PREVENTIVE DENTISTRY

Straumann® Next Generation Dentistry
Next Generation Dentistry: Take a holistic approach with innovative solutions that enable preventive dentistry.

If given the option, we all prefer prevention over treatment. Thanks to new approaches in dental healthcare, dental professionals can give patients the choice. They can take a more holistic, patient-centered approach and offer cutting-edge solutions to prevent disease, restore tooth health and enhance esthetics – irrespective of a patient’s age, lifestyle, or medical history. All this is possible with Next Generation Dentistry from the Straumann Group.

SET YOUR PRACTICE APART
Take a holistic, patient-centered approach and provide smart esthetic solutions.

INCREASE CHAIR TIME VALUE
More treatments in less time with products that support your workflows.

DIVERSIFY YOUR PATIENT BASE
Offer treatment options for special patient groups and cover new profiles.
Next Generation Dentistry portfolio

A comprehensive solution that goes beyond traditional dental technologies.

<table>
<thead>
<tr>
<th>Caries</th>
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<tbody>
<tr>
<td>Digital diagnostics for early caries detection</td>
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<tr>
<td>Biomaterials for enamel remineralization and regeneration</td>
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<td>Caries dentin removal with less drilling</td>
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<thead>
<tr>
<th>Implant solutions</th>
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<tr>
<td>Training: Straumann® Smart equips dentists to successfully begin placing and restoring dental implants in straightforward cases</td>
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<tr>
<td>Placement: Straumann® Mini Implant System for an immediate removable fixation of overdentures</td>
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<table>
<thead>
<tr>
<th>Digital workflows and services</th>
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<tr>
<td>Cost-effective, efficient, and easy-to-use solutions for intraoral scanning and in-house milling</td>
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</table>
Ortho Invisible and removable orthodontic solutions

Periodontitis and peri-implantitis
- Digital and in-vitro diagnostics for periodontitis/inflammation detection
- Solutions for effective biofilm removal
- Promotion of periodontal and peri-implant health
- Enhancement of scaling and root planing with a unique reagent and visual aid
- Supports periodontal regeneration without surgery

Professional teeth whitening
- Peroxidase-free teeth whitening

Ortho
- Invisible and removable orthodontic solutions

Prosthetic solutions
- Tooth- and implant-supported prosthetic solutions, from chairside to the Straumann’s centralized production services
- Straumann® nice® fully crystallized glass-ceramic for enhanced esthetics
The clever alternative to “drill & fill” caries treatment.

### EARLY-STAGE CARIES DETECTION AND TREATMENT

<table>
<thead>
<tr>
<th>HEALTHY TOOTH</th>
<th>EARLY CARIES</th>
<th>EARLY TO ESTABLISHED CARIES</th>
<th>ESTABLISHED TO SEVERE CARIES</th>
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</thead>
<tbody>
<tr>
<td>Code 0</td>
<td>Code 1</td>
<td>Code 2</td>
<td>Codes 3–4</td>
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- Maintain dental hygiene
- Professional tooth cleaning
- Improve hygiene
- Fluorides
- Drill and fill if necessary

### DISEASE AND ICDAS CODE

- HEALTHY TOOTH
- EARLY CARIES
- EARLY TO ESTABLISHED CARIES
- ESTABLISHED TO SEVERE CARIES
- Code 0
- Code 1
- Code 2
- Codes 3–4

### STAGED WORKFLOW

- Maintain dental hygiene
- Professional tooth cleaning
- Improve hygiene
- Fluorides
- Drill and fill if necessary

### ADDITIONAL STRAUMANN SOLUTIONS

- **SOPROCARE®**
  - Intraoral camera to detect periodontal/inflammatory lesions and caries decay

- **SOPROLIFE®**
  - Intraoral camera to detect caries lesions and decay
  - Can be used to aid in diagnosis, treatment, follow-up and patient education

- **CURODONT™ REPAIR**
  - Non-invasive early caries treatment
  - Stops incipient caries by initiating formation of new enamel. The enamel structure is re-mineralized to the bottom of the defect, preserving the tooth
  - Easy to use
  - Pain free

- **CARISOLV®**
  - Caries dentin removal without affecting healthy dentin
  - Softens decay so that caries tissue can be removed with a hand scraper or slow ceramic drill, partially replacing the conventional drill step

- **Straumann® Prosthetic Solutions**
  - Tooth-supported
  - Implant-supported
DISEASE AND ICDAS CODE

HEALTHY TOOTH
EARLY CARIES
EARLY TO
ESTABLISHED CARIES
ESTABLISHED TO
SEVERE CARIES
TOOTH LOSS

STAGED WORKFLOW

• Maintain dental hygiene
• Professional tooth cleaning
• Improve hygiene
• Fluorides
• Drill and fill if necessary
• Drill and fill
• Prosthetics (tooth-supported)
• Endodontic treatment
• Antibiotics
• Prosthetics (tooth-supported)
• Surgery
• Implants
• Prosthetics (implant-supported)
• Antibiotics
• Prosthetics (implant-supported)
• Surgery
• Implants
• Prosthetics (implant-supported)
• Endodontic treatment
• Antibiotics
• Prosthetics (tooth-supported)

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Straumann® Prosthetic Solutions (tooth-supported)

Straumann® Implant Solutions

Straumann® Prosthetic Solutions (implant-supported)
Detection and treatment solutions for periodontitis and peri-implantitis.

