

Bone Augmentation in extracted site with buccal plate deficiency- Using Bond Apatite®

Before the extraction a vertical cut was performed 2 mm into the mobile mucosa, thereafter the flap was reflected and complete debridement was done.

Before extraction



During extraction



After tooth removal. Missing buccal plate is evident



Bond Apatite cement was used to augment the site and the flap was closed with tension directly above the cement for maximal closure. During the closure, up to 3 mm of exposure is acceptable, however not more than that. Exposure over 3 mm might lead to cement wash out.

Bond apatite cement In place



Day 1 the flap was closed directly on The cement with tension and maximal

Closure (up to 3 mm exposure is

Acceptable not more than that)

Exposure of more than 3 mm will lead

To cement wash out.



Soft tissue healing can be seen in the follow-up pictures, while reentry took place 12 weeks post op.

7 days post op



3 weeks post op



12 weeks post op



Day one



12 weeks post op

