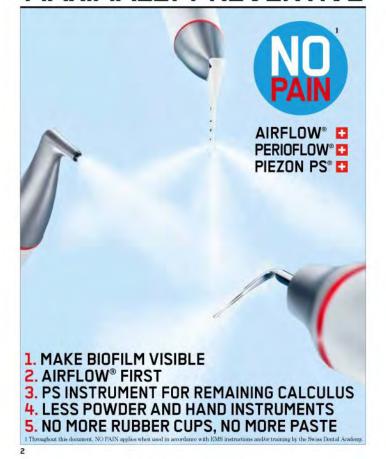


MINIMALLY INVASIVE MAXIMALLY PREVENTIVE



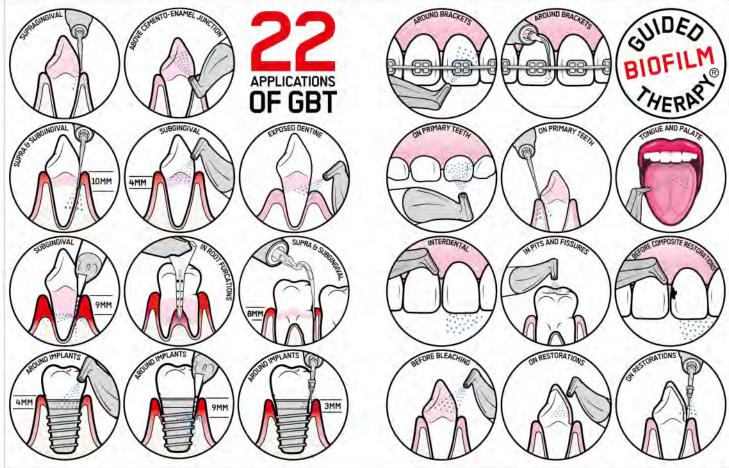
GBT - THE NEW AND MODERN WAY





GBT SAVES TEETH, IMPLANTS AND MUCH MORE





THE GBT COMPASS AND ITS 8-STEP PROTOCOL



08 RECALL

HEALTHY PATIENT = HAPPY PATIENT

- ► Schedule recall frequency according to risk assessment
- ► Ask your patient if he
- or she liked the treatment

07 CHECK

MAKE YOUR PATIENT SMILE

- ▶ Do a final check for remaining biofilm
- ➤ Ensure calculus is fully removed ➤ Accurately diagnose caries
 - ▶ Protect with fluoride

06 PIEZON®

REMOVE REMAINING CALCULUS

- ➤ Use the minimally invasive EMS PIEZON* PS Instrument supra- and subgingivally up to 10 mm
- Clean > 10 mm pockets with mini curette
 ► Use EMS PIEZON* PI Instrument
- ►Use EMS PIEZON* PI Instrumen around implants up to 3 mm subgingivally and on restorations

05 PERIOFLOW®

- REMOVE BIOFILM IN 24 TO 9 MM POCKETS
- ► Use AIRFLOW* PLUS Powder on natural teeth in deep pockets and root furcations and on implants
- ►Use new and slimmer PERIOFLOW* Nozzle

OI ASSESS PROBE AND SCREEN EVERY CLINICAL CASE Healthy teeth, caries, injurities periodoutius Healthy

gingivitis, periodontitis Healthy implants, mucositis, periodontitis

► Start by rinsing with BacterX* Pro mouthwash

02 DISCLOSE

MAKE BIOFILM VISIBLE

- ▶ Highlight to patients the disclosed biofilm and their problematic areas with EMS Biofilm Discloser
- ▶ The color will guide biofilm removal
 ▶ Once biofilm is removed, calculus is easier to detect

03 MOTIVATE

RAISE AWARENESS AND TEACH

- ► Emphasize prevention ► Instruct your patients
- in oral hygiene > EMS recommends
 Philips Sonicare toothbrushes,
 interdental brushes and
 Airfloss Ultra

04 AIRFLOW®

REMOVE BIOFILM, STAINS AND EARLY CALCULUS

- ► Use AIRFLOW* for natural teeth, restorations and implants ► Remove biofilm supra- and subgingivally up to 4 mm using AIRFLOW* PLUS 14 µm Powder
- Also remove biofilm from gingiva, tongue and palate - Remove remaining stains on enamel using AIRFLOW* CLASSIC Comfort Powder



THE AIM OF GBT IS

TO ELIMINATE ALL BIOFILM ON TEETH, IMPLANTS AND SOFT TISSUES.



