

# REGENERATIVE THERAPY BEFORE IMPLANT SURGERY PROCEDURES: A CASE REPORT

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Large periapical defects may adversely affect the success rate of endodontic surgery. Use of regenerative therapy may enhance the prognosis of such teeth, but more than sure, can enhance and even do shortening the necessary time prior to implant therapy procedures.

The concept of regenerative therapy entails utilization of periosteal grafts with the potential to stimulate bone formation. It allows cellular regrowth of defects caused by pathosis or surgical trauma and has resulted in development of grafts, membrane or barriers that are used in periodontal therapy.

In the following case report, surgery was performed several months prior to extraction to address a periapical pathology that occurred following a failed apicoectomy. Immediate implantation would have been contraindicated without prior removal of the present remnants and elimination of the active infection. Further, grafting the periapical defect in advance of surgery maximized the amount of bone for the eventual implant, helping ensure the primary stability needed for a predictable outcome.