

**SYSTEMATIC DENTAL CARE**  
PREVENTION AND MINIMALLY-INVASIVE THERAPY

**LUNOS<sup>®</sup>**  
MAKING SMILES BRIGHTER



# BECAUSE THE BIG PICTURE MATTERS.

Dentists always need to keep one eye on the big picture so that they can make the right decisions for the dental care for their patients. Dürr Dental has developed a great new system for this 'big picture': a precisely coordinated system for preserving general oral health and for the prevention and treatment of periodontitis or periimplantitis. A system of minimally-invasive techniques with proven low-pain and gentle treatment methods, high-tech systems, aids, diagnostics, comfort and information. A system that is not available from any other manufacturers in this form and quality: Lunos®.

To do this, Dürr Dental has worked intensively on many details. For example, by developing and refining the ultrasonic technology used. Or in relation to the digital imaging techniques. Or the high-quality prophylaxis products like prophy powders, prophy pastes, fluoride gel or fluoride varnish for protection of the teeth. Serious engineering skills and a major interest in the workings of dental medicine and dental practice processes have played a major role.

Lunos® supports the needs of patients and the work of practice teams in equal measure. It provides options for treatment and prophylaxis, and as a system it opens up all options for the individual concepts of modern dental practices. Lunos® understands the many individual steps in prevention and therapy for what they are: part of a bigger picture.