GINGIVITIS

EMS Biofilm Discloser visibly reveals the presence of early and mature biofilm.

The sulcus area (gingival margin) shows mature biofilm due to an inappropriate brushing technique leaving biofilm untouched.



In this case, GBT was limited to AIRFLOW

PLUS Powder up to 3mm. Some bleeding from the gingival margin (red line) indicates low-grade gingivitis. GBT fosters the patient's motivation to use correct tooth brushing techniques.

▶ GBT prevents and treats gingivitis













Photos: Courtesy, Prof. Magda Mensi

CARIES DETECTION

Accurate caries detection requires clean teeth. Here, the EMS Biofilm Discloser shows the presence of biofilm, interdentally as well as at the gingival margin. Finally, GBT reveals interdental caries at an advanced : stage.





- ► GBT helps detect caries with precision.









around the implant.

In this sequence of peri-implantitis, AIRFLOW* removes supra- and subgingival biofilm up to 4mm. The EMS Biofilm Discloser helps to minimize treatment time. PERIOFLOW* removes biofilm in periimplant pockets up to 9mm. Finally, the PIEZON* PI Instrument removes the remaining calculus



▶ GBT contributes to the treatment of peri-implantitis in a minimally invasive way.







Photos: Courtesy, Beverly Watson

Photos: Courtesy, Prof. Magda Mensi

GUIDED BIOFILM THERAPY MORE CASES



CHILDREN

In this case, using a 2-tone disclosing agent visibly reveals cariogenic biofilm and helps motivate the young patient.

Children love AIRFLOW* - it is "cool" and they lose the fear of the treatment.

▶ The pain-free GBT method motivates children and helps prevent caries.









Photos: Courtesy. Dr. Gleb Asses

ORTHODONTICS

Orthodontic appliances are a challenge for patients and professionals performing biofilm management. Using a 3-tone disclosing agent reveals cariogenic biofilm (pH < 4.5) in areas difficult to access during home care and helps to motivate the young patient. AIRFLOW* PLUS Powder during GBT reveals demineralized white spots which were impossible to identify before.





- ▶ GBT prevents caries during orthodontic treatment.
- ▶ GBT maintains orthodontic appliances.













Photos: Courtesy, Prof. Magda Mensi

EXPOSED DENTINE

Biofilm and calculus removal on exposed dentine surfaces is usually critical in terms of patient comfort (dentine hypersensitivity) and risk of over instrumentation. The disclosed biofilm helps to minimize AIRFLOWs treatment and to save time. No more color (of the disclosing agent) - no more biofilm. AIRFLOW® PLUS Powder and PIEZON® NO PAIN with PS Instrument are the best assurance for high quality and painfree treatments.

▶ GBT preserves exposed dentine preventing sensitivity.

STAINS AND CALCULUS

AIRFLOW* removes stains and facilitates further calculus removal with PIEZON* PS Instrument, minimizing power instrumentation.

► GBT will make your patient smile again.







WHY GBT IS THE ...

- **GAME CHANGER**

- ▶ Dental biofilm is the main etiological factor for caries, periodontitis and peri-implant infections. Periodontitis may increase the risk of systemic diseases, such as cardiovascular and respiratory disorders, arthritis or diabetes.
- ► Regular oral hygiene, combined with professional measures, keeps biofilm under control for a better oral and systemic health, Axelsson and Lindhe pioneered preventive dentistry in the 1970's with studies and clinical protocols based on prophylaxis in "recall hours".1-2
- ▶ GBT follows the recommendations on Professional Mechanical Plaque Removal (PMPR) and Oral Hygiene Instructions (OHI) for Home Care issued by the European Federation of Periodontology (EFP).3-5
- ▶ "Periodontal Health for a Better Life!"

CAN BE A PAINFUL EXPERIENCE

PROFESSIONAL TOOTH CLEANING PATIENTS DO NOT LIKE IT AND OFTEN STAY AWAY FROM RECALLS





This shows that dental biofilm is not always visible.

