



DR. RAFAEL CALIXTO

Professor Rafael Calixto holds a master's of science (MSc) and doctorate of philosophy (PhD) in restorative dentistry from UNESP in São Paulo, Brazil. He has authored the book *Direct-Composite Veneers* and runs a private practice in São Paulo, Brazil. Dr. Calixto is an international speaker, teaches the Dentistry Specialization course at FAEPO in São Paulo, and coordinates the Specialization Course in Dentistry at the Brazil Association of Dentistry in Alagoas, Brazil. Dr. Calixto also teaches the Master of Rehabilitation course at ADA in Madrid/Spain and coordinates the Specialization Course in Dentistry at ECO-Academy in São Paulo.



1. Central incisors presenting stains and loss of gloss. Composite resin veneers will be replaced to obtain better esthetic appearance.



2. Ultrapak™ 000 retraction cord is placed to provide optimal tissue displacement and control sulcular fluid.



3. PVS matrix is fitted to tooth preparation.



4. After isolation, Ultra-Etch™ 35% phosphoric acid etchant is applied for 15 seconds on cut enamel.



5. After placement of Peak™ Universal Bond adhesive, lingual shell was created with Transcend™ composite Enamel Neutral shade.



6. In order to balance the different substrates colors, a lighter dentin shade (B1D) was placed on the darker tooth (#8), and a "darker" dentin shade (A2D) was placed on tooth #9.



7. Transcend composite Enamel White was placed as the final layer, at first on the facial surface of tooth #9, and cured with VALO™ curing light.



8. Transcend composite Enamel White was placed as the final layer on tooth #8, the proximal contacts were reproduced with the same composite, then cured.



9. Ultrapak cord removed and teeth polished with Jiffy™ Natural Medium spiral polishing wheel.



10. Teeth then polished with Jiffy Natural Fine spiral polishing wheel.



11. Final polish with Jiffy™ HiShine cup to create a highly polished finish on the cervical buccal area.



12. Final restoration results.



"Direct Composite veneers are a challenge to match the color of natural teeth. Several restorative techniques have been proposed for stratification in the anterior sector. A simplified stratification can be applied with very satisfactory results, but to do this, it is necessary to know the translucency concept of the materials and layer's thickness. Furthermore, a composite resin with excellent optical characteristics is required. Transcend composite is a simplified system in terms of the number of shades available, but those shades and polishing properties allow for excellent results through fast and efficient layering."