### Disease Stages

<table>
<thead>
<tr>
<th>Healthy</th>
<th>Gingivitis</th>
<th>Mild, moderate and severe periodontitis</th>
<th>Tooth loss</th>
</tr>
</thead>
</table>

### Treatment

**Non-surgical**

#### Non-surgical treatment workflow

<table>
<thead>
<tr>
<th>DIAGNOSIS</th>
<th>MANAGEMENT OF SYSTEMIC CONDITIONS</th>
<th>MECHANICAL CLEANING</th>
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</thead>
</table>
| • Visual inspection  
• X-ray  
• Probing | • Diabetes control  
• Smoking cessation | Supragingival cleaning with or without subgingival cleaning using  
• Scalers and curettes  
• Ultrasonic scalers  
• Lasers  
• Airflow |

### Staged Workflow

#### Additional Straumann Solutions

- **SOPROCARE®**
  - Periodontitis/inflammation detection

- **PerioSafe®/ImplantSafe®**
  - Chairside in vitro diagnostic test kit for the early detection of periodontitis before clinical signs appear

- **ORALyzer®**
  - Easy-to-use digital reader for more precise quantitative results

- **DeVA-1™**
  - Micro-endoscope for subgingival visualization during scaling and root planing procedures (SRP)
BIOFILM REMOVAL | ANTI-INFLAMMATORY TREATMENT | REGENERATIVE TREATMENT | MAINTENANCE
--- | --- | --- | ---
Cleaning reagents  
- Iodine  
- Sodium hypochlorite  
- Chlorhexidine  
- Polyhexanide | Nowadays, antibacterial treatments are mainly used:  
- Antibiotics  
- Chlorhexidine chips  
- Ibuprofen | Non-surgical or surgical | Repeat workflow  
- Home care  
- Recall

<table>
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<tr>
<th>CLEANING REAGENTS</th>
<th>ANTI-INFLAMMATORY TREATMENT</th>
<th>REGENERATIVE TREATMENT</th>
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- Recall

Clinplant® Gel  
Helps to remove dental plaque/biofilm and prevent gingival inflammation

Clinplant® Floss  
Interdental brush loaded with Clinplant® Gel

AIRFLOW® Prophylaxis Master, AIRFLOW® One, AIRFLOW® Powders  
Effective removal of plaque and biofilm

PerioPatch®  
Topical patch containing botanical ingredients for gingival repair

Emdogain® FL  
Gel applied subgingivally for regeneration of tooth support

PerioSafe®/ImplantSafe®  
In vitro test kit for treatment follow-up and maintenance

Clinplant® Floss  
Interdental brush loaded with Clinplant® Gel

AIRFLOW® Prophylaxis Master, AIRFLOW® One, AIRFLOW® Powders  
Effective removal of plaque and biofilm

PeriACTIVE®  
Mouth rinse containing botanical ingredients to promote gingival healing and reduce plaque formation

PeriPatch®

PeriACTIVE®
### Esthetic treatment options

<table>
<thead>
<tr>
<th>TEETH WHITENING</th>
<th>ORTHODONTIC TREATMENT</th>
<th>MAINTENANCE</th>
<th>TOOTH-SUPPORTED PROSTHETICS</th>
<th>TOOTH EXTRACTION &amp; IMPLANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y10</td>
<td>Clear Aligners</td>
<td>SmileTrack</td>
<td>Straumann® Prosthetic Solutions and materials</td>
<td>Straumann® Regenomer</td>
</tr>
<tr>
<td>Low-power radio-frequency teeth whitening. Painless and peroxidase-free.</td>
<td>Removable transparent synthetic aligners that straighten teeth more comfortably and discreetly than traditional metal braces.</td>
<td>Transforms your patient’s smartphone into a remote scanning device for tracking oral health.</td>
<td>Straumann® Prosthetic Solutions and materials (implant-supported)</td>
<td>Wound dressing and extraction socket filler</td>
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**SmileTrack**
Transforms your patient’s smartphone into a remote scanning device for tracking oral health.
Order via e-shop
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