# LUNOS<sup>®</sup>

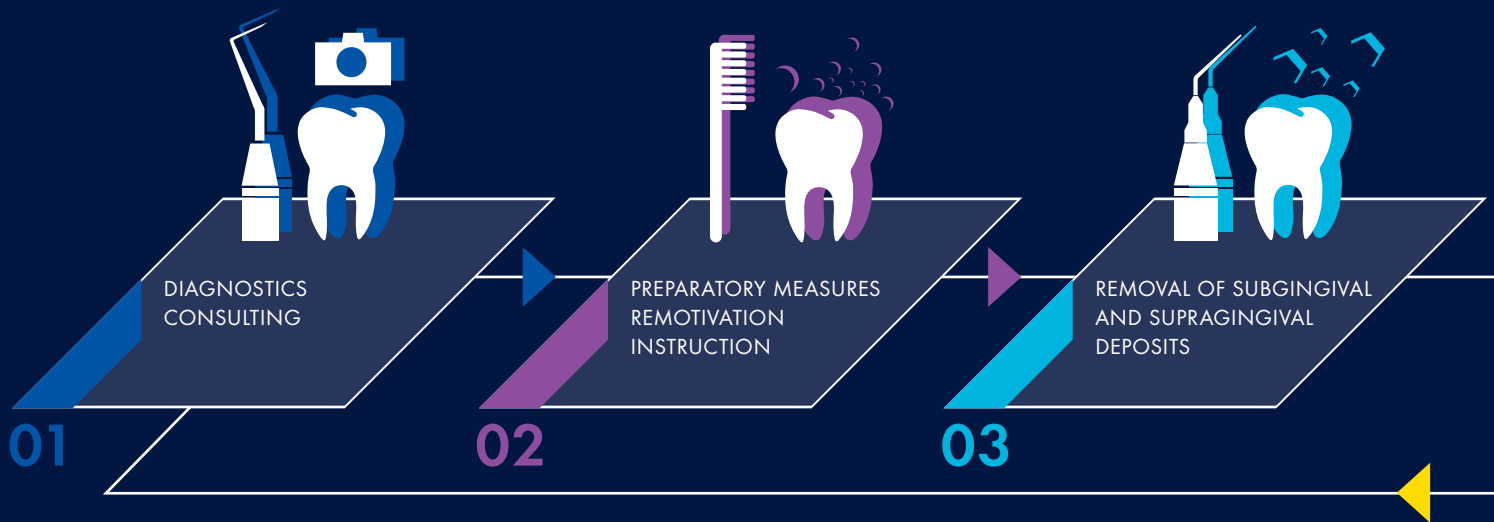
MAKING SMILES BRIGHTER

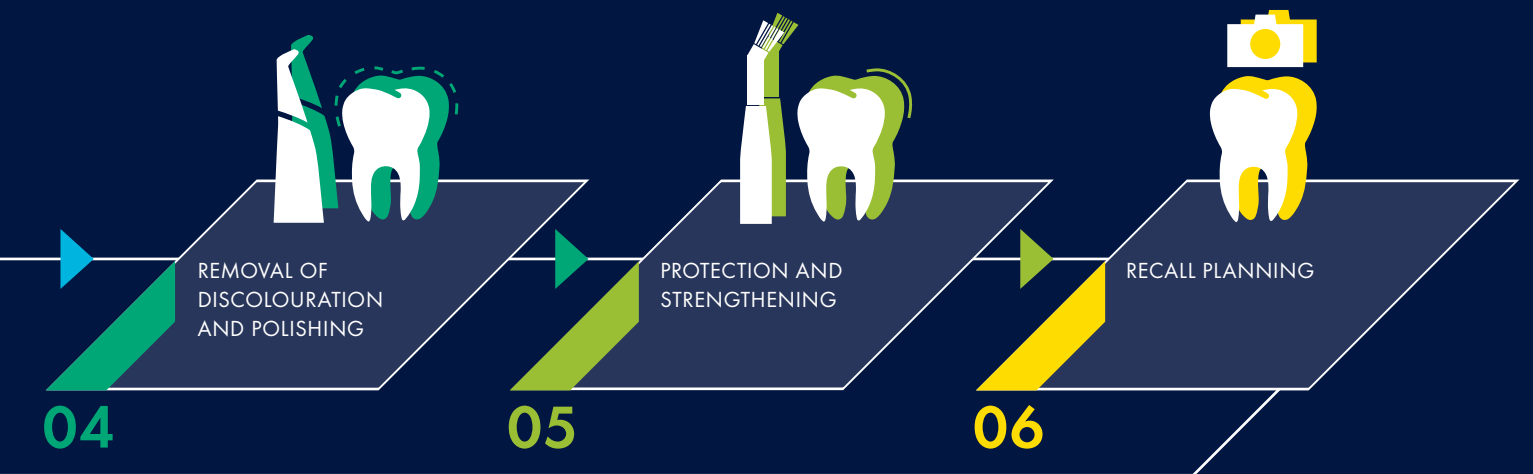


## PREVENTION PROCESS

# BECAUSE PREVENTION IS GOOD FOR DENTAL HEALTH.

Patients want to make sure that their teeth are going to stay healthy in the long run. Prophylaxis is the best way to gain this certainty. In six steps, Dürr Dental supports all elements of professional dental prophylaxis with products and expert knowledge. In the process, we are also using some newly developed products, such as the Perio syringe for MyLunos®, with which subgingival powder jet treatment is now also possible. Or imaging technologies like VistaCam for intraoral image acquisition and analysis.