▲ Removing calculus with hand instruments can often be painful for the patients. Dental surfaces and implants often will be scratched.

2 Polishing with rotary rubber cups and brushes is time-consuming and often messy. With many areas not reachable, the gingiva will be affected mechanically, Dental hygienists and assistants know that traditional cleaning may be a painful experience. For this reason, patient compliance is not often very high. Now, almost fifty years later, it is time for change.

Axolson P. Preventive Materials, Methods and Programs. Quintwisence Publishing, 2004. 1.2 Axolson P. Denton The Research of a plaque control program at the property of the pr of Clinical Periodontology 2015 42 S214-S220

GBT IS THE NEW AND PATIENT ORIENTED CONCEPT

Before removal, biofilm is always disclosed with a dye solution. Biofilm and early calculus are easily removed with AIRFLOW* and PERIOFLOW* – supra- and subgingivally.

2 If needed, this is followed by debridement with PIEZON¹ PS NO PAIN piezoceramic instruments.

 ${f 3}$ Guided Biofilm Therapy means that the clinician is guided by the disclosed biofilm during tooth cleaning procedures.

4 Guided Biofilm Therapy is truly minimally invasive and reduces the need for hand and sonic/ultrasonic instrumentation. It is safe, effective and gentle to teeth and soft tissues, implants and restorations.1-1

5 GBT is very comfortable for patients and practitioners.⁶ It is efficient and timesaving.⁶ This also valid for primary caries and perio prevention in children and teenagers.



• GBT is part of a comprehensive preventive concept - to preserve your patients' oral health - and to make the patients feel good.

7 Since 1982 EMS has provided dental practices all over the world with AIRFLOW* air polishing and PIEZON* PS NO PAIN piezoceramic scaling technology.

8 In 2012 EMS added the high-tech erythritol-based AIRFLOW* PLUS Powder with a particle size of only 14 µm.

9 Guided Biofilm Therapy is based on clinically proven technologies invented by EMS. It was developed in cooperation with highly respected and experienced periodontologists, caries specialists and dental hygienists.

10 GBT is a systematic, predictable, risk-oriented and user-friendly treatment for all age groups and each individual patient.

1. Wennstrom JL, Dahleu C. Romberg P. Subgingival debridement of periodontal pockets by air polishing in comparison with distraonic instrumentation during maintenance therapy. Journal of Unical Periodontology 20 1128-8429-827; [J. Romay V. Merfini A. Artin T. et Research 20 1128-810-126]. [J. Romay V. Merfini A. Artin T. et Research 20 1128-10-126]. [J. Romay V. Merfini A. Artin T. et Research 20 1128-10-126]. [J. Romber J. Andrew M. Weiger R. Walter C. A systematic review on the effects of air polishing devices on anal tissues. International Journal of Dental Hygione 2016-1415-28. [J. Romas C.M. Cowey D. Watanako H. et al. Art in vitra comparison of the effects of vivarious ary polishing powders on examined and selected esthetic restrative materials, The decramal Library on patient 2011-227-1647. [J. Achani M. Swenn J. Modes DE, et al. Mirch of two different methods of non-estigated portional library on patient. PE. How sulgipsyol air polishing will turn detail bygione apode down. Interview with Pref. Br. Homas Plenman, demiations count 2013-94-96. [J. Flemmig TF. Arushanov D. Daubert D. et al. Randomized controlled trial assessing efficacy and safety of glycine powder of polishing in moderate-to-deep periodonal periodonal tops of Periodonality 2012-2514-1452.

PROBABLY THE BEST PROFESSIONAL

TOOTH CLEANING EVER...



1. WHY MAKE BIOFILM VISIBLE?

- ▶ With GBT we intend to eliminate all the biofilm, including areas which are difficult to access.
- ▶ If biofilm is made visible, it is removed much faster with GBT.
- ▶ What you see is what you remove.
- Color removal = Biofilm removal. Also on soft tissues.
- ▶ The users of hand instruments, rubber cups and "polishing" paste do not like to disclose biofilm as they would need much more time to finish the treatment.
- ▶ The German Stiftung Warentest reported that the conventional prophylaxis only removes 50% of Biofilm in the difficult to access areas.
- Colored teeth and gums will also help motivate the patient to improve their homecare - OHI.





