

Cemental tear-associated bony defect

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Pilloni et al 'Surgical treatment of a cemental tear-associated bony defect using hyaluronic acid and a resorbable collagen membrane. A two-year follow-up' Clinical Advances in Periodontics



SMARTBRANE – HYADENT BG

Cemental tear-associated bony defect



Pre-surgical view (frontal view). An erythematous and swollen area can be observed in the cervical and medial third of tooth #8.



Pre-surgical view (lateral view). The swollen can be observed in detail.



SMARTBRANE – HYADENT BG

Treatment of deep infrabony defect with hyaluronic acid



Initial periapical radiograph showing a radiolucent area in the medial third between the two maxillary central incisors.

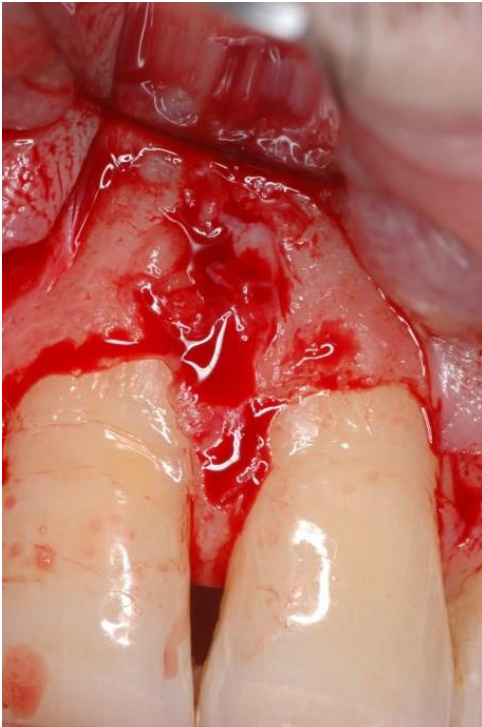
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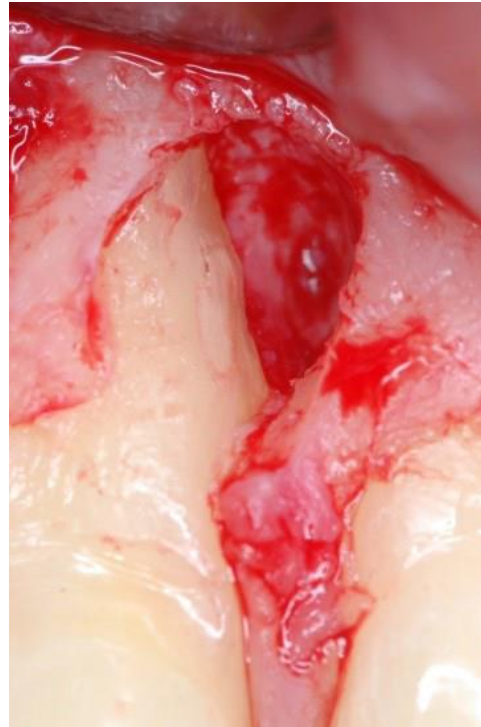
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SMARTBRANE – HYADENT BG

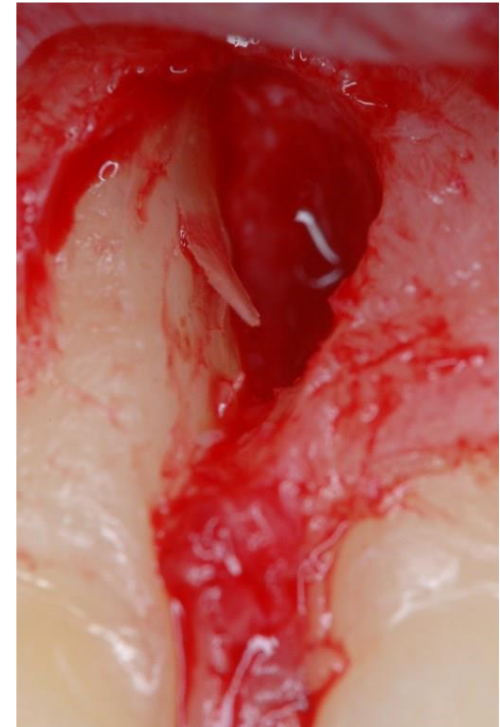
Treatment of deep infrabony defect with hyaluronic acid



A mucoperiosteal buccal flap was elevated (modified preservation papilla technique- MPPT).



A two-walls bony defect was observed on the mesial aspect of the right maxillary central incisor.