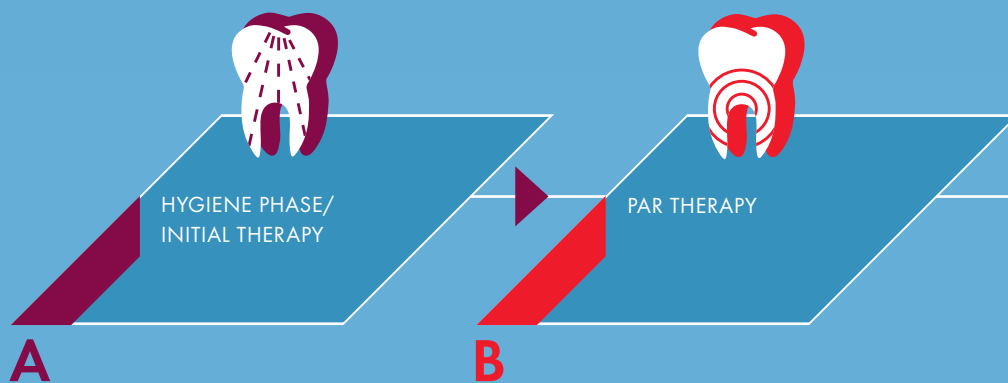




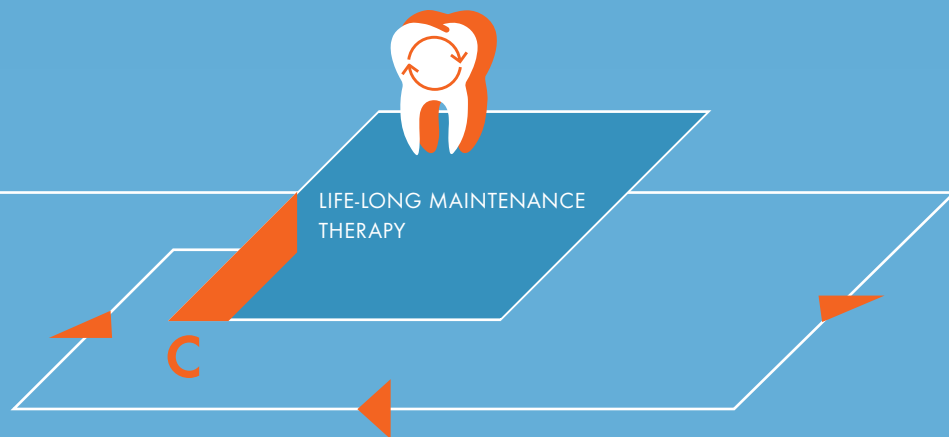
## THE THERAPY PROCESS

# BECAUSE THERAPY AND PREVENTION BELONG TOGETHER.

Preventive dentistry has its limits. Diseases of the periodontal apparatus are among the most common diseases of all, and in many cases periodontitis treatment is necessary. At the transition where prevention ends and periodontitis treatment begins, the Lunos® total system from Dürr Dental also offers modern and highly effective support options, which can be implemented time-efficiently and simply.

