

Reconstruction of alveolar bone defect with autogenous cortico-cancellous bone mixtured with allogeneic mineralized bone graft (case report)

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Abstrak

In cases of advanced alveolar bone loss frequently associated with periodontal pockets that may not be accessible by conservative therapy, corrective surgery is often indicated as osseous resective and complete debridement therapy. Transplantation of osseous fill material is often necessary, as a surgical intervention may create an alveolar bone defect. In this reported case of surgery, a cortico-cancellous bone graft taken from the mandibular symphysis was transplanted in a mixture with human mineralized bone from the Dr. Soetomo Hospital Surabaya Bone Bank, expecting for osseous regeneration to reduce the bony defect. Six months after surgery the morphology of the reconstructed alveolar process was satisfactory and showing new growth of bone