Professional Care Program

Oral Health Management

A system of solutions
Strong and healthy teeth and healthy gums for a lifetime: This is the goal to which dental practitioners and their teams aspire and it is the dream of patients.

**Oral Health Management**

Healthy teeth should stay healthy. Restored teeth and denture teeth should receive the care they need. Oral health is vital to the overall health, personal development and well-being of everyone. Therefore, the need for professional and customized Oral Health Management solutions for patients of all ages is growing. The focus is on prevention, minimally invasive therapy and care.

The quality products and services from Ivoclar Vivadent enable dental professionals to implement their treatment strategies safely, successfully and effectively. A coordinated product range composed of strong individual products offers the possibility of providing patients with customized Oral Health Management measures. The Professional Care products help to maintain all teeth, be they natural, restored or artificial, in good condition.

**Needs-driven programs**

Professional Care products and other products and specialized services from Ivoclar Vivadent are available in different programs that are specifically geared to the treatment needs of different target groups.

**Full expertise**

Recent international studies have intensively examined the importance of Professional Care products that cater to different patient groups. It has been shown that these products are a standard component of the product portfolio of many dental practices. Information about the benefits of the products and special tips regarding their application are supplied in the communication materials provided for the different target groups. This information helps to inform and treat patients appropriately.

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**The programs**

- i-Kids®
- Ortho Care
- Implant Care
- Senior Care

**The patients**

- Children and adolescents
- Orthodontic patients
- Implant patients
- Seniors
Ivoclar Vivadent offers a system of professional solutions.

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OptraGate®
For a full view

A full view of the working area saves treatment time and heightens the safety of dental procedures.

The latex-free lip and cheek retractor OptraGate® retracts the lips and cheeks around the entire circumference of the mouth. The oral cavity and the teeth are easy to reach.

Invaluable auxiliary
OptraGate provides unhindered access to the oral cavity and enables dental professionals to work efficiently, knowing that their patients are comfortable during the following procedures:

- dental examination
- application of Plaque Test
- professional cleaning and polishing of the teeth
- fissure sealing
- application of protective varnishes
- tooth whitening.

This is beneficial for everyone involved.

Special tip
- OptraGate facilitates in-office tooth whitening procedures with the VivaStyle® Paint On Plus bleaching varnish.

Benefits for the dental team
- Improved access to the oral cavity and teeth
- Efficient treatment
- Wide range of applications

Benefits for patients
- Latex-free
- Comfortable retraction of the lips and cheeks
- Fast treatment

Practical evidence
- OptraGate is mostly used in bleaching procedures, the placement of highly esthetic anterior fillings and in professional tooth cleaning measures (Survey taken by Ivoclar Vivadent in 2006).

OptraGate® – the comfortable lip and cheek retractor

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three-dimensional flexibility</td>
<td>Keeping the mouth open is easy</td>
</tr>
<tr>
<td>Recesses for the lip frenula</td>
<td>High level of comfort for patients</td>
</tr>
<tr>
<td>Available in different sizes</td>
<td>Individualized fit</td>
</tr>
</tbody>
</table>

4
Bacterial biofilm promotes the development of not only dental caries, but also of periodontal and periimplant diseases, gravely endangering the health of teeth and gums.

Problem areas
Plaque accumulates generally in areas that are difficult to clean. This problem, which affects the teeth and gums, is not easy to detect for the untrained eye. Modern tooth replacements such as implants require optimal oral hygiene practices to ensure their longevity. The success of the at-home measures is dependent on the instructions and assistance received from the dental practice.

Plaque Test – revealing the biofilm
Plaque Test is used to selectively colour bacterial biofilm and make it visible. The fluorescent pigment does not react with teeth, soft tissue and restorations. Only the plaque-coated areas glow under the light of a curing unit, for example Bluephase® from Ivoclar Vivadent. The stained plaque makes it easier for the dental team to instruct patients on where and how to clean their teeth. This method is also used to determine the plaque indices and check the result of professional tooth cleaning measures.

Special tip
- Bacterial biofilm can be selectively and gently removed with Proxy® pastes, which are specially formulated for the professional cleaning and polishing of teeth. The OptraGate® lip and cheek retractor facilitates access to tooth surfaces.

