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.
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.

Contents

- Healthy mouth
- Healthy teeth
- Healthy gums

Ivoclar Vivadent offers a system of professional solutions.

The programs

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

The patients

- Children and adolescents
- Orthodontic patients
- Implant patients
- Seniors

Ivoclar Vivadent® Oral Health Management

- OptraGate®
  For a full view
- Plaque Test
  Focus on biofilm
- Proxyt®
  Gentle removal of bacterial biofilms
- Fluor Protector
  Superior protection against dental caries and erosion
- Cervitec®
  Individualized protection for at-risk areas
- Helioseal®
  Fissure sealants with power
- VivaSens®
  Multiple protection for sensitive teeth
- Skyce®
  A touch of glamour
- VivaStyle®
  Serious whitening

Ivoclar Vivadent® Services
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).

Plaque Test

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.

Plaque Test renders the biofilm fluorescent and visible.

Advantages
- Selective application
- Only the biofilm glows
- Fluorescent under any curing light

Benefits
- No unsightly staining of the tongue, gums and mucous membrane
- Clear examination results
- Easy to integrate into routine procedures
Focus on individual needs
Proxty® pastes clean effectively and gently. Unnecessary wear of tooth structure or roughening of restoration surfaces is avoided. The Proxty pastes are available in three different abrasion levels:

- Proxty fine
- Proxty medium
- Proxty coarse

With fluoride
Proxty fine
Proxty medium
Proxty coarse
Fluoride-free
Proxty medium

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 Proxty 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 Proxty 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 Proxty 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 Proxty maintains the smoothness of ceramic surfaces (Yazici et al. 2012).

Effects of various fine prophy pastes on nano-hybrid composite resin surfaces after a polishing interval of 5 seconds and 20 seconds respectively
(Sundermann et al. 2011)
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. The at-home application of Fluor Protector Gel enhances the effect of professionally applied protective varnishes.

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 professional application of a fluoride varnish is emphatically recommended by dental organizations.

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.

Fluor Protector

Superior protection against dental caries and erosion

Advantages

- 1,000 ppm fluoride in a homogeneous solution;
- fluoride source: difluoro-silane
- Decades of experience
- Clear, colourless
- Highly effective fluoride varnishes
- Ready for immediate use
- Recommended for sensitive patients
- Comprehensive protection for teeth

Benefits

- For different age groups
- Optimum esthetics
- Long-term clinical success
- Efficient or individualized
- Interruption of the bacterial metabolism
- Conditioning of gingival tissue

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).

Advantages Benefits

<table>
<thead>
<tr>
<th>Fluor Protector – the fluoride varnish with decades of experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advantages</td>
</tr>
<tr>
<td>1,000 ppm fluoride in a homogeneous solution; fluoride source: difluorosilane</td>
</tr>
<tr>
<td>Decades of experience</td>
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<tr>
<td>Highly effective fluoride varnishes</td>
</tr>
<tr>
<td>Ready for immediate use</td>
</tr>
</tbody>
</table>

Advantages Benefits

<table>
<thead>
<tr>
<th>Fluor Protector S – the fluoride varnish in a dispensing tube</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advantages</td>
</tr>
<tr>
<td>7,700 ppm fluoride in a homogeneous solution; fluoride source: ammonium fluoride</td>
</tr>
<tr>
<td>Mild taste and smell</td>
</tr>
<tr>
<td>Dispensing tube or Single Dose units</td>
</tr>
<tr>
<td>Ready for immediate use</td>
</tr>
</tbody>
</table>

Advantages Benefits

<table>
<thead>
<tr>
<th>Fluor Protector Gel – the intensive care gel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advantages</td>
</tr>
<tr>
<td>7,450 ppm fluoride plus phosphate; fluoride source: potassium fluoride Xylitol Provitamin D-Panthenol</td>
</tr>
<tr>
<td>Interruption of the bacterial metabolism</td>
</tr>
</tbody>
</table>

Fluor Protector Gel can be used after professional tooth cleaning as alternative to a fluoride varnish.
Cervitec® gives microorganisms a hard time

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 at risk.

The active ingredient chlorhexidine is capable of minimizing this risk. The chlorhexidine-containing Cervitec products offer individualized in-office and at-home solutions, in terms of the active-ingredient concentration, the delivery form and the application method.

- Cervitec F and Cervitec Plus, the protective varnishes
- Cervitec Gel, the oral care gel
- Cervitec Liquid, the mouth rinse

Cervitec F – Multiple protection in one preparation

**Advantages**
- 1,400 ppm fluoride plus 0.3% chlorhexidine plus 0.5% CPC (cetylpyridinium chloride);
- fluoride source: ammonium fluoride
- High moisture tolerance
- Mild taste

**Benefits**
- Only one application step
- Fluoridation and germ control
- Easy, fast application
- High compliance

Cervitec Plus – Advanced protection for at-risk areas

**Advantages**
- 1% chlorhexidine plus 1% thymol
- Optimum flow and wetting behaviour
- Long-term clinical experience

**Benefits**
- Effective bacterial control
- Treatment of difficult-to-reach areas
- Reliability

Cervitec Gel – mild, effective oral care

**Advantages**
- 0.2% chlorhexidine plus 800 ppm fluoride;
- fluoride source: sodium fluoride
- Smooth consistency
- Mild taste

