

News from Our Office

Current News at PIA:

We are proud to announce that in April 2012, Dr. Amarik Singh has been recognized with the title of FELLOW of The International Congress of Oral Implantologists!

We would like to thank all the attendees at our May 2nd discussion lead by Dr. Amarik Singh.

Upcoming Events:

Join Dr. Urzua, our Endodontist at ADS, for a study club on June 26th on "Complex Endodontic Diagnosis and Treatment."

In the Media:

Dr. Singh was featured in the March Issue of Hinsdale Magazine 60521.

The article can be found on our website:
www.pidentist.com.

Clinical Update

Indications and Benefits of Osseous Surgery

By Amarik Singh, D.D.S., M.S., FICOI

Many dentists and dental hygienists have difficulty determining when a patient could benefit from osseous surgery. Frequently, a patient will present with bleeding and inflammation following initial periodontal therapy (scaling and root planing), and will be considered unstable based on their clinical assessment. It is our responsibility to recognize patients that have not responded to other treatments, such as, periodontal debridement, scaling and root planing and/or local chemotherapeutics. Carefully evaluating bleeding, edema, radiographs, and probe depths will enable the dental professional to determine if the underlying bone is healthy or in need of periodontal surgery.

Osseous surgery is a procedure that reduces pocket depths by removing existing bacteria, reshaping the marginal bone, and improving the gingival architecture to provide a more easily maintainable environment. To be truly successful in reducing pocket depths, the reshaping of bone must be done with curves and slopes that mimic the contours of the healthy gingiva. The tendency of gingiva to assume a pre-existing form dictates the architecture of the bone that must be created to achieve a stable result. Therefore, the eradication of the periodontal pocket is dependent upon the correction of the underlying bony deformity. Surgical elimination of the pocket with resultant reduction in probing depths allows the patient access for proper plaque control and facilitates maintenance by the dental professional.

Following osseous surgery, the patient and dental professional can expect a reduction in probe depths, a decrease in clinical signs of inflammation, elimination of local factors, and an increase in the overall stabilization of the clinical attachment. According to the American Academy of Periodontology, "the goals of periodontal therapy are: to alter or eliminate the microbial etiology and contributing risk factors for periodontitis, thereby arresting the progression of the disease and preserving the dentition in a state of health, comfort, and function with appropriate esthetics, and to prevent the recurrence of periodontitis." Typical results include a tooth with an 8mm probe depth, bleeding on probing, suppuration, and type II mobility resulting with a 4mm probe depth, type I mobility, elimination of bleeding on probing, and elimination of suppuration.

The successful long-term control of periodontal disease depends upon proper daily plaque control, periodontal maintenance care and appropriate additional therapy, if indicated. Data suggests that most patients with a previous history of periodontitis should obtain periodontal maintenance at least four times per year alternating between the general office and periodontal office. This will help the patient experience less attachment loss in the future. Periodontal maintenance intervals are individualized to meet the needs of each patient, taking into consideration the classification and severity of the disease. We are able to continually reinforce patient compliance with oral hygiene recommendations and introduce auxiliary aids when indicated. Working together we can improve our patient's oral and systemic health!



The goal in our practice is to serve our referring doctors and their patients with excellence in both periodontal therapy and dental implant care. We strive to create a warm and friendly environment. We provide customized patient care where the clinical and emotional needs of each patient are met. While our entire team is proud of the care we provide, we can never forget that we must earn your trust, and that of your patients, every day. Thank you for the chance to serve you and please feel free to let us know if there is anything you need from our office.