

## **GUIDED BONE REGENERATION BY MEANS OF A PREFORMED TITANIUM FOIL: A CASE OF SEVERE ATROPHY OF EDENTULOUS POSTERIOR MANDIBLE**

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**The aim of this case report was to evaluate the potential of preformed titanium foil (PTF) as membrane, used together with a mouldable allograft paste, for guided bone regeneration in a case of severe mandibular posterior atrophy involving the alveolar nerve. In order to create a rigid barrier to the competitive growth of soft tissues and a stable volume for the colonization of the osteoprogenitor cells, a foil of pure titanium was pre-shaped by means of a stereolithographic model, obtained from a CT-scan of the patient. This procedure showed promising results, allowing to maximize the outcome and simplifying the surgical phase.**

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