Benefits for the dental team
- Comprehensive diagnostics
- Individualized recall intervals
- Risk-based treatment

Benefits for patients
- Customized care
- Early detection
- Long-term preservation of teeth

The scientific basis
- Caries and periodontal diseases are closely associated with bacterial biofilm (Marsh et al. 2015).

Plaque Test – the fluorescent disclosing liquid

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selective application</td>
<td>No unsightly staining of the tongue, gums and mucous membrane</td>
</tr>
<tr>
<td>Only the biofilm glows</td>
<td>Clear examination results</td>
</tr>
<tr>
<td>Fluorescent under any curing light</td>
<td>Easy to integrate into routine procedures</td>
</tr>
</tbody>
</table>
Focus on individual needs

Proxyt® pastes clean effectively and gently. Unnecessary wear of tooth structure or roughening of restoration surfaces is avoided. The Proxyt pastes are available in three different abrasion levels:

With fluoride
- Proxyt fine
- Proxyt medium
- Proxyt coarse

Fluoride-free
- Proxyt medium

Systematic professional cleaning and polishing of teeth, restorations and implants is essential in the prevention of caries, periodontal and periimplant diseases. Apart from the oral health benefits, professional tooth cleaning promotes “white” and “pink” esthetics. The teeth and gums simply look good.

Picture: Dr L. Enggist, Ivoclar Vivadent AG, Schaan, Liechtenstein
High-quality restorations maintain their lustre

In addition to hard and healthy dental enamel, significantly less resistant dentin and filling materials need to be cleaned. The use of harsh agents must be avoided, as they make surfaces look dull. Only smooth surfaces maintain their natural gloss. The fine Proxtyt paste, which is free of pumice, is designed for cleaning and polishing high-quality surfaces. The paste cleans restorations and implants without scratching and leaves them looking beautiful and shiny.

Accentuating esthetics

Professional cleaning with the fine Proxtyt paste brings out the best in quality ceramic restorations: They maintain their natural lustre and healthy gums enhance the overall appearance.

Protecting sensitive tissue

Periimplant tissue is much more sensitive than gingival tissue. Therefore, implant-supported restorations must be cleaned very gently with the fine Proxtyt paste and soft rubber cups or brushes. Since implant patients need to have their teeth cleaned professionally on a regular basis for the rest of their life, this procedure should be as effective and gentle as possible.

Special tip

- Bacterial biofilm can be made visible by staining it with the fluorescent disclosing liquid Plaque Test.

Benefits for the dental team

- Long-term gentle quality assurance
- Well-being of patients
- High level of patient loyalty

Benefits for patients

- Well-being
- Perceptibly smooth teeth
- Long-term beautiful teeth

The scientific basis

- In contrast to several other prophy pastes, the fine version of Proxtyt maintains the smoothness of ceramic surfaces (Yazici et al. 2012).
In order to stay healthy and strong, teeth need to be supplied with fluoride throughout their lifetime. In many cases, using a fluoride-containing toothpaste alone is not enough and additional treatment with fluoride is necessary. The professional application of a fluoride varnish is emphatically recommended by dental organizations.

Comprehensive protection

The fluoride varnishes Fluor Protector and Fluor Protector S allow teeth to be professionally protected from:

- hypersensitivity
- caries
- erosion.

Protection of problem areas

The low viscosity of Fluor Protector and Fluor Protector S ensures good flow and wetting properties. The varnishes spread easily and readily flow into complex surface structures. Problem areas such as

- exposed cervicals
- fissures
- proximal surfaces
- surfaces around brackets and bands
- filling and crown margins
- porous tooth surfaces

receive the required amount of fluoride and protection.

For different age groups

Fluor Protector and Fluor Protector S are suitable for treating children, adolescents and adults. Due to their concentration, they are also suitable for treating pre-school children. The varnishes have been successfully tested under field conditions.

For individual needs

Fluor Protector and Fluor Protector S differ in their composition, fluoride concentration and delivery form. The at-home application of Fluor Protector Gel enhances the effect of professionally applied protective varnishes.