Tins 14 year old patient has a squalificant lack of eral hygiene Double-ing agent reveals available audiogene biofilm

Courtisty. Dr. (flob Asset)

2. WHY AIRFLOW® FIRST?

- ▶ AIRFLOW* removes biofilm, stains and colorations first as well as the thin layers of early forming calculus. Now you will see the remaining calculus better and it will be easier to eliminate it with the PIEZON* NO PAIN PS Instrument.
- ▶ With GBT the removal of calculus in supra- and subgingival areas is easier: faster and truly minimal invasive.
- ▶ This pain free and comfortable GBT treatment method, if done correctly by trained GBT dental professionals will help create happy and loval patients for your recall practice.
- ▶ AIRFLOW* = CASH FLOW.

14

3. WHY ONLY THE PS INSTRUMENT?

- ▶ The PIEZON* PS (Perio Slim) Instrument is slim and smooth like a probe. It is gum-friendly, minimally invasive, maximally preventive and preserves the epithelium due to its absolute linear movements.
- ▶ By using only one instrument to do 95% of the work, things will be easier. For the 5% that remain we recommend our new curved PIEZON* PSL and PSR (Perio Slim Left and Right) Instruments. The PIEZON® PS Instrument gives the clinician a good haptic and secure feeling when working subgingival.





Touch the glass plate with the PS instrument on its side as shown on the left, set the Piezon to medium power, apply yearle pressure, turn on the spray and you wan't have anothing - acoustic proof that you have the right instrument in your hand.

Now allow a small lump of doutal content to harden on the glass plate. Then lay the instrument to one side on the glass plate as in the previous test and guide it towards the "tartar". You will notice that it disappears instantly. That is precisely what makes it sa different from other instruments which do not move in such a controlled

- ▶ The treatment with the PS instrument is Pain Free if used the correct way.
- A Pain Free and pleasant treatment is the dream of every patient.
- This is the key for patient lovalty and satisfaction.
- ▶ The cost of a PS instrument is only 5 cents per treatment and per patient! It is absolute nonsense to buy copy or "compatible" tips.
- ▶ If EMS handpieces get damaged (e.g. the thread) with a "compatible" tip you will lose your EMS warranty.
- ➤ The PIEZON*PS Instrument, the PIEZON* Handpiece and the PIEZON* NO PAIN electronic module were made/matched for each other. This Trilogy works in harmony.

4. WHY NO MORE "POLISHING" PASTE?





AFTER .. POLISHING" WITH AFTER CLEANING WITH

LOW-ABRASIVE PASTERDA 27 AIRFLOW® PLUS POWDER



BEFORE CLEANING. **RESIDUAL BIOFILM**

► The enamel prisms of the natural tooth enamel are easily recognizable.

The photoshows the remnants of the bacteria killed off with sodium hypochlorite. improvement of the dental

have caused scratches. Biofilm is clean down to the pores. No has spread into natural crevices. abrasion. The enamel prisms

Overall abrasive pastes cause remain intact and the surface is a loss of valuable enamel. No

The vital enamel prisms have ►The biofilm has been removed been "polished" away. Pastes with AIRFLOW*. The surface perfectly smooth.

The tongue no longer feels any roughness - no need to "polish" with abrasive paste. Save enamel and treatment time.

1 Camboni S. Donnat M. The Journal of Clinical Donnistry 2018:27:15-18.

ONE POWDER ONLY

FOR 90% OF ALL CASES



OPTIMAL COMFORT MINIMALLY INVASIVE MAXIMALLY PREVENTIVE

- Primary and permanent teeth
 Interdental spaces
 Crowded teeth
 Exposed dentine
 Pits and fissures

- ▶ Demineralized enamel

CARIES MANAGEMENT

- ▶ Before caries detection
- ▶ Before sealing▶ Before fluoridation

SOFT TISSUES

- ▶ Sulcus
- ➤ Shallow pockets up to 4mm
 ➤ Deep pockets >4 to 9mm
 ➤ Tongue and palate

ORTHODONTICS

- ► Orthodontic brackets
 ► Patients with Invisalign

AESTHETIC DENTISTRY

- ► Crowns and veneers
- Before placing restorations
 Before bleaching

IMPLANTS

16

- ▶ Peri-implant sulcus
- Deep peri-implant pockets.

