oral cavity. They offer a sufficiently long working time and the completed direct temporary can be light-cured with a short polymerisation time of 10 seconds. In the process, a high curing depth is achieved. An antimicrobial substance is added to the materials to prevent the risk of unpleasant odour formation.

Temporary restorations made of Telio CS Inlay and Onlay can be removed in a single piece. As an additional advantage, Telio CS Inlay and Onlay do not adversely affect the adhesive bond of the final restoration. Moreover, they allow the application of a desensitiser, Telio CS Desensitizer, to prevent hypersensitivities during the temporation stage.

Telio CS Inlay and Onlay are available in two shades (transparent and universal) and two delivery forms: syringes and Cavifils for improved intra-oral application.

Contact Info
Dr. Ronny Watzke
Liechtenstein

Dr Ronny Watzke is a dentist and head of Dental Clinic, Research and Development at Ivoclar Vivadent in Liechtenstein. He can be contacted at ronny.watzke@ivoclarvivadent.com.

A clinical case using Telio CS Inlay and Onlay from Ivoclar Vivadent