

Discoloured Tooth

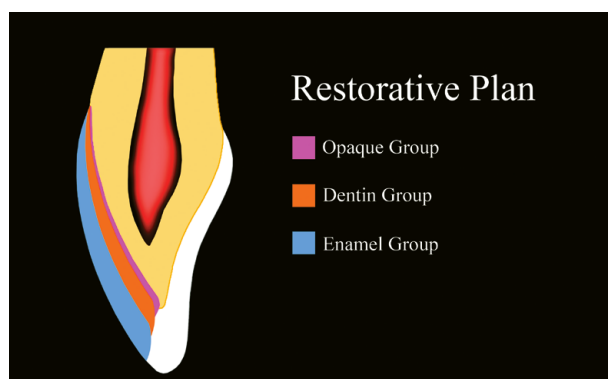
A male patient aged 23 presented with a severely discoloured central incisor (#21). The tooth was root canal treated 13 years ago. The discoloured tooth was the only complaint of the patient. After thorough examination internal bleaching was suggested but the patient preferred a direct veneer restoration due to immediate results. Achieving proper tooth colour, texture, incisal translucency, gingival shape and zenith were the main clinical challenges in this case.



1. Discoloured non-vital tooth #21 with asymmetry of gingival shape.



2. After placing a cosmetic veneer and gingival contouring.



3.



4. Gingiva is retracted with a periodontal pack for 2 days.



5. Gingiva after removal of periodontal pack.



6. Isolate the tooth with gingival retraction cord and prepare marginal groove with Diamond Point #340S.



7. Prepare depth orientation grooves with Diamond Point #121.



8. The enamel frame is preserved to increase retention of the veneer.



9. Etch the enamel with phosphoric acid.



10. Place a metal strip during application of bonding agent.



11. Mask the dark dentin with a universal shade of flowable opaquer.



12. Build-up the dentin (#A2) and enamel (#INC) layers incrementally.



13. Restoration after gross finishing.



14. Check surface texture with articulating paper.



15. Note the prominent textures on tooth #11.



16. Create similar surface texture on tooth #21 with OneGloss #IC.



17. Achieve similar texture as tooth #11.



18. After restoration, note the colour, gingival shape and texture of tooth #21.