

# Bone Grafting



## Optimal Outcome Preparation

Many patients who are referred for dental implant treatment may require bone grafting as part of their treatment plan. The need for grafting may be the result of long term atrophy associated with edentulous sites, trauma or congenital defects. Each case may require a different approach to provide an optimal situation, while trying to minimize patient time, discomfort and cost.

Many graft procedures are very simple from the patient's perspective. A socket preservation graft is our most frequent procedure, typically utilizing allograft (gamma sterilized bank bone), creates very minimal pain and rarely has complications. We also perform grafting of sites deficient in bone volume utilizing a number of approaches depending on the scope of the defect. These may be managed by use of bone harvested from the patient, human or bovine banked bone, or often by the use of newer biologic techniques including the use of bone morphogenic protein, a human growth factor.

The vast majority of these procedures are accomplished in the office setting utilizing either IV or local anesthesia based on the patient's needs. These techniques have allowed us to treat large numbers of patients who may have been told in the past that they "were not a candidate for implant treatment."

**For surgeon qualifications, please  
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