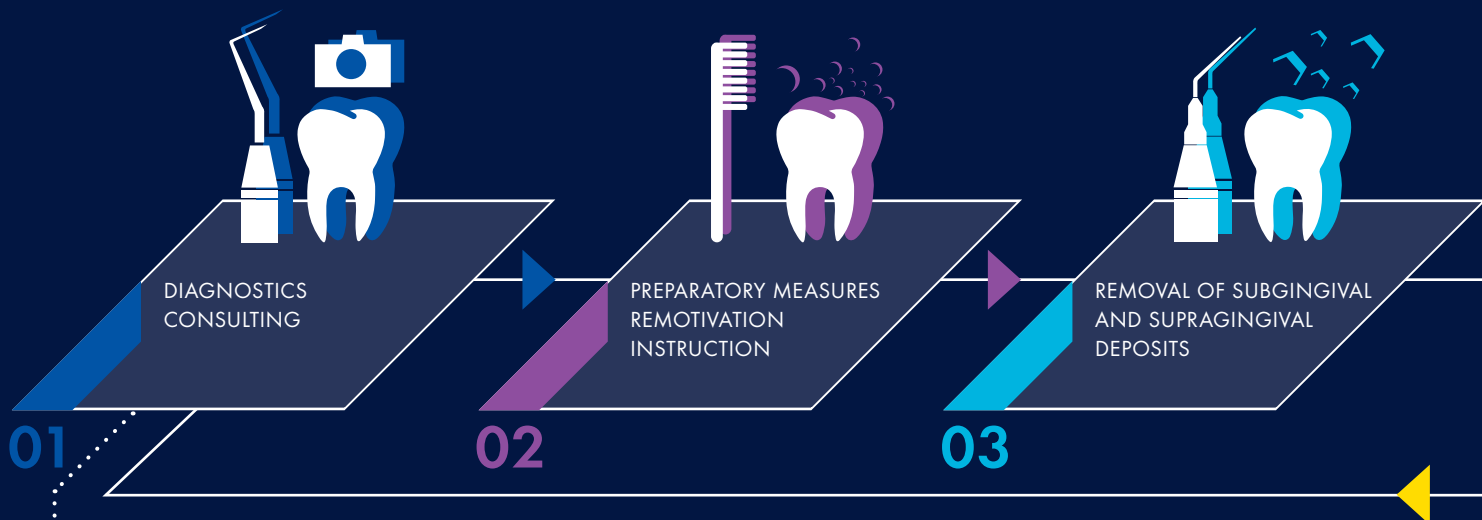


Dürr Dental takes the strain off the patient, dentist and skilled staff with gentle, minimally invasive methods. At the end of this process is lifelong maintenance treatment, which is designed to protect the patient against progressing periodontitis.



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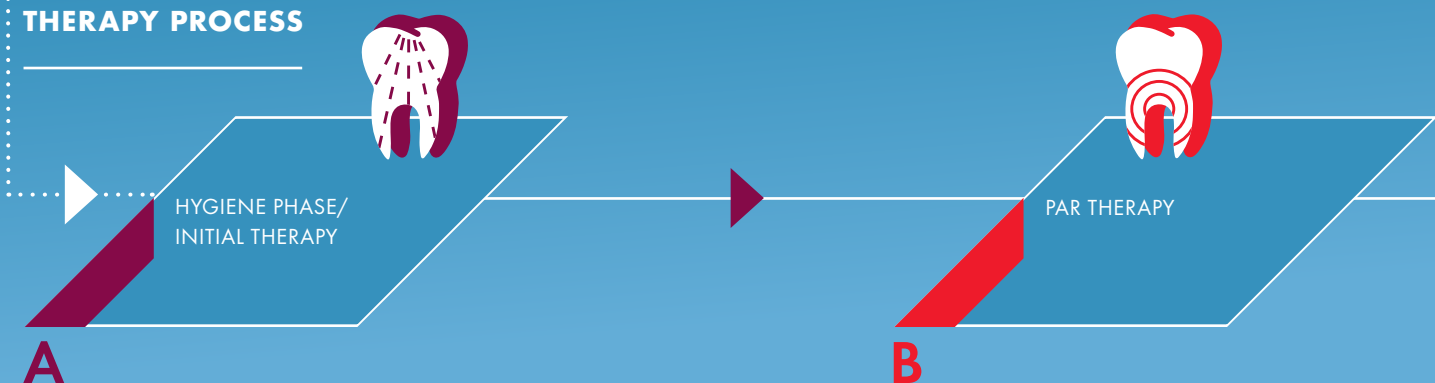


