

Predictable Root Coverage with Autogenous Tissue



1. Seventy year old dentist presented with severe recession on teeth 5 through 12. Some of the recession occurred secondary to Class V cervical restorations which impinged upon the biologic width. 2. Two years following autogenous gingival grafting with palatal connective tissue excellent root coverage was achieved.

3. Full thickness flap was elevated from molar to molar to expose extent of recession. Cervical restorations were removed.

4. Following root planning the roots were treated with tetracycline for 2 minutes.

5. Connective tissue grafts were harvested bilaterally from the palate.

6. Grafts were placed at the CEJ and sutured to the papilla with (5-0) gut sutures. Circumferential sutures were also placed to secure the soft tissue and eliminate any dead space.



7. Following graft stabilization, the flap was coronally advanced and secured with continuous e-PTFE sutures. Additional (5-0) vicryl sutures were used to adapt the flap to the graft and to approximate the flap over the graft to increase blood supply. Note that the graft is almost completely covered by the repositioned flap. 8. Two weeks following surgery excellent healing is noted. When the graft is red you know that there is a good blood supply. 9. Palatal healing at two weeks.



10. Before connective tissue grafting. 11. Two years later, excellent coverage has been obtained. Tissue are pink and healthy. The tissues are stable and do not probe. Note that cervical bonding was replaced on canines.