PROPHYLAXIS POWDER AIR-FLOW SUB+SUPRAGINGIVAL

ONE INSTRUMENT ONLY

FOR 95% OF ALL CASES



THE SWISS ORIGINAL.

THE SWISS MASTER. BIOFILM MERCE



THE AIRFLOW® PROPHYLAXIS MASTER



The original from the Inventor. Guaranteed Swiss precision and superb design. Highest performance, reliability and know-how. Experts in prophylaxis since 1981.

THE PROPHYLAXIS STATION



The Swiss-Made AIRFLOW® Prophylaxis Master was developed at the EMS Research Centre with more than 100 000 hours of technical and clinical testing in collaboration with leading dental professionals worldwide.

04 AIRFLOW®

AIRFLOW® REMOVES BIOFILM, STAINS & EARLY CALCULUS. CLEANS AND POLISHES AT THE SAME TIME.

- \blacktriangleright After the use of AIRFLOW* no extra polishing with rubber cups/paste is necessary any more.
- ▶ Dental practices using AIRFLOW® and GBT have more and happier recall patients.
- ▶ Professional prophylaxis is becoming an important economic factor.¹

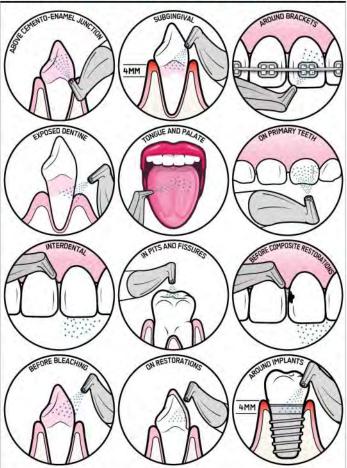


- ► AIRFLOW* removes biofilm and early calculus in all these situations. It also cleans the gingival or peri-implant sulcus to a depth of 4mm.²⁻¹ At the same time AIRFLOW* is fast, efficient and comfortable for the patient.
- ▶ Fine tune the air pressure/power for all clinical situations.

1. O'Flehir TE, dentaliown.com 3014(D3406.] 2. Paril SS, et al. J Intern Soe Pres & Commun Dent2015/5/87-902.] 3. Plenning TF, et al. J Peniskend 2007/78/1002. [800.] 4. Eart J Peniskend 2007/78/1002.

THE MULTITASKER





20

AIRFLOW® POWDERS

STUDY FROM BARNES, ET AL J CLIN DENT 2014, 25-76-87 ON POWDER ABRASITIVITY.

▶ Objective: The purpose of this study' was to investigate the effects of each of the commercially available air polishing powders on the surface characterization of human enamel, hybrid composite, and glass inonner using a highly standardized protocol. The air polishing powders utilized in the study included aluminum trihydroxide, calcium carbonate, calcium sodium phosphosilicate, glycine and sodium bicarbonate.

THERE ARE DAMAGING POWDERS IN THE MARKET

▶ Based on the results of this study, the air polishing powders that are compatible with use on hybrid composite and glass ionomer coments are EMS glycine and EMS sodium bicarbonate. The air polishing powders that are compatible for use on enamed include EMS glycine, Dentsply sodium bicarbonate, and EMS sodium bicarbonate, in the study a particle size of 65µm of the EMS powder was used. Since 2013, EMS has reduced the particle size of its Comfort sodium bicarbonate Powder to only 40µm.

► "The results of this research indicate that there are air polishing powders that are significantly less abrasive than others, even with similar ingredients.

- specifically sodium bicarbonate."
- ▶Please read the full study, just download the QR code below.

ERYTHRITOL 14um PLUS POWDER

►Today, EMS offers an even better erythritol based prophylaxis powder, which enables supra- and subgingival treatment with superior comfort and efficiency than glycine powder.





