Correction to: Influence of surface treatment on osseointegration of dental implants: histological, histomorphometric and radiological analysis in vivo

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Following the publication of our paper by Calvo Guirado et al. 2015 [1] in Clinical Oral Investigations, it came to light that a certain part of the text at the materials and methods and results sections were similar or identical to our previous publication by Calvo Guirado et al. 2014 published in the same journal [2], and we realized that we did not give the proper attribution to our previous publication [2].

For the purpose of clarification, one manuscript correlated the effect of four implant surface modifications with the implant stability and bone to implant contact (BIC) [2], meanwhile, the second manuscript correlated the effect of four implant surface modifications with the histomorphometric and radiographic characteristics after the same period of time [1].

The same group of animals was used for both experiments, one focused on the surface characteristics and the mechanical aspect of the osseointegration [2], and the other focused on the histological and clinical variables (radiography) [1].

The materials and methods related to the histological processing are shared in both manuscripts. In the results section, the histomorphometric analysis of the BIC is the same because data came from the same group of rabbits. This was justified for the reduction in the number of animals to be sacrificed.

We would like to acknowledge that some similarities exist between both manuscripts, but the degree of overlap does not impinge on the overall originality of the 2015 article, in which the aims, outcomes, and highlights are different and also important for clinicians.

References

1. Calvo-Guirado JL, SatorresNieto M, Aguilar-Salvatierra A, Delgado-Ruiz RA, de Val Maté-Sánchez JE, Gargallo-Albiol J, Gómez-Moreno G, Romanos GE (2015) Influence of surface treatment on osseointegration of dental implants: histological, histomorphometric and radiological analysis in vivo. Clin Oral Invest 19:509–517
2. Calvo-Guirado JL, Satorres M, Negri B, Ramirez-Fernandez P, Maté-Sánchez JE, Delgado-Ruiz R, Gomez-Moreno G, Abboud M, Romanos GE (2014) Biomechanical and histological evaluation of four different titanium implant surface modifications: an experimental study in the rabbit tibia. Clin Oral Invest 18:1495–1505

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