

Accepted Manuscript

Title: Microbial profile of dental plaque associated to white spot lesions in orthodontic patients immediately after the bracket removal

Authors: Moniek W. Beerens, Jacob M. ten Cate, Monique H. van der Veen



PII: S0003-9969(17)30049-3
DOI: <http://dx.doi.org/doi:10.1016/j.archoralbio.2017.02.011>
Reference: AOB 3808

To appear in: *Archives of Oral Biology*

Received date: 19-8-2016
Revised date: 13-1-2017
Accepted date: 7-2-2017

Please cite this article as: Beerens Moniek W, ten Cate Jacob M, van der Veen Monique H. Microbial profile of dental plaque associated to white spot lesions in orthodontic patients immediately after the bracket removal. *Archives of Oral Biology* <http://dx.doi.org/10.1016/j.archoralbio.2017.02.011>

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.

Journal: Archives of oral biology. Original Article

Microbial profile of dental plaque associated to white spot lesions in orthodontic patients immediately after the bracket removal

Running Title: DGGE for caries risk assessment in orthodontics

Moniek W. Beerens^a, Jacob M. ten Cate^b, Monique H. Veen van der^b

^a *Department of Orthodontics, Academic Centre for Dentistry Amsterdam (ACTA), University of Amsterdam and VU University, Amsterdam, The Netherlands*

^b *Department of Preventive Dentistry, ACTA, Amsterdam, The Netherlands*

Address for correspondence

Dr.Ir. Monique H. van der Veen

Department of Preventive Dentistry,

Academic Centre for Dentistry Amsterdam (ACTA),

University of Amsterdam and VU University, Amsterdam,

Gustav Mahlerlaan 3004,

1081 LA Amsterdam, the Netherlands

Telephone: +31 – 20 – 5980 596

Telefax: NA

E-mail: m.vd.veen@acta.nl

Highlights

- Studies claim the use of DGGE for caries risk assessment in early childhood.
- If true, caries risk assessment during orthodontic treatment could benefit.
- We show that automated band detection settings in DGGE gels determine the outcome.
- DGGE provides no predictive value of caries risk during orthodontic treatment.

Download English Version:

<https://daneshyari.com/en/article/5638085>

Download Persian Version:

<https://daneshyari.com/article/5638085>

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