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## THERAPY PROCESS



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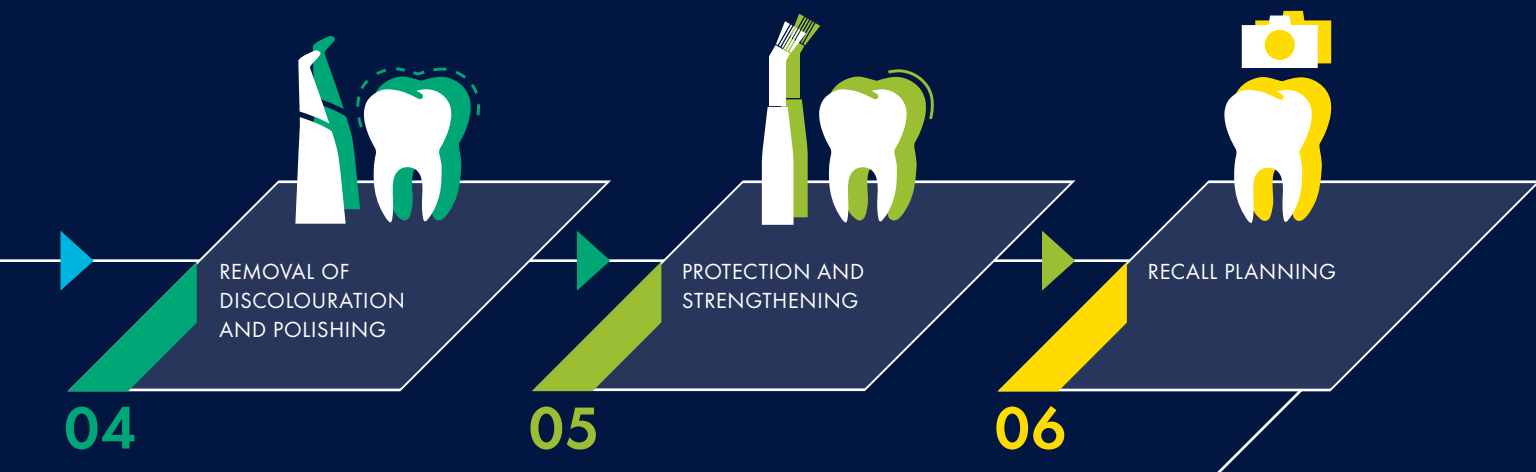
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\*This product can be found in the Vector® brochure from Dürr Dental.



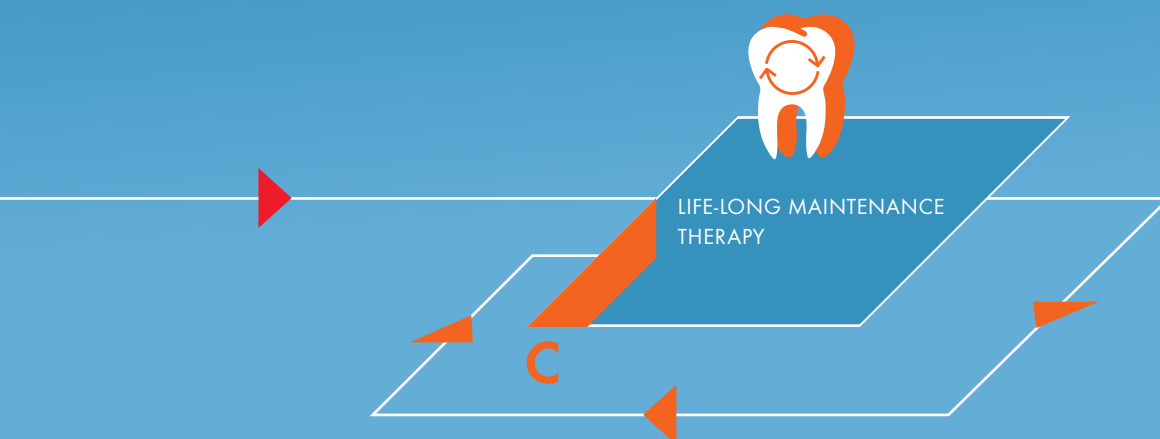
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# WHEN OUR BEST GET TOGETHER.

Lunos® and Vector® are the strongest team to prevent and safeguard against all forms of periodontal disease. Lunos® offers everything for powder jet treatment, polishing, protection, strengthening and sealing. Vector® is the specialist for gentle yet effective ultrasonic cleaning.



Whether supragingival or subgingival – the team of MyLunos®, Vector® Paro and Vector® Scaler offers everything you need to remove hard deposits and biofilms.



