PERIODONTAL AND IMPLANT STUDY CLUB

Introduction
I have spoken to each and every one of you on more than one occasion about creating an advanced periodontal and implant study club. I am in the middle of one of my most challenging cases and wanted to share what I have been able to do to date for this patient. I hope you find it inspiring and best of all stimulates dialog among us.

All the best,
Victor Sternberg, D.M.D., PC5
Case 1: Remarkable Bone Generation

This series of photographs and x-rays reveals a rather challenging dental issue. When the patient first presented with a fistula on Tooth #9 and the x-ray taken on 11/26/08, you can see clearly the size of this lesion from a previous failed root canal procedure and apicoectomy.

The series of photographs and x-rays illustrates what the marriage of technology and expertise can truly do.

Cosmetics were important for the patient as he is a young actor. At this point, the choices were to take the tooth out and then deal with the defect

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- DR. STERNBERG
However, the cone beam scan done that day showed the large lesion which had eroded much of the buccal lingual and interproximal bone.

Removing the tooth would cause a collapsing inward which would be difficult to support even with membranes and pins.

It was therefore elected to preserve the tooth, perform an apicoectomy and retrograde endodontic procedure to preserve as much of the bone as possible, allow apical healing with the tooth as a scaffold.
That was performed with subsequent follow-up photographs showing the healing of the apical procedure and bone graft done simultaneously at the time of tooth removal.

“Six months later, the regenerated buccal bone is viewed.”
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Six months later, the regenerated buccal bone is viewed. The eventual removal of the tooth, a secondary bone grafting, and eventually the placement of implant where bone grafting was repeated.
At three months the tissue healed and finally the temporary restoration replaced with the implant and the temp.

The gingival margin is actually more coronal than on the adjacent teeth, something that will be corrected with the final restoration. An x-ray with the temporary restoration is shown.

Thanks for reading! Contact me to share one of your stories!