**Background**

50 year old female patient  
Non-smoker, non-contributory medical history  
Fractured upper right second molar

1. Vertical fracture of the upper right second molar.

2. Fractured tooth extracted "atraumatically" under local anaesthesia.

3. Socket grafting with EthOss®.

4. Covered with hemostatic collagen sponge, no primary closure.

5. 12 weeks post-op.

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A biphasic matrix for true bone regeneration.  
Built in membrane function, high graft stability.

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6. Re-entry at 12 weeks.


8. Paltop Advanced implant placed.

9. Additional grafting with EthOss®.

10. Tension-free closure.

11. After 4 months.

A biphasic matrix for true bone regeneration. Built in membrane function, high graft stability.

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13. After fitting final screw-retained restoration. Outcome 7 months after initial socket grafting; 4 months after implant placement.


15. Histomorphometric analysis from University of Freiburg.


17. EthOss particle (EO) close up, with osteoblasts (OB), osteoid (O) formation and new bone trabeculae (NB).

A biphasic matrix for true bone regeneration. Built in membrane function, high graft stability.
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**18. Initial pa x-ray.**

**19. After extraction and socket grafting.**

**20. 4 weeks post-op.**

**21. 12 weeks post-op.**

**22. After implant placement and additional grafting.**

**23. After 4 months, final restoration.**

**Socket Graft Case Study**

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