# THE VECTOR® SYSTEM – A SYNERGY OF DESIGN AND FUNCTION.

Even after 20 years, it is still the standard for minimally invasive and painless ultrasonic technology\*: the linear vibration deflection from Dürr Dental. This ingenious piece of technology is installed in the Vector® Paro. Supplemented with a large selection of instruments and helpful accessories, Vector® represents the pinnacle of minimally invasive ultrasonic treatment. With high tech equipment throughout the system.

## PIONEERING SUPPLEMENTS



Vector® Fluid polish optimises polishing on the basis of hydroxyapatite and supports low pain treatment.

- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE

## PIONEERING SYSTEM



Mutually coordinated accessories complete the Vector® System. You will find all components in the Vector® brochure from Dürr Dental.



\* See study: A. Braun, F. Krause, G. Hahn, M. Frentzen: Subjective Sensation of Pain with Periodontal Treatment, Quintessence 53, 7, 749-754 (2002)

## PIONEERING TECHNOLOGIES

Paro handpiece with vibration deflection for gentle subgingival treatment. Modern scaler technology with 6 LEDs enables the best overview for supra- and subgingival application.



## PIONEERING INDEPENDENCE

A large removable water tank means that there is no need for a fixed water supply.



## PIONEERING FORM

Both handpieces impress with a high degree of operator friendliness.



## PIONEERING SIMPLICITY AND HYGIENE

The clearly laid out operating panel for intuitive operation. There are no gaps or cracks in the surfaces, so they fulfil the highest hygiene requirements. The unit automatically indicates when cleaning is due and facilitates the rinsing of the media conveying system. Handpieces and instruments can be reprocessed in validated manual or automatic processes.



# EASY TO HANDLE, VERSATILE, WITH RADIANCE.

The powder jet handpiece\* MyLunos® offers assistance with ease, power and ergonomic handling when you need to remove discolouration, deposits and biofilms. Depending on the nozzle it is ready for either supragingival or subgingival application. The detachable powder chamber is quick and easy to change, leaving you free to always use exactly the right powder for the purpose. The unit follows our strictly systematic approach – from preparation and use during treatment to reprocessing. MyLunos® offers great flexibility and efficiency because it has been conceived as a system.

## SUPRAGINGIVAL AND SUBGINGIVAL TREATMENT



One for all – the MyLunos® powder jet handpiece offers great freedom in terms of treatment. Whether for supragingival removal of discolouration or subgingival cleaning of root and implant surfaces – smooth, uninterrupted treatment processes are made possible by quickly swapping the two nozzles.



## PERFECT ERGONOMICS

There are many factors that help to optimise ergonomic design: weight, centre of gravity, material, form, feel, dimensions. MyLunos® takes all of these aspects into account. The surface is non-slip, and the form of the unit is perfectly matched to the shape of your hand. This means that MyLunos® offers perfect ergonomics – with all the available nozzles.



\* Available for KaVo, Sirona, W&H, BienAir and NSK turbine coupling.

## EXCHANGEABLE CHAMBER PRINCIPLE

Particularly easy to change with the bayonet catch – even during treatment. Work interruptions or loss of power due to a low fill level are thus ruled out. Different powders can also be used to suit requirements.



## PREPARING THE CONTAINERS

The safe valve closure allows the containers to be filled in advance. In the process, the clever storage trays enable flexible filling and storage. The containers are available in four different colours. Each of the colours is used to clearly represent one of the four variants of Lunos® Prophy Powders.



## HANDPIECE AND INDIVIDUAL PARTS CAN BE REPROCESSED FULLY AUTOMATICALLY

The reprocessable components of the handpiece are made of temperature-resistant plastic and can therefore be thermo-disinfected and autoclaved.



# POWERFUL YET GENTLE: LUNOS® POWDERS AND PASTES.

Dental care and the protection of regenerative tissue has now been the focus of product developments at Dürr Dental for 20 years. With the Lunos® range of Prophy Powders and Prophy Pastes, the top priority is protecting sensitive tooth substance while delivering effective cleaning at the same time. They display an extremely low abrasive effect on tooth enamel and dentine and can therefore be used as part of regular recall treatments. This not only protects tooth substance, but also saves the therapist valuable treatment time and therefore makes the treatments more comfortable for patients.