1 Highly viscous fluoride varnishes sit on the tooth surface.

2 The low-viscosity fluoride varnish spreads easily and readily penetrates into porous surfaces.
**Special tip**

Fluor Protector Gel can be used after professional tooth cleaning as alternative to a fluoride varnish.

**Benefits for the dental team**

- Highly effective fluoride varnishes and intensive care gel
- Solutions for individual needs
- Fast treatment

**Benefits for patients**

- Fast, comfortable treatment
- Clinically proven method
- Long-term beautiful teeth

**The scientific basis**

- The routine application of a fluoride varnish during the treatment with fixed orthodontic appliances may reduce the development of white-spot lesions in the vicinity of brackets (Stecksén-Blicks et al. 2007).
- Fluor Protector Gel may protect dental enamel against demineralization (Ziebolz et al. 2010).
Standard oral hygiene measures and professional tooth cleaning and fluoridation are not adequate to protect the teeth from harm in patients with high bacteria counts. In these cases, it is necessary to selectively reduce the number of relevant germs.

Protection and oral care

A very high number of certain germs in the mouth compromises the health of the teeth, gums and mucous membrane. Furthermore, the condition of implants, dentures and restorations is also placed at risk. The chlorhexidine-containing protective varnish Cervitec Plus offers strong protection for at-risk areas.

The following products are available to support oral and dental care.

- Cervitec F, the protective varnish
- Cervitec Gel, the oral care gel
- Cervitec Liquid, the mouth rinse
Cervitec® Plus – advanced protection for risk areas

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
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<tbody>
<tr>
<td>1% chlorhexidine plus 1% thymol</td>
<td>Effective bacterial control</td>
</tr>
<tr>
<td>Optimum flow and wetting behaviour [50; 51]</td>
<td>Treatment of difficult-to-reach areas [5; 8; 15; 19; 24–39; 41; 52–61]</td>
</tr>
<tr>
<td>Long-term clinical experience</td>
<td>Conditioning of the gums</td>
</tr>
</tbody>
</table>

References, see page 19

Cervitec® F – multiple protection in one preparation

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400 ppm fluoride plus 0.3% chlorhexidine plus 0.5% CPC (cetylpyridinium chloride); fluoride source: ammonium fluoride</td>
<td>Only one application step: fluoridation, desensitization and support in controlling germs</td>
</tr>
<tr>
<td>High moisture tolerance</td>
<td>Easy, fast application</td>
</tr>
<tr>
<td>Mild taste</td>
<td>High acceptance</td>
</tr>
</tbody>
</table>

Cervitec® Gel – mild, effective oral care

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2% chlorhexidine plus 900 ppm fluoride plus xylitol plus provitamin D-Panthenol; fluoride source: sodium fluoride</td>
<td>Powerful combination for the application on the gums, perimplant tissue, the mucous membrane and teeth</td>
</tr>
<tr>
<td>Smooth consistency</td>
<td>Optimum distribution on complex surfaces</td>
</tr>
<tr>
<td>Mild taste</td>
<td>High level of compliance</td>
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</tbody>
</table>

Cervitec® Liquid – powerful without alcohol

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylitol plus provitamin D-Panthenol plus 0.1% chlorhexidine</td>
<td>Care of gums and oral mucosa</td>
</tr>
<tr>
<td>Alcohol-free</td>
<td>Suitable for children (over 6 years) and adolescents</td>
</tr>
<tr>
<td>Mild mint taste</td>
<td>High level of compliance</td>
</tr>
</tbody>
</table>

Special tip

- Due to its favourable consistency, Cervitec Gel is easy to dispense on an interdental brush and distribute in proximal areas.

Benefits for the dental team

- Customized solutions
- Easy to integrate into the practice routine
- Clinically proven products

Benefits for patients

- Products recommended by dental professionals
- Pain-free risk management
- Mild taste of all Cervitec products

The scientific basis

- Chlorhexidine varnish can reduce the number of acid-producing bacteria in saliva and plaque (Lipták et al. 2018).
- The management of periimplant mucositis can be supported by Cervitec Gel (Hallström et al. 2015).
Pits and fissures are exposed to a high caries risk. Because of their complex shape, even the most thorough dental hygiene practices are very often inadequately effective in these areas. Tight sealing protects these highly susceptible surfaces.

