### Title: Effects of Bleaching on Restorative Materials

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**Abstract:**

Nowadays every patient trying to have white and shiny teeth for improving of their smile. Different advertisements suggest these people using bleaching agent without giving them information about effects of these materials on the teeth and dental materials, that maybe they used before (such as: amalgam, porcelain, ormocer (organically modified ceramic), glass ionomer, compomer & composite resin restorations.)

Over the past years, multiple studies have evaluated the effects of bleaching agents on restorative material. This poster review their clinical suggestion, their conclusions and effects of bleaching agents on physical properties such as surface roughness, hardness, color and leakage. The most of bleaching materials are containing hydrogen peroxide (HP) & carbamide peroxide (CP). These elements used against discoloration caused by fluoride, pulp necrosis, tetracycline, smoking or drinking tea or coffee.

The main point of presenting this poster is that dentists should be aware that the physical properties of some dental restorations may be changed after bleaching. They should also make sure that their patients with dental restorations are aware of the changes that may occur during whitening.

**Presentation:** Poster