Author's response to reviews

Title: Biological and biomechanical evaluation of interface reaction at conical screw-type implants

Authors:

Andre AB Buchter Dr. (buchtea@uni-muenster.de)
Ulrich UJ Joos Prof. Dr. Dr. Dr. h.c. (joos@uni-muenster.de)
Hans-Peter HPW Wiesmann PD Dr. (wiesmap@uni-muenster.de)
Laszlo LS Seper Dr. (seper@uni-muenster.de)
Ulrich UM Meyer Prof. Dr. Dr. (Meyer@med.uni-duesseldorf.de)

Version: 4 Date: 13 January 2006

Author's response to reviews: see over
Klinik und Poliklinik für
Mund- und Kiefer-Gesichtschirurgie

Direktor:
Univ.-Prof. Dr. med. Dr. med. dent. Dr. h. c. U. K. Joos

D-48129 Münster, 13.01.2006

Hausadresse:
Waldeyerstraße 30
D-48149 Münster

Vermittlung: (02 51) 83 - 0

Durchwahl: (02 51) 83 – 47003 / 4
Fax: (02 51) 83 - 47184
E-Mail:

MS ID: 2747099188652105
Title: Biological and biomechanical evaluation of interface reaction at conical screw-type implants
Journal: Head & Face Medicine
Authors: Andre AB Buchter Dr., Ulrich UJ Joos Prof. Dr. Dr. Dr. h.c., Hans-Peter HPW Wiesmann PD Dr. and Ulrich UM Meyer Prof. Dr. Dr.

Dear editor,

we are proud that the manuscript has been returned from the Journal reviewers, and it has been provisionally accepted for publication after thorough revision.
We are sorry, but we had forgotten Laszlo Seper as an importend editor.
We have payed close attention to all the comments made. According to the suggestions made by the reviewers, the following revisions were done:

We note with great care the changes marked in the manuscript:
- the figures were corrected and reduced by 50%
- The first line of the RFA results is incorrectly worded and should
probably read "The RFM of 28 days demonstrated no significant change..."
- in the Discussion were in page inserted:

In this study the bone implant contact ratio increases by 10% over a month period, but the RTV and RFM of the implants stay almost stable. This implies that the biomechanical properties of the healing interface (interface stiffness) does not increase at the clinical level and it is probably not the macrodesign but the microtopography of implants that leads to this result. Taking the test period into account, the cortical bone surrounding the implant neck conceals the improvement in RFM analyses, and since the biomechanical properties of the healing bone tissue is very low, in comparison with cortical bone, the RTV does not increase.

All suggestions from Prof Serhat Yalcin (1-19) were corrected.
There were a number of errors of content and inconsistencies in format within the references section. References 1,3,4,6,8,12,13,14,15,19,24,,25,26,27,28,33,34,37,39, 41 were corrected.

Yours sincerely,

André Büchter