

## Regeneration of Furcation defect using Platelet Rich Fibrin Matrix (PRFM)

A 38-year-old male patient named Karthik had reported to the Department of Periodontology, with a chief complaint of bleeding and food lodgement in lower right back tooth region since 2 months. On examination there was increased probing depth and furcation involvement. Intra operatively, Flap was elevated, debridement was done and Platelet Rich Fibrin Matrix regenerative material was placed in the furcation region.



Pre operative Probing Depth



Furcation involvement



Placement of PRFM



Pre suturing done and PRFM tucked in the defect

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Collagen membrane placed



Suturing done



Periodontal dressing placed

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Pre operative radiograph

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3 months Post operative radiograph



Pre operative Furcation involvement



3 months Post operative Furcation involvement