A partially detached piece of tooth structure - what appeared to be cementum (CeT)- was found..

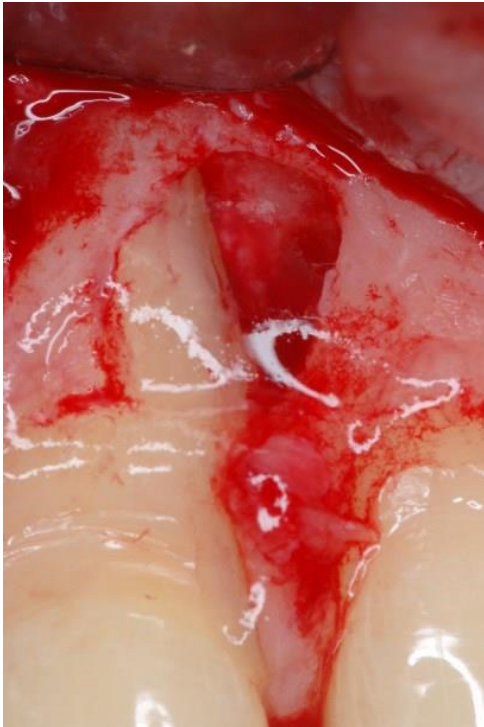
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SMARTBRANE – HYADENT BG

Treatment of deep infrabony defect with hyaluronic acid



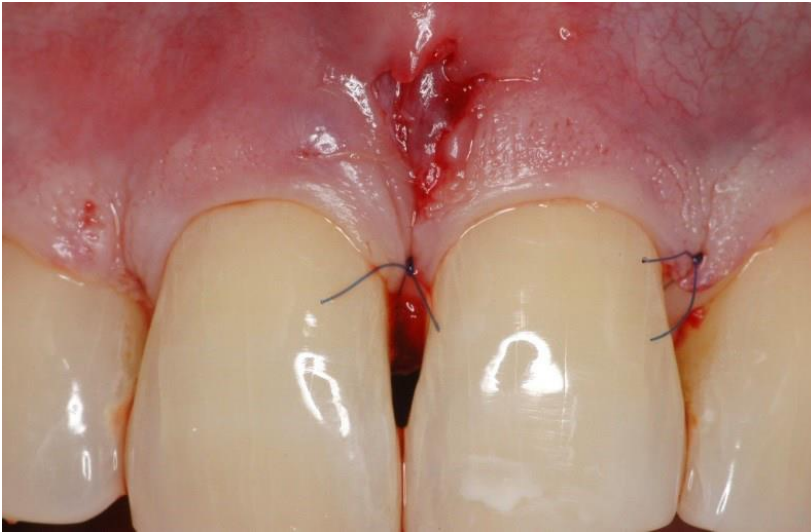
Hyaluronic acid (HYADENT BG) was applied in the bony defect.



A resorbable collagen membrane (SMARTBRANE) was placed as barrier.

SMARTBRANE – HYADENT BG

Treatment of deep infrabony defect with hyaluronic acid



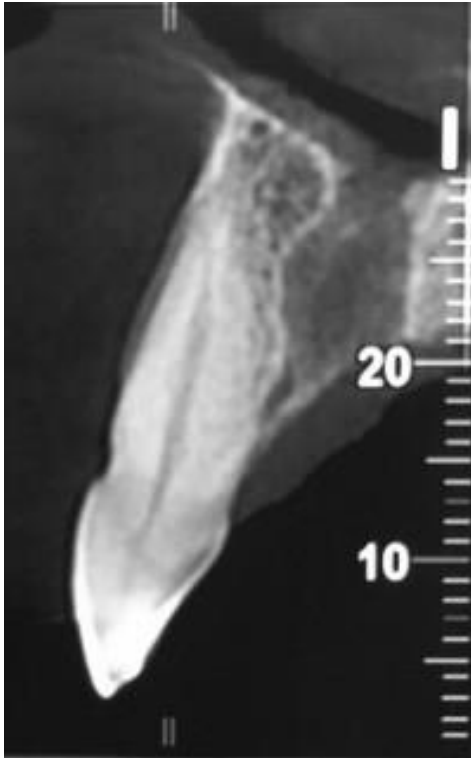
The flap was coronally displaced and sutured with sling and interrupted sutures.



Two-year follow-up showing clinically healthy soft tissue.

SMARTBRANE – HYADENT BG

Treatment of deep infrabony defect with hyaluronic acid



Two-year follow-up CBCT showing the reconstruction of the buccal bone wall.



Two-year follow-up showing clinically healthy soft tissue.

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