

Using EthOss[®] to address a major anterior lingual bony defect with suppuration on probing

Case from Dr Andres Eslava, Colombia

PATIENT MEDICAL HISTORY

Female, 35 years old, non-smoker.

Patient with 8mm periodontal pocket in tooth 41 (image 2), bleeding and suppuration on probing (image 1), normal pulp test. In the CT scan we can see cemental tears on tooth 31 (image 7), vertical and horizontal bone loss (image 6) and lingual gingival recession (image 8).

Conclusion

This case demonstrates that after grafting with EthOss (image 9), there has been a significant reduction in the clinical pocketing which is visible (image 14) and an associated radiographic shows improvement in bone level that has been maintained for 3 years (images 14 & 15). Vertical and horizontal bone has been

achieved (images 16 & 17) with healthy soft attached tissue, following the established EthOss surgical guidelines. ♦

For more information see www.ethoss.au



Fig 1. Suppuration on probing



Fig 2. Bleeding on probing – 8mm periodontal pocket

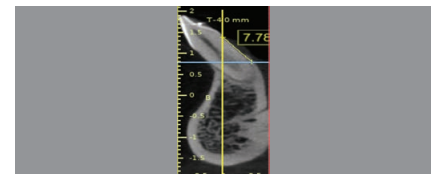


Fig 3. Initial situation



Fig 4. Initial CT scan

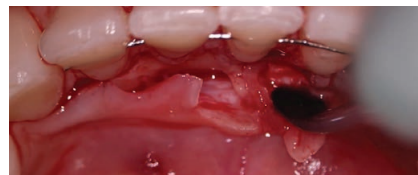


Fig 5. Granulation tissue associated with cemental tear



Fig 6. Periodontal attachment loss, vertical and horizontal bone loss

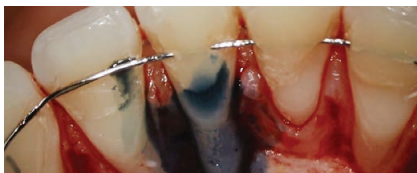


Fig 7. Methylene blue to check cemental tears

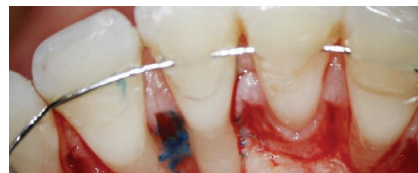


Fig 8. After removal of cemental tears



Fig 9. EthOss bone grafting material mixing



Fig 10. Occlusal view of the defect



Fig 11. Filling the defect with EthOss bone graft material



Fig 12. Complete filling of the defect and thickening the lingual bone wall



Fig 13. Sutured



Fig 14. Final situation 3 years later



Fig 15. Final situation 3 years later

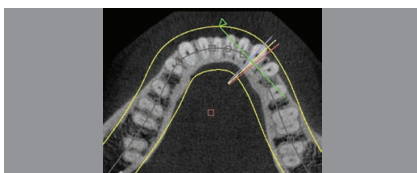


Fig 16. Final CT scan 3 years later

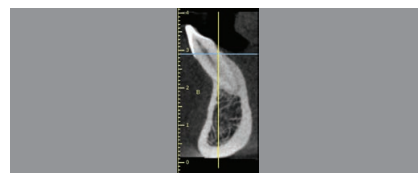


Fig 17. Final situation 3 years later

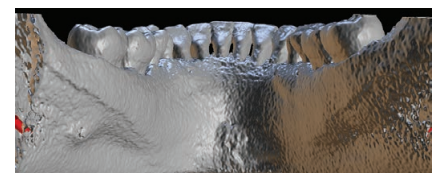


Fig 18. Final CT scan