

## 43. Crossing the chasm: Prosthodontic management of pagets disease in a completely edentulous elderly patient – a case report

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Elderly patients with disorder of bone metabolism causing excessive bone remodeling is identified with paget's disease. A typical case of maxillary involvement along with clinical, histopathological and radiographic evidence for paget's disease is reported.. Case report: a male patient of 75 years with complete edentulousness came to the dept. Prosthodontics mcods, mangalore for rehabilitation with complete dentures. On clinical examination of maxillary denture bearing area showed bulbous tuberosities on either side requiring alveoplasty. Occlusal radiograph of maxillary bone showed multiple osteolytic and osteosclerotic areas with generalized loss of cortical bone giving a cotton-wool appearance. Incisional biopsy of 18 region was sent for microscopic evaluation which showed irregular trabeculae of lamellar and woven bone with osteocytes in the lacunae and prominent resting and reversal lines. The trabeculae are intermixed with areas of hemorrhage and scanty connective tissue stroma. Alveoplasty was conducted to reduce the bulbous tuberosities and undercuts. Conventional complete denture fabrication was done to rehabilitate the edentulous area.. It should be noted that bone involved in paget's disease is highly susceptible to infection when exposed to oral flora. Treatment for pagets disease usually includes medication to help to regulate bone remodeling, medication to relieve pain, surgery and physical therapy. Prosthodontist should know the features and dental manifestations of this disease and be able to identify and diagnose effectively. Prosthodontic treatment plan should help in catering the needs of health and esthetic requirements of the patient.

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