PARKER PERIO PRESENTS

The goal of our e-newsletter is simple:
Take cases that seem ***impossible***
and show you how Parker Periodontics makes them ***possible***.

GAINING ROOT COVERAGE WITH MINIMAL BLOOD SUPPLY

THE OBSTACLE

Dan presented with significant gingival recession affecting teeth #6 and #11

OUR FINDINGS

Both canines were bodily displaced to the facial. Facial gingival recession measured six millimeters on #6 and four millimeters #11. Mucogingival defects were evident at both maxillary canines.

THE CHALLENGE

Simply put...blood supply. In order to get meaningful root coverage the soft tissue graft requires nourishment. The root structure is avascular and when the recession is severe the task of covering the exposed root(s) completely becomes difficult.

In this case we chose autogenous palatal mucosa. Our rationale was three fold.

1. Severe, localized gingival recession creating a large zone of avascularity over the roots.
2. The lack of residual keratinized gingival tissues at the affected teeth.
3. Bodily displaced roots

THE TREATMENT

Using a 16 gauge needle, mucosal access points where created one centimeter apical to the recession defects and extended three teeth mesially and distally of the teeth being treated. The gingival tissues were released coronally and laterally. Bilaterally, thick epithelialized palatal mucosal grafts were harvested. Each graft measured 25 x 12 x 2 centimeters. The grafts were de-epithelialized and placed into the gingival pouch and sling sutured from #5-7 and #10-12 effectively augmenting six teeth. A custom palatal coverage device was fabricated and delivered at the time of surgery.

THE OUTCOME

Dan was followed for six weeks. He was thrilled with the results and took pictures of our before and after photos to show his family and friends. Complete root coverage was achieved bilaterally. Facially probing depths measured 1-2mm after six weeks of supervised healing.

In our practice, soft tissue grafting is performed with a variety of techniques and materials. We often utilize donated allograft materials to treat generalized recession in the maxillary arch. Every case is different. We hope this case inspires you to refer similar patients to our practice where we will tailor a plan to meet each patient's needs.

LIKE IT? LOVE IT?
WANT TO KNOW MORE ABOUT IT?
HAVE A CASE YOU'D LIKE US TO DISCUSS?

FEEL FREE TO CONTACT US AT WWW.PARKERPERIO.COM TO REVIEW MORE CASES LIKE THIS ONE!

PARKER
PERIODONTICS & IMPLANT DENTISTRY