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Deel Rectify ill-sources, the same true prevent paper to use prevent paper to use recent paper to the basic prevent paper to the basic prevent paper to the basic prevent paper to the basic paper to the b on in bone repairing processes [4]. Some authors theorized that the demineralization process allows better bone augmentation than non-

The bone defects were completely filled by newly formed tissue after 4 months of healing. The histologic analysis revealed no inflammatory or infective reactions against tooth grafit. Tooth granules were surrounded by newly formed bone. Some tooth granules were incorporated in the bone trabeculae and they appeared partially resorbed. This fact testified that tooth graft underwent remodeling sees just like the native hone

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Sub Date: July 04th 2019 , Acc Date: July 04th 2019, Pub Date: July 11 Citation: Minetti E. Palermo A. Trisi P (2019) Tooth Transformer: A Ne Method to Prepare Sinus Lift Autologous Toothgrafts. Histologic and Histomornhometric Analysis of 4 conversitive Clinical Cases, BAOI Dentistry Results from the present histologic case series analysis revealed that tooth graft appeared well integrated in the regenerative tissue without any inflammatory or infective reaction. The tooth of the nationt man Copyright: © 2019 Minetti E. This is an open a be used as autologous regenerative materials avoiding any foreign under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

**Results:** Twenty-three patients (9 males, mean age at surgery 57.1 ± 9.4 years) were treated and 40 implants were placed in grafted sites. Residual ridge height was 5.22 ± 2.04 mm and increased to 14.72 ± 2.83mm after grafting. One implant failed during healing phase. Cumulative implant survival rate was 97.5% after 19.1 ± 8.0 months of follow-up (range 12.3-44.1 months). After 6 months of healing, the graft height appeared stable. No signs of sinus infection were present. The histologic analysis revealed neither inflammatory nor infective reaction against tooth graft. Granules appeared surrounded by newly formed bone and partially resorbed, indicating ongoing remodeling. Conclusion: Autologous human tooth matrix can be successfully used as graft material in sinus augmentation procedure.

## **Original Article** Autologous Tooth Graft for Maxillary Sinus Augmentation: A Multicenter Clinical Study

Mintl<sup>19</sup>, Aubre Paleme<sup>14</sup>, Marcella Contest<sup>10</sup>, Uga Ganhardell<sup>4</sup>, Johannes K. Schnitt, Efsorde Giscentt<sup>19</sup>, Marcin Cales<sup>14</sup>, Paula Tola<sup>11</sup>, Alating Prisoza Univerzity of East Yolo Merci, Bau, "Paula: Paulate, Mike Taby, "Seasciate Prisozas in inputal-Detecting, Calego of Models and Ministry Birmaghen, Gangky Amerik Arabic, Locat, "Anion Patrice, Steak", Anima Patrice, Steak", Anima Patrices, Testin, Anip Pristose University of Genos, alte Practice, Tarin, Bay, Yoship Pristose Dismost, Danies Patricio Ministry, "Namer Patrice, Namer, Access Republic, "Biomaterial Clinical and Hostogo Beastand Modelson, "Research Anima Patrice Interfece Xiation, Locati Republic, "Biomaterial Clinical and Hostogo

Alm: The aim of this pilot study was to assess the performance of antologous tooth matrix, used as a graft material for maxillary simus suggestration, after at least 1-your of follow-up. Stelling and Dedges: The patients included in this propertive case series study were treated in four clinical enters using standardisect clinical proceders. An Arthenia and Metheder, Stellinis with antipel scientism stall in a stell enter the Stellin enters in the standardisect clinical proceders. An Arthenia and Metheder, Stellinis with antipel scientism stall in a stell enter the Steller schedule state of the stelling standardise state and stelling the state stelling state and stelling state states and the stelling state stelling state states and stelling states states and stelling states and stelling states and stelling states and and and processes the strength standard and stelling stelling states states stelling states and stelling states and and and and processes the strength states during states and stelling states and stelling states and stelling stelling states and states and states and and processes that are an area stelling states and stelling states and stelling stelling states and stelling stelling states and stelling stelling stelling states and stelling stelling states and stelling stellin tatatee and processes by a recently introduced automatica useries, which also have a right metal and a remeasibility of the loss of a significant and the rest of 

Keywords: Bone regeneration, dentin graft, dentin matrix, oral implantology, sinus lift, tooth graft

## INTRODUCTION

INTRODUCTION One of the most propular techniques for the rehabilitation of atorphic maxilla with implinit supported restorations, when the available blow only most is insufficient to mails tandard for a deviation technique for a strategistic strategistic strategistic for a deviation technique for garanting the flow of the moxility in 1900 by Doyse and James.<sup>17</sup> Matillary sima suggestation in 1900 by Doyse and James.<sup>17</sup> Matillary sima suggestation in specialization and the deviament of mothed for glinning how maxillar.<sup>17</sup> The classical sima inf proceedings consists of the custom of a window response the Schneiderian meetingnet, which is the accestful backed from the bory wind and existant evolution-coased summaries, systematic reviews, and meta-maryses demonstrated that maxillary sinus augmentation is associated with a high implant and prosthesis survival/success rate, also in the medium-long term.<sup>101</sup> The residual bone height and width, and the use of covering membranes to protect the graft,

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to forming the new sinus floor. Then, the space coronal to this lifted membrane is filled with graft material. Eventually,

to forming the new sinus floor. Then, the space coronal to this lifted membrane is filled with graft material. Eventually, a resorbable membrane can be placed before suturing, to protect the healing site and avoid graft displacement.<sup>11-01</sup> Many evidence-based studies, systematic reviews, and meta-analyses