- ✓ VEGAN
- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE



- ✓ VEGAN
- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE

## LUNOS® PROPHY POWDER GENTLE CLEAN

03 04 A B C // P. 08-09

For supragingival cleaning and removal of extrinsic discolouration.

### Innovative abrasive agent trehalose:

- Particle size approx. 65 µm
- Does not irritate mucous membranes

### Best water solubility:

- Leaves no powder residues in the patient's mouth
- Protects the suction unit

### Ergonomic bottle with a single-hand flip-spout cap

Flavours: Neutral, Orange and Spearmint  
Sales unit: 4 x 180 g

## LUNOS® PROPHY POWDER PERIO COMBI

03 04 A B C // P. 08-09

For subgingival biofilm removal and supragingival cleaning. Ideal for recall.

### Innovative abrasive agent trehalose:

- Particle size approx. 30 µm
- Does not irritate mucous membranes

### To support maintenance therapy\*

### Best water solubility:

- Leaves no powder residues in the patient's mouth
- Protects the suction unit

### Ergonomic bottle with a single-hand flip-spout cap

Flavour: Neutral  
Sales unit: 4 x 100 g

\* Kruse, A. B.; Akakpo, D. L.; Maamar, R.; Woelber, J. P.; Al-Ahmad, A.; Vach, K.; Ratka-Krueger, P.: Trehalose powder for subgingival air-polishing during periodontal maintenance therapy: a randomized controlled trial. <https://www.ncbi.nlm.nih.gov/pubmed/30311948> Periodontol.; 2018; doi: 10.1002/JPER.17-0403



The protective shield on the cannula tip can be freely rotated. This enables particularly effective suction of spray powder.



## PROPHYLAXIS CANNULA

03 04 A B C // P. 08-09

A specially developed rotatable and lockable protective shield enables increased aerosol uptake and particularly effective, ergonomic suction as part of prophylactic treatments with powder cleaning devices.

- Twice the uptake of aerosol compared to conventional cannulas
- Prevents irritation of the mucous membranes due to jet powder
- Ergonomic treatment
- Protect secondary air inlets against reflux



✓ LACTOSE-FREE  
✓ GLUTEN-FREE

## LUNOS® PROPHY PASTE TWO IN ONE

04 A C // P. 08-09

The innovative two-in-one solution: removes discolouration and polishes in a single step. Saves time – yet is thorough and gentle on tooth substance.

The abrasiveness of the paste decreases gradually thanks to the self-reducing polishing particles



- Can be used for all treatment needs
- Effective cleaning and polishing thanks to an innovative system of abrasive and polishing agents. Hydroxyapatite supports remineralisation
- Particularly gentle on tooth substance, RDA 28\*
- Mint flavour additionally contains sodium fluoride to support remineralisation

Flavours: Neutral, Orange and Mint  
Sales unit: 1 x 100 g



## LUNOS® PROPHYLAXIS RING

04 A C // P. 08-09

For optimised handling through simple application of the prophyl paste. Flexible ring size.

- The innovative prophyl paste container can be adapted to every method of working
- Ergonomically formed ring for highest wearing comfort
- The edge-free prophyl paste container is particularly easy to clean after treatment

Sales unit: 8 items



✓ LACTOSE-FREE  
✓ GLUTEN-FREE

## LUNOS® PROPHY PASTE SUPER SOFT

04 A C // P. 08-09

Lasting, gentle fine polish, even on particularly sensitive surfaces.

- Universal use, even on implants, orthodontic appliances and dental restorations
- Creates smooth, high-gloss surfaces, new deposits do not accumulate so quickly
- Hydroxyapatite cleans and polishes extremely gently and supports remineralisation
- RDA < 5\*

Flavours: Neutral and Orange  
Sales unit: 1 x 50 g

\*Please read the operating instructions.

