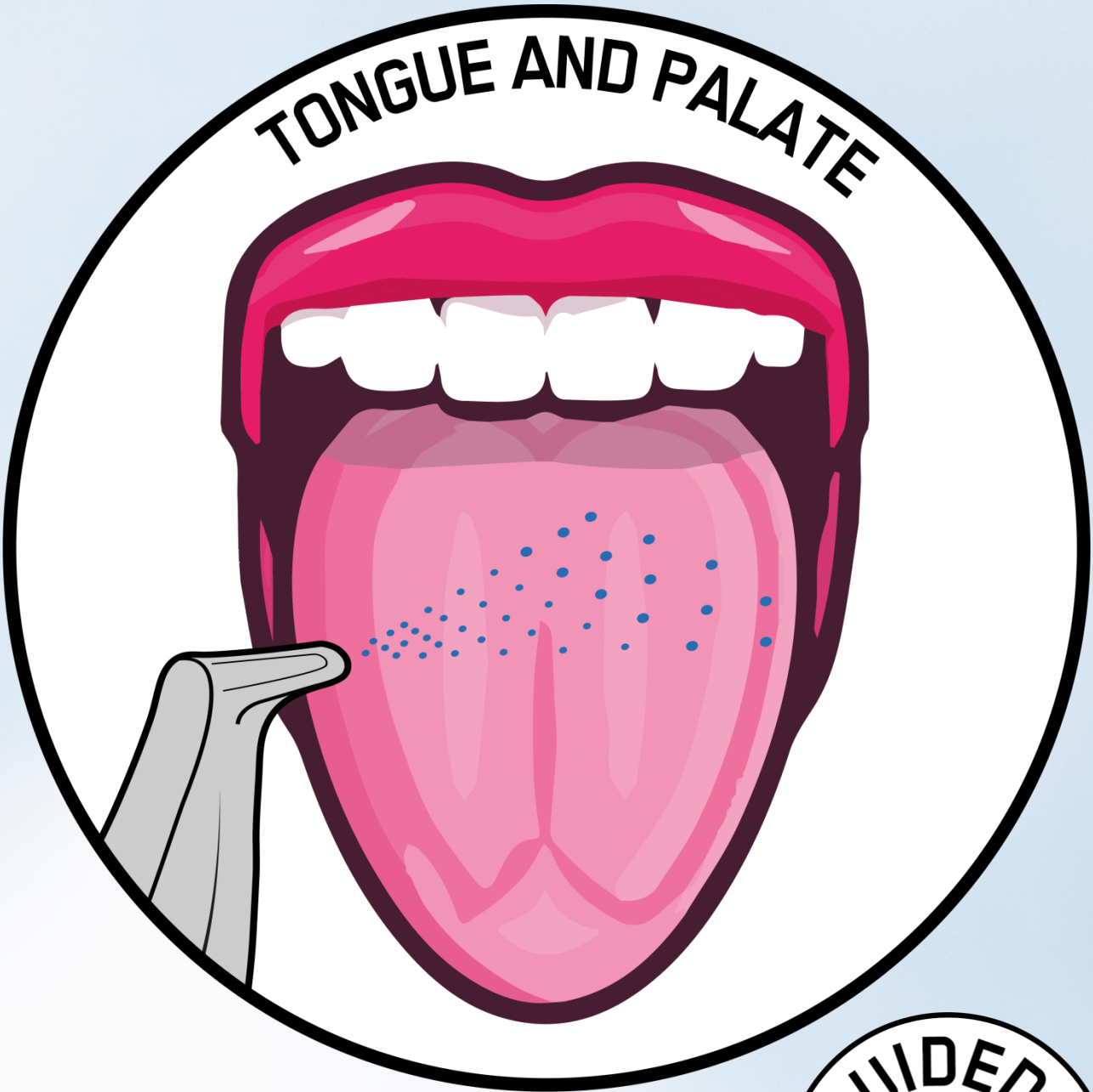
AIRFLOW®

SCIENTIFIC EVIDENCE



Reduces bleeding on soft tissues
Cleans tongue and palate

GUIDED BIOFILM THERAPY®

EMS

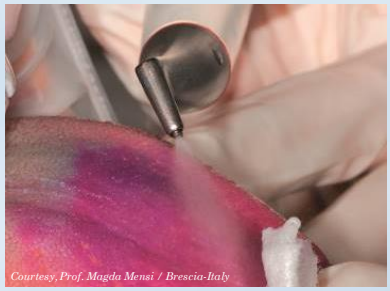
AIRFLOW®
CLEANS TONGUE AND PALATE

GUIDED BIOFILM THERAPY®

"P.GINGIVALIS" THE BACTERIA CAUSING BLEEDING

Oral Hygiene not only encompasses teeth, restoration and implants but also tongue palate and mucosa.