OSSPRAY CALCIUM SODIUM PHOSPHOSILICATE¹









EFFECT OF 5 SEC AIR POLISHING ON HUMAN ENAMEL







EFFECT OF 5 SEC AIR POLISHING ON GLASS IONOMER

L. Barros CM, et al. J. Clin Don (20) 125/7687. [2. Per ABPL/DWP PLUS Powder, complimentary tests have been exhibited to the of Clin Don! (Barros CM, et al. J. B. Barros CM, et al. J. Clin Don! 2011/25/7687. The EMS sodium bisorboute had a partiale size of 65 µm. New Provider ABPL/DWP CLASSEC Conflict has 00 un neutrale size for more smoothness and nations comfort.

Download full study

EMS POWDER GUIDE

With 2 chemical laboratories in Germany and Switzerland, EMS is the only company producing its own powder. With 35 years of clinical research and testing, many scientific studies and millions of patients treated. EMS recommends the following 2 powders for all clinical cases.

RECOMMENDED



OTHER EMS POWDERS

Name		PLUS	CLASSIC	CLASSIC	SOFT	PERIO
			TOMFORT			

Ref		DV-082	DV-048	DV-048/ LEM/65	DV-D71	DV-070
			LEMON MINT		.,	
Flavor		NEUTRAL	CHERRY NEUTRAL	LEMON	NEUTRAL	NEUTRAL
Composition		ERYTHRITOS.	SODIUM BICARBONATE	SODIUM BICARBONATE	SLYCINE	BLYCINE
Particle size		-14µm	-40µm	-65jim	-65jim	-25µm
pH		-7	-8.1	-01	-6	-6
	Project and an included the					0
	Stains and early calculus					0
	Enamel	1	1	1	1	1

Teeth	Enamel white spots	V	0	0	0	V
	Pits and fissures	1	0	0	0	0
	t its and ussures			0	0	
	Dentine	V	0	0	0	V
	Gingiva	V	0	0	0	-
Soft tissues	Tongue and palate		Ø	0	0	
	rongue anu palaue		0	0	0	
	Hybrid composite	V	0	0	V	V
Restorations	Glass ionomer	~	Ø	0	0	V
Implants	and peri-implant tissues	V	0	0	0	~
Orthodontics	Brackets and appliances	V	0	0	0	V

Beware of so-called EMS compatible powders in the market, which can damage oral tissues and the device. See here a nozzle completely damaged by such aggressive powders.



► The use of not authorized powders by EMS will result in a loss of warranty.



05 PERIOFLOW®





FIRST TO GO SUBGINGIVAL



NEW PERIOFLOW® NOZZLE

EMS invested in research on safety matters before it decided to offer the subgingival PERIOFLOW* application.

EMS' main concern was to limit risks of emphysema.

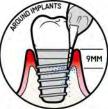
In 2019 at IDS, EMS will offer for sale the third generation new PERIOFLOW* exchangeable nozzle - slimmer, safer and easier to use.



The new PERIOFLOW* Nozzles are thinner and more flexible and able to adapt to the topography of periodontal/peri-implant pockets. A pressure release groove limits pressure in periodontal/peri-implant pockets.

PERIOFLOW® APPLICATIONS







PERIODONTAL POCKETS

PERI-IMPLANT POCKETS

ROOT FURCATION







06 PS INSTRUMENT

AFTER USING AIRFLOW®, REMOVE REMAINING SUPRA- AND SUBGINGIVAL CALCULUS WITH THE PIEZON® NO PAIN¹ PS INSTRUMENT.

- ► Linear movement of the PS Instrument = no damage to tooth surfaces and soft tissues.
- Minimally invasive with regard to root cementum. Dynamic power setting.
- ► "EMS PS (Perio Slim) Instrument delivers the best interproximal and subgingival access." 2
- ▶ Patients will be surprised as the treatment with the PIEZON* PS Instrument will be entirely Pain Free when used in the correct way by Dental Professionals.



- $1.\ NO\ PAIN:$ when used in accordance with EMS instructions and/or the training by the Swiss Dental Academy.
- 2. CRA, Clinical Research Associates, USA. Newsletter June 1998.

