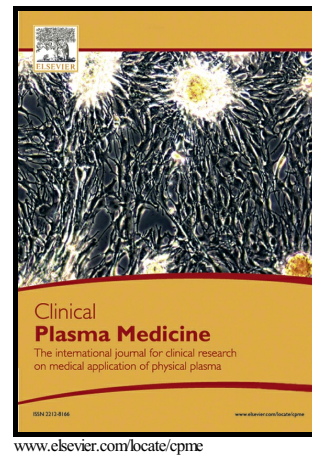


## Author's Accepted Manuscript

Cold atmospheric plasma treatment affects early bacterial adhesion and decontamination of soft relined palatal obturators

Anna Liguori, Andrea Cochis, Augusto Stancampiano, Romolo Laurita, Barbara Azzimonti, Rita Sorrentino, Elena Varoni, Marta Petri, Vittorio Colombo, Matteo Gherardi, Lia Rimondini



PII: S2212-8166(17)30014-8  
DOI: <http://dx.doi.org/10.1016/j.cpme.2017.08.001>  
Reference: CPME60

To appear in: *Clinical Plasma Medicine*

Received date: 27 July 2017  
Accepted date: 16 August 2017

Cite this article as: Anna Liguori, Andrea Cochis, Augusto Stancampiano, Romolo Laurita, Barbara Azzimonti, Rita Sorrentino, Elena Varoni, Marta Petri, Vittorio Colombo, Matteo Gherardi and Lia Rimondini, Cold atmospheric plasma treatment affects early bacterial adhesion and decontamination of soft relined palatal obturators, *Clinical Plasma Medicine*, <http://dx.doi.org/10.1016/j.cpme.2017.08.001>

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 galley proof before it is published in its final citable 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.

## Cold atmospheric plasma treatment affects early bacterial adhesion and decontamination of soft relined palatal obturators

Anna Liguori<sup>a1</sup>, Andrea Cochis<sup>b,c,d1</sup>, Augusto Stancampiano<sup>a1</sup>, Romolo Laurita<sup>a</sup>, Barbara Azzimonti<sup>c,e</sup>, Rita Sorrentino<sup>e</sup>, Elena Varoni<sup>d</sup>, Marta Petri<sup>b</sup>, Vittorio Colombo<sup>a,f</sup>, Matteo Gherardi<sup>a,f\*</sup>, Lia Rimondini<sup>b,c\*</sup>

<sup>a</sup>Department of Industrial Engineering (D.I.N.), Alma Mater Studiorum-Università di Bologna (BO), Italy

<sup>b</sup>Laboratory of Biomedical Materials, Department of Health Sciences, Università del Piemonte Orientale (UPO), Novara (NO), Italy

<sup>c</sup>Consorzio Interuniversitario Nazionale per la Scienza e Tecnologia dei Materiali (INSTM), Firenze (FI), Italy, Local Unit Università del Piemonte Orientale

<sup>d</sup>Department of Biomedical Sciences, Surgery and Dentistry, Università degli Studi di Milano, Milano (MI), Italy

<sup>e</sup>Laboratory of Applied Microbiology, Department of Health Sciences, Università del Piemonte Orientale (UPO), Novara (NO), Italy

<sup>f</sup>Industrial Research Centre for Advanced Mechanics and Materials (C.I.R.I.-M.A.M.), Alma Mater Studiorum-Università di Bologna (BO), Italy

\* Corresponding Author: Prof. Lia Rimondini, Laboratory of Biomedical Materials, Università del Piemonte Orientale (UPO), Department of Health Sciences, Via Solaroli 17, 28100 Novara (NO), Italy, Tel.: +39 0321660673, Fax.: +39 0321620421. lia.rimondini@med.uniupo.it

\* Corresponding Author: Dr. Matteo Gherardi, Department of Industrial Engineering (D.I.N.), Alma Mater Studiorum-Università di Bologna, Via Saragozza 8, 40123 Bologna (BO), Italy, Tel: +39 0512093978. matteo.gherardi4@unibo.it

### Abstract

---

<sup>1</sup> These authors contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/5452902>

Download Persian Version:

<https://daneshyari.com/article/5452902>

[Daneshyari.com](https://daneshyari.com)