- **For the patient:** Cleaning soft tissues helps treating halitosis and reducing bacteria load (mainly P. gingivalis) causing bleeding gum.
- **For the clinician:** It decreases aerosol contaminations and helps to to work in a clean environment.



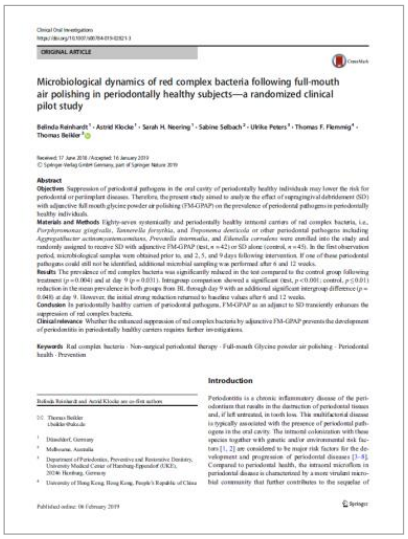
Courtesy, Prof. Magda Mensi / Brescia-Italy

NEW EVIDENCE

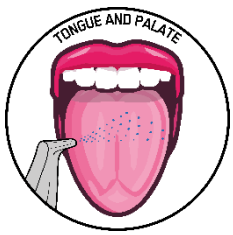
The "full mouth" application of AIRFLOW® on tongue and palate has been already proven to be safe[1] since 2012, but so far, cleaning effectiveness had not been specifically demonstrated on tongue, palate and mucosa.

Belinda Reinhardt (Düsseldorf) and a group of scientists including Prof. Thomas Flemmig (Hong-Kong) have demonstrated[2] the following:

Prophylaxis procedure with "full mouth" AIRFLOW® applied on tongue, palate, gingival and buccal mucosa, significantly reduces P.gingivalis load.

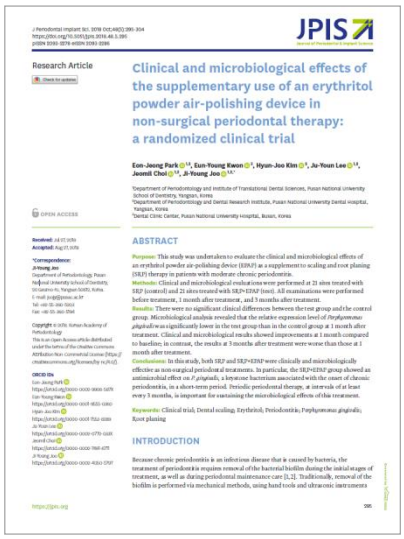


Microbiological dynamics of red complex bacteria following full-mouth air polishing in periodontally healthy subjects—a randomized clinical pilot study



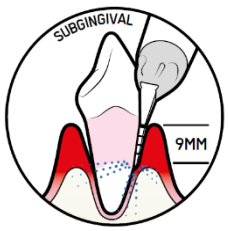
Eon-Jong Park and al from Pusan University of Korea have demonstrated[3] the following:

PERIOFLOW® with PLUS powder has a significant higher antimicrobial effect with regards to P.gingivalis, than conventional SRP.



JPIS

Clinical and microbiological effects of the supplementary use of an erythritol powder air-polishing device in non-surgical periodontal therapy: a randomized clinical trial



1 RANDOMIZED CONTROLLED TRIAL ASSESSING EFFICACY AND SAFETY OF GLYCINE POWDER AIR POLISHING IN MODERATE-TO-DEEP PERIODONTAL POCKETS
Journal of Periodontology 2012 Apr;83(4):444-52 / Flemmig TF, Arushanov D, Daubert D, Rothen M, Mueller G, Leroux BG.
The results indicate that supragingivally applied glycine powder air polishing is more efficacious in removing subgingival biofilm in moderate-to-deep periodontal pockets than scaling and root planning. Furthermore, full-mouth glycine powder air polishing may result in a beneficial shift of the oral microbiota and appears to be well tolerated. Link

2 MICROBIOLOGICAL DYNAMICS OF RED COMPLEX BACTERIA FOLLOWING FULL-MOUTH AIR POLISHING IN PERIODONTALLY HEALTHY SUBJECTS—A RANDOMIZED CLINICAL PILOT STUDY
Clinical Oral Investigations 2019 / Reinhardt B, Klocke A, Neering SH, Selbach S, Peters U, Flemmig TF, Beikler T. Link

3 CLINICAL AND MICROBIOLOGICAL EFFECTS OF THE SUPPLEMENTARY USE OF AN ERYTHRITOL POWDER AIR-POLISHING DEVICE IN NON-SURGICAL PERIODONTAL THERAPY: A RANDOMIZED CLINICAL TRIAL *Clinical Oral J Periodontal Implant Scl. December 2018 / Park EJ, Kwon EY, Kim HJ, Lee JY, Choi J, Joo JY.* Link

Get trained with: SDA

Dr. Neha DIXIT
Scientific and Clinical affairs manager.
February 20, 2019

EMS

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