Maxillary alveolar ridge augmentation using distraction osteogenesis: a literature review and case report

The restoration of the edentulous atrophic anterior maxillary ridge has proved difficult. The absence of both gingival and bony alveolar tissue contributes to these problems. Numerous techniques to address these issues have been described. We report a case of a patient who sustained multiple facial injuries as a consequence of an accident, including the loss of the maxillary incisor teeth and associated alveolus. This patient underwent fixed implant supported prosthetic rehabilitation, following the use of distraction osteogenesis in the reconstruction of the edentulous atrophic anterior maxillary ridge.