# Accepted Manuscript

Title: Could the biomarker levels in saliva help distinguish between healthy implants and implants with peri-implant disease? A systematic review

Authors: Alex Martins Gomes, Dhelfeson Willya Douglas-de Oliveira, Fernando Oliveira Costa

PII: S0003-9969(18)30592-2

DOI: https://doi.org/10.1016/j.archoralbio.2018.09.008

Reference: AOB 4251

To appear in: Archives of Oral Biology

Received date: 18-5-2018 Revised date: 22-7-2018 Accepted date: 11-9-2018

Please cite this article as: Gomes AM, Douglas-de Oliveira DW, Oliveira Costa F, Could the biomarker levels in saliva help distinguish between healthy implants and implants with peri-implant disease? A systematic review, *Archives of Oral Biology* (2018), https://doi.org/10.1016/j.archoralbio.2018.09.008

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



#### **Title**

Could the biomarker levels in saliva help distinguish between healthy implants and implants with peri-implant disease? A systematic review.

#### **Authors**

Alex Martins Gomes MSc (corresponding author)
 PhD student at Department of Periodontology, Federal University of Minas Gerais, Av. Pres. Antônio Carlos, 6627 - Campus Pampulha, Sala 3312, Belo Horizonte, Minas Gerais 31.270-901, Brazil

Fone: +55 31 34092472

Email: alexdentista@yahoo.com.br

- Dhelfeson Willya Douglas-de Oliveira MSc
   PhD student at Department of Periodontology, Federal University of Minas
   Gerais, Av. Pres. Antônio Carlos, 6627 Campus Pampulha, Sala 3312,
   Belo Horizonte, Minas Gerais 31.270-901, Brazil
- Fernando Oliveira Costa PhD
   Professor at Department of Periodontology, Federal University of Minas
   Gerais- Av. Pres. Antônio Carlos, 6627 Campus Pampulha, Sala 3312,
   Belo Horizonte, Minas Gerais 31.270-901, Brazil

#### Highlights

- Lower salivary levels of interleukin  $1\beta$  were found in healthy implants compared to inflamed implants.
- A significantly positive correlation was found between the salivary levels of IL-6 and peri-implant inflammatory conditions.
- The salivary concentrations of total antioxidants status, urate and ascorbate were higher in healthy implants compared to inflamed implants.

## Background:

The most accurate data help to minimize possible mistakes on a patient's evaluation, as more robust findings are necessary to establish a correct diagnosis, prognosis and, consequently, better treatment.

#### Purpose:

### Download English Version:

# https://daneshyari.com/en/article/11031817

Download Persian Version:

https://daneshyari.com/article/11031817

<u>Daneshyari.com</u>