**No chance for toothbrushes**

The intricate profile of fissures prevents the bristles of toothbrushes from reaching the bottom of these structures. Consequently, harmful bacteria can colonize these sites. Food and beverages provide a constant supply of carbohydrates. As a result, caries can develop unchecked.

**Targeted defence through sealing**

Sealing with Helioseal® protects these highly susceptible tooth surfaces. Helioseal covers pits and fissures with an impenetrable coating. The sealant closes up the retention niches where bacteria live and cuts off the carbohydrate supply that sustains them. What is more, the smooth surfaces that are produced with the sealant are easy to keep clean.

**Three fissure sealants for highest clinical demands**

Three light-curing resin-based Helioseal sealants are available to fulfil the different sealing needs. The sealants differ from one another in terms of their delivery form and their viscosity, colour and fluoride content. However, they all show the same high clinical performance.

- Helioseal – the classic sealant
- Helioseal Clear – the clear sealant
- Helioseal F Plus – the efficient sealant

<table>
<thead>
<tr>
<th>Helioseal®</th>
<th>Helioseal® F Plus</th>
<th>Helioseal® Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pigmented</td>
<td>Pigmented</td>
<td>Clear, colourless</td>
</tr>
<tr>
<td>Without fluoride</td>
<td>With fluoride</td>
<td>Without fluoride</td>
</tr>
<tr>
<td>Without fillers, low viscosity</td>
<td>With fillers, higher viscosity</td>
<td>Without fillers, low viscosity</td>
</tr>
</tbody>
</table>
Special tip

The enamel areas adjacent to the sealed surfaces can be protected with the fluoride-containing varnish Fluor Protector S.

Benefits for the dental team

- Many years of clinical experience
- Long-term retention
- Reliability

Benefits for patients

- Effective protection against caries
- Clinically proven sealant
- Long-term preservation of teeth

The scientific basis

- Sealing of pits and fissures in deciduous and permanent teeth offers an effective method of preventing and arresting caries (Cvikl et al. 2018).
Exposed cervicals
In many cases, the cause of the complaints can be traced to exposed cervical surfaces with open dentin tubules. External stimuli such as hot and cold substances directly affect the unprotected tooth structure and trigger pain.

Protective shield
VivaSens® is a film-like varnish that creates a protective shield against uncomfortable stimuli. Its innovative formulation combines a variety of synergistic mechanisms. Calcium and protein precipitates are formed, which tightly seal the dentin tubules.

Relief for many patients
VivaSens offers patients fast relief of the pain associated with hypersensitive teeth. The causes of sensitivity are manifold:
- gingival recession
- tooth whitening
- professional tooth cleaning
- scaling and root planing
- periodontal diseases
- bruxism
- erosion.

Special tip
- The latex-free lip and cheek retractor OptraGate® provides easy access to the oral cavity and teeth.

Benefits for the dental team
- Individual, professional treatment
- Desensitizer for preventive and therapeutic measures
- Satisfied patients

Benefits for patients
- Fast relief of pain
- Increased motivation for oral hygiene
- Long-term tooth preservation

The scientific basis
- VivaSens forms compact precipitates. It coats the entire dentin surface and seals the dentin tubules completely (Al-Saud & Al-Nahedh 2012).

Advantages
- Tight sealing of open dentin tubules
- Optimum flow and wetting behaviour
- Potassium fluoride

Benefits
- Fast relief of pain
- Deep penetration of active substances
- Supplementary protection

Tightly sealed dentin tubules after the application of VivaSens (SEM image, x 3000, Ivoclar Vivadent R&D, 2003)
Skyce®

A touch of glamour

The demand for a beautiful smile is greater than ever. Dental jewellery adds a glamorous touch.

Accentuating a smile
Skyce® tooth jewels are made of crystal glass. They are bonded to the labial surface of natural upper anterior teeth without any invasive preparation. The tooth structure remains intact. Skyce jewels can be removed gently without leaving any visible mark.

