

# FAILURES OF INDIRECT COMPOSITE VENEERS

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**Introduction:** Indirect composite veneers are an excellent option for cost-effective and efficient cosmetic rehabilitation with minimal or no tooth preparation. Because these restorations are fabricated extraorally, their finishing and polishing quality is superior to that of direct resin composite veneer restorations.

**Aim:** The purpose of this study was to determine the most common clinical failures of indirect composite veneers after three years of placement.

**Methodology and material:** In four patients, a total of 28 indirect composite veneers (n=28) were fabricated. A microfilled, light-heat-curing veneering composite was used to create the veneers extraorally on die models. Of these, 23 veneers were fabricated without preparation, while 5 veneers required minimal preparation. All veneers were cemented using a translucent-shade light-cure cement with the total-etch technique. Over a three-year period, the veneers were evaluated for failures, including fractures, chipping, debonding, and marginal discoloration.

**Results:** A total of five failures were observed over the three-year period, consisting of two cases of debonding (n=2), two fractures (n=2), and one case of chipping (n=1). No marginal discoloration was detected in any of the veneers. All debonded veneers had a minimal preparation design. The overall survival rate of the composite veneers over three years was 82.1%.

**Conclusion:** With the development of new composite resins, indirect composite veneers can be a viable treatment option for patients with esthetic concerns regarding their anterior teeth, provided they maintain good oral hygiene. These veneers have now become a predictable restorative solution in terms of longevity, periodontal response, and patient satisfaction. As a conservative alternative to full-coverage restorations, they help preserve tooth structure by minimizing or eliminating aggressive dental preparation.