



demineralized BT



Figure 2. Protein quantification performed on native and demineralized baby tooth (BT) particles evaluated by ELISA assay. (a) COL-I; (b) BMP-2. Protein content was normalized with respect to the weight of each sample (expressed as grams of sample particles). Data are expressed as mean \pm SD. * p < 0.05.

	JABFM Journal of A
P-2 and type I collagen preservation	Journal of Applied Biomaterials & Functional Platerials 1–8 © The Author(s) 2018 Article rease suidelines:

BMI in h demineralization



Nina Bono¹, Paolo Tarsini² and Gabriele Candiani^{1,2}

Check for update

Origina

Abstract Background Great interest has recently been focused on tooth and tooth derivatives as usinable substrates for the transmert of alvoolar boxe dedecs. Here, we propose the use of demineralized baby teesti (BT) as potential grading materials for boxe augmentation proceeders. Methods: Parcicles of human BT (0 < 1 mm) were demineralized by means of a chemical/bhermal treatment. Demineralized BT parcicles were throughly characterized by scanning decrom microscopylenergy departies $A_{\rm CP}$ analysis to evaluate the effects of the demineralization on BT topography and mineral plates composition, and by resymme linked immunoritems tarsay (ELSA) to quantify obtained and baby analysis of the minimum BPP-2 contention. The response of SAOS-2 cells to exogenous BMP-2 immunor the propagation of the start of the start of the temperature of the start of t

BMP-2. Conclusions: In this study we demonstrate that the BMP-2 content fund in deminentized BT is very effective in inducing cell osteodifferentiation, and strengthens the idea that BTs are very attractive bioactive materials for hone-grading procedures.

Keywords Baby teeth, demineralization, BMP-2, collagen

Date received: 16 May 2018; revised: 21 May 2018; accepted: 30 May 2018

Introduction
Teaching of an observation of the send of the functional mathematical is a most dot. National International Conference of Disease o