

Full mouth implants rehabilitation of a patient with ectodermal dysplasia after 3-Ds ridge augmentation. A clinical report

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Abstract

A 22-year-old female presented with hypodontia and severe atrophy of alveolar ridge associated with ectodermal dysplasia, was treated with 3Ds bone augmentation technique and full mouth implants rehabilitation. Bone blocks harvested from the retro molar area to construct adequate bone volume at posterior maxilla and mandible. The vertical and horizontal bone augmentation allowed proper implant placement according to prosthetically-driven implant placement concept. Ten implants were placed. Six in the maxilla and four implants were inserted in the mandible. A cement-retained full mouth metal ceramic FPDs were fabricated. The outcome of the treatment showed that dental implants placed in bone block grafts should be considered as a good treatment modality for patients with ectodermal dysplasia. It also, provided the patient with a prosthesis that enhanced the patient function and esthetics.

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