Special tip
- Heliobond® or Tetric EvoFlow® is recommended for bonding Skyce

Benefits for the dental team
- An additional service of the practice
- Optional cosmetic treatment
- Coordinated products

Benefits for patients
- Professional treatment with attractive results
- No permanent change to tooth structure
- A glamorous touch

The scientific basis
- The success of this optional cosmetic treatment involving tooth jewellery greatly depends on the good oral hygiene practices of the patient, the high-quality of the materials used and the meticulous work of the dental practitioner (Peschke 2006, Ivoclar Vivadent AG, Schaan, Liechtenstein).

Skyce® – Tooth jewels

Benefits
- Various sizes
- Use of proven adhesive
- Precision cut

Advantages
- Customized jewels
- Adherence of Skyce on teeth
- Sparkling shine

The dental enamel is etched with phosphoric acid
Heliobond adhesive is applied
Skyce is attached to the tooth
Skyce is light cured from all sides

Pictures: Dr A. Peschke, Ivoclar Vivadent AG, Schaan, Liechtenstein
Naturally white teeth – a desire frequently voiced by patients. In order to fulfil this wish, Ivoclar Vivadent offers high-quality materials in light colours: for example, Tetric EvoCeram®, IPS Empress® and IPS e.max®. In addition, VivaStyle® is available for lightening undesirable stains in natural teeth.

Customized solutions

Various treatment options are available in accordance with the diagnosis and the individual patient needs:

- in-office or at-home treatment
- application of various active ingredient concentrations
- Application of a varnish system or a gel
  - varnish system for direct application with a brush
  - gel for application with a custom-made tray.
VivaStyle® Paint On Plus – effective lightening without a tray

**Advantages**
- Varnish system containing 6% hydrogen peroxide
- Fast release of active ingredients
- Provitamin D-Panthenol

**Benefits**
- Controlled application and action on the right spot
- Only ten minutes per application
- Conditioning of the gingiva

Intensive treatments can be undertaken in the dental practice to produce fast whitening results. For this purpose, VivaStyle Paint On Plus is applied several times in succession during one appointment (Mata & Marques 2006).

**Special tip**
- During and after tooth whitening, it is advisable to use Fluor Protector Gel, which contains calcium, fluoride and phosphate.

**Benefits for the dental team**
- Solutions for individual needs
- Clinically proven
- Possibility of introducing further dental services

**Benefits for patients**
- Professionally recommended products
- A range of products for individual needs
- Gentle whitening

**VivaStyle® – the gel-based products**

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Various concentrations for in-office and at-home treatments: 16% and 10% carbamide peroxide*</td>
<td>Solutions for individual needs</td>
</tr>
<tr>
<td>Smooth consistency</td>
<td>Excellent wetting of teeth</td>
</tr>
<tr>
<td>Potassium nitrate</td>
<td>Less sensitivity</td>
</tr>
</tbody>
</table>

*16% | 10% carbamide peroxide corresponds to 5.8% | 3.6% hydrogen peroxide.

**The scientific basis**
- VivaStyle Paint On Plus has been proven to effectively lighten teeth (Mata & Marques 2006).
Professional Care

Quality products and services

Our service to you and your patients:
We are happy to assist you.

You can provide all teeth, be they healthy, restored or artificial, with the care that they need to last a long time. The Professional Care product range will support you in building up a long-lasting relationship with your patients. Special services accompany the Professional Care product range of Ivoclar Vivadent.

We offer you

▶ Information for the dental team
  ▶ brochures
  ▶ flow charts
  ▶ treatment plans
  ▶ study results
  ▶ documentation
  ▶ articles
  ▶ videos
  ▶ presentations

▶ Information for patients
  ▶ brochures and stands
  ▶ articles
  ▶ information cards
  ▶ clips for the waiting room
  ▶ i-Kids materials

▶ Information on education and training

We offer dental professionals a broad range of education and training measures. The dates of upcoming seminars, workshops, trade fairs and other events are provided on www.ivoclarvivadent.com
To satisfy your esthetic dentistry needs, Ivoclar Vivadent offers quality restorative and prosthodontic materials, such as Tetric EvoCeram®, IPS Empress®, IPS e.max® and SR Phonares® II. These products will allow you to fulfil your own personal standards as well as the individual requirements of your patients regarding function and esthetics. Teeth and mouth require professional Oral Health Management solutions to meet these high standards. The Professional Care Program from Ivoclar Vivadent is there to assist you.