95% OF ALL CASES







PHOTOS: COURTESY, PROF, MAGDA MENSI





CALCULUS REMOVAL WITH EMS PIEZON® PS INSTRUMENT





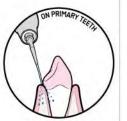




PS - THE ONE AND ONLY







07 CARIES CHECK

AND EARLY TREATMENT

BIOFILM

CARIES DETECTION REQUIRES CLEAN TEETH



The following dental surfaces are most at risk for caries12:

- 1 Occlusal.
- 2 Approximal.
- 3 Cervical areas.

In these areas:

► GBT helps effectively remove the biofilm and prevent caries in a minimally invasive way.

At an early stage of demineralization, caries is often hard to detect even with X-rays. Biofilm and calculus may conceal them. The International Caries Detection and Assessment System - ICDAS (2011) underscores the importance of clean and dry" surfaces for accurate detection.

1 OCCLUSAL





COURTESY, PROF. DENT. HERVÉ TASSERY, MARSEILLE/FRANCE

2 APPROXIMAL





COURTESY, DR. WOLFGANG GUTWERK ASCHAFFENBURG/GERMANY

3 CERVICAL

28





COURTESY, PROF. DENT. ADRIAN LUSSI, BERN/SWITZERLAND

14µm PLUS POWDER AND EARLY TREATMENT











COURTESY, PROF. DENT. HERVÉ TASSERY, MARSEILLE/FRANCE

The width of occlusal fissures of cavities is often less than 100 µm. This is less than toothbrush bristles and any hand instrument.

Disclosing + AIRFLOW sequence supporting early caries treatment:

- ► After an initial biofilm disclosure, the fissure is cleaned with AIRFLOW* PLUS 14µm Powder.
- ▶ If needed, enlarge the fissure with 40µm CLASSIC Comfort Powder and polish with PLUS Powder.
- ▶ Burs can be used selectively →2 in addition to AIRFLOW8 if the lesion is still present.
- ▶ Clean with AIRFLOW® erythritol prior to sealing enables optimal adhesion.

AIRFLOW® BEFORE COMPOSITE RESTORATIONS





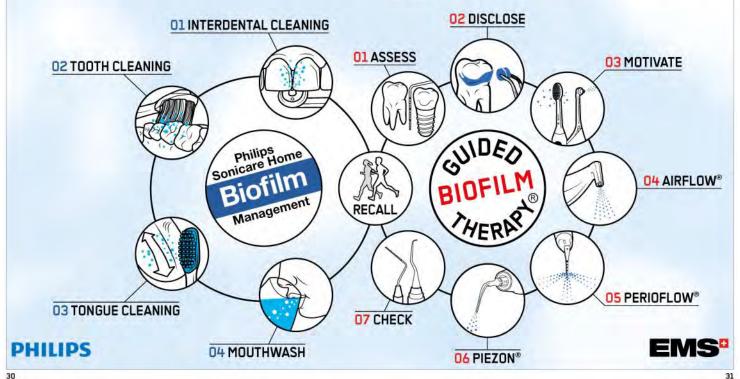


COURTESY, PROF. DENT. HERVÉ TASSERY, MARSEILLE/FRANCE

EMS AND PHILIPS COOPERATE

TO IMPROVE ORAL HEALTH

- ▶Philips and EMS have decided to combine forces to improve the oral health of patients as any successful Prophylaxis is based on two pillars: Homecare and Professional Oral Care
- Many years ago both companies envisioned the future importance of Prevention and Prophylaxis and consequently focused their efforts to continue offering better oral healthcare - Philips for Dental Care at Home and EMS for Dental Professionals.
- · GBT is a modern clinical protocol for Professional Tooth Cleaning. Philips joins GBT with its Homecare Oral Hygiene Consultation.
- For many years Philips and EMS have been leaders in oral healthcare. so today's cooperation was predictable and logical.
- This will help Patients and Dental Professionals to maintain and to improve oral health daily in a modern, efficient, gentle and pain-free way. In the spirit of: "Healthy Mouth - Healthy Body"



GBT IS COOL...*

PATIENTS AND USERS ARE FANS



"I do not want to do without Airflow technology or airpolishing in my everyday work. Gentle on substance, clean, pleasant for patients and quicker, particularly in the interdental spaces. The results are accordingly good. Less inflammation, and the tooth necks are no longer sensitive after treatment."