**Benefits**
- Powerful combination for the application on the gingiva, periimplant tissue, mucous membrane and teeth
- Optimum distribution on complex surfaces
- High level of compliance

Cervitec Liquid – powerful without alcohol

**Advantages**
- 0.1% chlorhexidine plus xylitol plus essential oil
- Alcohol-free
- Pleasant taste

**Benefits**
- Suitable for numerous indications
- Suitable for sensitive users
- High level of compliance

Special tip
- Patients can enhance the effect of the professional treatment with Cervitec F or Cervitec Plus by using Cervitec Gel at home.

Benefits for the dental team
- Customized germ-fighting solutions
- Clinically proven preparations
- Easy to integrate into the treatment regime

Benefits for patients
- Mild taste of all Cervitec products
- Products recommended by dental professionals
- Painless treatment

The scientific basis
- Chlorhexidine varnish can reduce the number of acid-producing bacteria in saliva and plaque (Lipták et al. 2018).
- The management of peri-implant mucositis can be supported by Cervitec Gel (Hallström et al. 2015).

Cervitec Gel application on denture prosthetics

Picture: Dr F. Zimmerling
Ivoclar Vivadent AG, Schaan, Liechtenstein
Fissure sealants with power

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 – the sealant with fluoride

Advantages
- Long-term successful clinical experience with deciduous and permanent teeth
- Tight bond to enamel
- Excellent retention

Benefits
- Reliability
- Long-lasting retention
- Effective protection against caries

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
- Sealants should be an integrated component of caries management plans in the treatment of pits and fissures (Splieht et al. 2009).
Hypersensitive teeth are not only painful, they can also lead to the neglect of oral hygiene.

Exposed cervical surfaces
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 fast relief of the pain associated with hypersensitive teeth. 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).

Skyce®
A touch of glamour

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.

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

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).
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.

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).

VivaStyle Paint On Plus – effective lightening without a tray

<table>
<thead>
<tr>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varnish system containing 6% hydrogen peroxide</td>
<td>Controlled application and action on the right spot</td>
</tr>
<tr>
<td>Fast release of active ingredients</td>
<td>Only ten minutes per application</td>
</tr>
<tr>
<td>Provitamin D-Panthenol</td>
<td>Conditioning of the gingiva</td>
</tr>
</tbody>
</table>

Advantages Benefits

Various concentrations for in-office and at-home treatments:

- 16% and 10% carbamide peroxide
- Smooth consistency
- Potassium nitrate
- Excellent wetting of teeth
- Less sensitivity

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

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

The scientific basis

VivaStyle Paint On Plus has been proven to effectively lighten teeth (Mata & Marques 2006).

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.
The Professional Care Program from Ivoclar Vivadent offers a system of professional solutions.

Oral Health Management

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

<table>
<thead>
<tr>
<th>Recommended treatment</th>
<th>Low Caries Risk</th>
<th>High Caries Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaque accretion</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Targeted recording of case history</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Check-ups</td>
<td>✓ 2x/yr</td>
<td>✓ 4-6x/yr</td>
</tr>
<tr>
<td>Bitewing X-ray for the early detection of proximal lesions</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Restoration of carious lesions</td>
<td>Tetric EvoCeram</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Tetric EvoFlow</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Bluephase</td>
<td>✓</td>
</tr>
<tr>
<td>Reconstruction</td>
<td>IPS Empress</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Variolink II</td>
<td>✓</td>
</tr>
<tr>
<td>Removal of plaque retention sites</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Protection of exposed senscals</td>
<td>VivaSens</td>
<td>✓</td>
</tr>
<tr>
<td>Fissure sealing</td>
<td>Heliosal</td>
<td>✓</td>
</tr>
<tr>
<td>Topical fluoride application</td>
<td>Floor Protector</td>
<td>✓ 2x/yr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4-6x/yr</td>
</tr>
<tr>
<td>Motivation and instruction for oral hygiene improvement</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Professional tooth cleaning</td>
<td>Proxy, OptiGate</td>
<td>✓</td>
</tr>
<tr>
<td>Topical application of chlorhexidine</td>
<td>Cervitec F, Cervitec Plus</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Cervitec Gel</td>
<td>✓</td>
</tr>
<tr>
<td>Nutrition counselling</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

Measures

- Dentifrice containing fluoride                           | ✓                |
- Cleaning of interdental spaces                           | ✓                |
- Rinsing solution or gel containing fluoride              | Floor Protector Gel | ✓ |
- Preparations with chlorhexidine                         | Cervitec Gel, Cervitec Liquid | ✓ |
- Preparations with bicarbonate                           | ✓                |
- Balanced diet                                            | ✓                |
- Hard-to-chew food                                        | ✓                |
- Sweets and chewing gum with sugar substitute            | Wrigleys ORBIT | ✓ |
- sugar substitute                                         | sugarfree dental chewing gum | ✓ |