



Dental Implants Displaced into the Mandibular Corpus: Clinical Note

ALVEOLAR REGENERATION

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ABSTRACT

In case of implant placement in the posterior mandible, the lack of an adequate bone tissue leads to a high risk of displacement of the implant onto the inferior alveolar nerve. Anyway, implant displacement in the mandible is not common and implant migration into the mandibular corpus is a complication reported few times in literature. In order to identify potential risk factors, and gather information on prevention and treatment of this complication, with the description of three clinical cases the Authors discussed the clinical characteristics of patients who developed implant displacement into the mandibular corpus. In two of the three cases, implants were removed by screwdriver and the implant site was filled with a porcine bone xenograft (OsteoBiol® Apatos, Tecnos®, Giaveno, Italy) or with a bone graft (OsteoBiol® Apatos) and collagen membrane (OsteoBiol® Evolution Tecnos®) and a new implant was placed immediately. In all the cases, the complication was successfully solved and the follow-up showed the good implant integration.

CONCLUSIONS

The displacement of implants in the mandibular corpus is a rare complication and, even if it is not a serious one, can cause infection and the implant must be removed as soon as possible.

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