# DENTAL HEALTH – WELL THOUGHT OUT.



## VISTACAM IX HD SMART

01 06 A C // P. 08-09

The camera system will provide you with reliable and effective support for the diagnosis of caries and the visualisation of plaque. During visits to the dental hygienist you can show your patients clearly where they need to clean more thoroughly. Thanks to the fluorescence technology, all you need to do to visualise the deposits is to use the Proof interchangeable head. With the aid of 'before' and 'after' images you can also highlight the importance and added value of professional dental cleaning to your patients. The multi-head camera system is a real gain for every dental practice, both for patient consultation and for diagnostic assistance.



## LUNOS® PROPHYLAXIS CUSHION

02 A B C // P. 08-09

Provides safe and comfortable head support. Supports the head and neck.

- Quick and easy attachment to the head support of the treatment unit via Velcro fastener
- The viscoelastic foam material relieves pressure and reacts to body heat to individually adapt to each patient
- Soft, skin-friendly and waterproof cover  
Washable and disinfectable

Sales unit: 1 unit



- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE

## LUNOS® DENTAL RINSE

02 A B C // P. 08-09

Ready-to-use dental rinse for the protection of gingiva and teeth.

- Prevents bacterial-related infections of the oral mucosa and the gingiva
- Inhibits the growth of plaque-forming, pathogenic and odour-causing germs
- Sugar-free, contains xylitol

Sales unit: 1 x 400 ml, 1 x 2.5 l

Dosing pump for the 2.5 l bottle available separately



- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE

## LUNOS® FLUORIDE GEL

05 A C // P. 08-09

For intensive prophylaxis against caries with sodium fluoride. Particularly suitable for use after professional dental cleaning.

- Protects and strengthens tooth enamel
- Supports remineralisation
- Inhibits plaque formation
- Fast and simple to apply
- Contains 12300 ppm fluoride

Sales unit: 1 x 250 ml



- ✓ VEGAN
- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE

### LUNOS® FLUORIDE VARNISH

05 / A C // P. 08-09

For the desensitisation and protection of sensitive tooth surfaces with sodium fluoride. Easy to apply thinly – and therefore particularly economical.

- Tooth-coloured varnish, no cosmetic impairment for the patient
- Easy to apply
- Adheres reliably to moist surfaces
- Contains 22600 ppm fluoride
- Contains xylitol

Sales unit: 1 x 10 ml



- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE

### LUNOS® FISSURE SEALANT

05 // P. 08-09

For aesthetically high-quality sealing of fissures and enamel defects on a composite base.

- Moisture tolerant and hydrophilic
- Application on moist or slightly dried tooth surfaces, effective wetting of the tooth enamel
- Excellent flow properties, very high adhesion to tooth enamel
- Light-curing
- Abrasion stable, highly filled

#### Available in:

Clear (without fluoride, specially designed for aesthetic sealing)  
 Opaque (with fluoride for lasting protection)

Sales unit: 2 x 1.5 g syringes



- ✓ VEGAN
- ✓ LACTOSE-FREE
- ✓ GLUTEN-FREE

### LUNOS® PROPHY WELLNESS CLOTH

06 / A B C // P. 08-09

Refreshing, pre-soaked terry cloth, ideal for facial cleaning following prophylactic treatment.

- Individual service for patients
- Hot and cold application possible
- Cares for the skin with aloe vera
- Alcohol-free

Sales unit: 50 cloths individually packed



### LUNOS® PATIENT INFORMATION BROCHURE

A C // P. 08-09

We can help you educate patients about professional dental cleaning with our free patient information brochures.

[WWW.LUNOS-DENTAL.COM](http://WWW.LUNOS-DENTAL.COM)

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Subject to technical changes