**ABSTRACT**

**MANAGEMENT OF INTRABONY DEFECT IN THE MAXILLARY CENTRAL INCISOR USING WHALE TAIL TECHNIQUE- A CASE REPORT**

**AIM:** The purpose of this case report is to evaluate the clinical and radiological findings following a specific papillary preservation technique in the treatment of intrabony defect in the maxillary central incisor.

**CASE PRESENTATION:** A 37 year old male patient presenting with pain and sensitivity in the maxillary central incisor came to the department of periodontology and oral implantology ,SRM Dental college, Ramapuram. On clinical examination the patient presented with a probing depth of 11mm and clinical attachment loss of 13mm in relation to 21 and presence of intrabony defect was evident radiologically. The intra-bony defect was treated with periodontal regenerative therapy with a alloplastic material and PRF as a membrane using Whale tail technique. Following the regenerative therapy the clinical and radiological findings were evaluated at baseline and at six months. There was a significant reduction in the probing depth and a considerable radiographic bone fill was present when evaluated at six months.

**CONCLUSION:** Based on the available results the above mentioned technique is proposed to be successful in the management of intrabony defects in patients with chronic periodontitis.