PETRA NATTER. **DENTAL HYGIENIST**

"I'm so happy with GBT, I could not accept any other tooth cleaning method anymore. Due to GBT I see my dentist regularly and gladly for my prophylaxis. And each time I leave the office I'm happy with my clean and brilliant white smile! To me prophylaxis with GBT has become a great experience and I dearly recommend it!" SABINE PAVICIC, PATIENT

"Due to the small particle size of the product, especially the Plus powder, there is practically no traumatic gingivitis anymore...We were able to increase turnover in the area of prophylaxis by approx, 50 percent from 2015 to 2016, which is surely also due to the now much more pleasant treatment. The reactions were positive without exception."

DIRK PALME, DENTIST

DENTIST

"The devices of the company EMS helped us

very much to simplify the procedure protocol

more gentle on substance and more patient-

of our "prophylaxis sessions", to make it

friendly (less pain). After more than 3

"Patients started to book in particularly with me. They thought I was more gentle than the other hygienists and their mouths were feeling better than ever.

The bosses had also noticed a seemingly higher standard of treatment being delivered with lower bleeding scores and cleaner mouths coming from my surgery.

They thought it was me. They thought I was more skilled. A better motivator. An exceptional communicator.

It wasn't me. It was the AIRFLOW"." FAYE DONALD, BEST UK DENTAL HYGIENIST 2014

AND 2017



CLINICAL EVIDENCE



01 ASSESS

Anamnesis: review the case history of your patient and raise awareness of caries promoting and reducing factors2,

Pre-rinse with BacterX® Pros.

After patient and clinician preparation, perform the periodontal probing and screening.

02 DISCLOSE

Apply disclosing solution^{8,7}, then rinse with water.

03 MOTIVATE

Show your patients the disclosed biofilm67 and provide appropriate oral hygiene instruction6. EMS recommends Philips Sonicare 88.

04 AIRFLOW®

Remove stains10, biofilm13,12 and early calculus supra- and subgingivally up to 4mm on natural teeth18, implants14, restorations. orthodontic brackets15, dentine15 and soft tissues16.11.18.

05 PERIOFLOW®

Remove biofilm in 4-9 mm periodontal and peri-implant pockets11,17,18,19

06 PIEZON®

Remove calculus^{20,21} on natural teeth up to 10 mm subgingivally25 with PS Instrument NO PAIN*24 and on implants up to 3 mm subgingivally with PI Instrument.

07 CHECK

Check for any remaining biofilm, stains and calculus. Diagnose caries2 and other dental hard-tissue defects, protect with fluoride25 and inform the patient on personal preventive measures.

08 RECALL

18

Schedule next recall appointment. adapting recall frequency to individual risk^{27,28}.

1 ADHA - Standards for clinical dental hygiene practice (page 6)

2 WHITE PAPER ON CENTAL CARIES PREVENTION AND MANAGEMENT: A summary of the current evidence and the key issues in controlling this preventable disease

PIN World Devial Federation 2016 / Pitte N. Sero II.

This measurems must be considered as an assential compensation the chinese decrease.

making process in deutal practice to determine the appropriate level of patient case. Lym-3 REDUCTION OF SALIVARY BACTERIA BY PRE-PROCEDURAL RINSES WITH

CHLORHEXIDINE 0.12% James of Periodeology 1891, 82(11) I Vehiler AE, Kopence UA, Novembr MU.
Fre-precedure inverse with CHX has a problem and sussemed effect on the secolic used facilitative fices of the cent covery, which may contribute to a venity of climical benefits.
Prespectedoric making may also be of value in protecting put state and devide professionals. during dental managedations. Links

4 AEROSOL A HEALTH HAZARD DURING ULTRASONIC SCALING: A CURICO-

Indian Journal of Dental Research 2016, 27(2) / Singh A. Shina Montpounth 160, Single D. Bhattachar sa HS, Sarbar A, Chandra N. The accounts and spiritives produced during during during the setum have the petergial to spread infection to dertail personnel. Therefore, proper presentates should be taken to maximum

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American Deutst Hyposinist Association I High AS, University DM, Gurew LT, Konnaky, TF, Neur CA, Olsen AA, Platt AB, Wingrow SS, Chandler NT, Certila Ld.
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