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initial
LiSi Press

Initial™ LiSi Press for all ceramic restorations on discoloured preps



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Stefan Roozen was born in Tyrol in 1980. In 1995 he began his training as a dental technician, graduating in 1999 in Salzburg. Since then he attended numerous training courses at home and abroad. In 2001 he started at Pils Zahn-technik GmbH where he still works today as laboratory manager and deputy of the management. In 2002, he attended the master school in Baden/Vienna, where he graduated in 2003 as a master. His main areas of work are complex prosthetic reconstruction (tooth and implant supported), demanding restorations in the aesthetic and functional area. He is the author of several international publications, external speaker at the Austrian master school, speaker and co-speaker at international course and congress events focusing on fixed reconstructions, Ceramic, implantology, prosthetics and CAD-CAM.

Lithium disilicate offers us exceptional possibilities for the fabrication of natural looking dentures.

In addition to its high degree of stability, the ability of this material to transmit light is what makes it so valuable. The ceramic shoulder on conventional metal ceramic crowns is a good example of the enormous aesthetic gains that can be obtained by increasing light transmission. For example, lithium disilicate exhibits positive cosmetic results, even when applied monolithically, as is done with fully anatomical restorations, particularly in the posterior region.

GC Initial LiSi veneering ceramic is optimal for refining or veneering in the anterior region. The cutback technique offers a good combination of stability and high aesthetic value for this. The crown's fully anatomical design, pressed with MT (Medium Translucency), slight vestibular reduction, lustre pastes and minimal GC Initial LiSi veneering ceramic overlays, is highly efficient. The use of these variants allows the underlying tooth substance to remain a cosmetic part of the crown without being covered by a light-blocking framework. However, the stumps must not be strongly discoloured.

Medium Opacity (MO) frameworks are generally used to compensate for dark substrates. However, this opaque compact must be covered with veneering ceramics and cannot be fully contoured.

The following case study describes the procedure for an all ceramic restoration with GC Initial LiSi Press (a lithium disilicate glass ceramic) on a strongly discoloured prep.



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