



0478

### **Pre-Treatment & Bleaching Protocols**

S. Effenberger

Clinical Research, DMG, Hamburg, Germany

Discoloration of anterior teeth has a considerable psychosocial impact on patients. Studies have demonstrated treatment to improve children's overall health and oral health-related quality of life. Recommendations for therapeutic interventions include non- and microinvasive treatments as well as more invasive approaches such as composite restorations. Due to the variability of opacities and discoloration, a combination of treatment techniques may be necessary. External bleaching is a proven non-invasive option that can be used to successfully camouflage white opacities by increasing the overall whiteness of the teeth, thus reducing the color difference between affected and healthy enamel areas.