Advanced individual solutions for esthetic prosthetics
<table>
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<tr>
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<th>ANKYLOS® Balance Anterior C/ and Posterior C/</th>
<th>ANKYLOS® CERCON® Balance C/</th>
<th>ANKYLOS® Regular C/X</th>
<th>ANKYLOS® Balance Base Abutment C/ narrow + CAD/CAM-structure</th>
<th>ANKYLOS® TitaniumBase</th>
<th>ANKYLOS® Custom Abutment by Compartis®</th>
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<tr>
<td>Fabrication</td>
<td>Laboratory</td>
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<td>Laboratory or Compartis® or Compartis®</td>
<td>For CAD/CAM-technology</td>
<td>With Cercon® or Compartis®</td>
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<td>Process</td>
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<td>Customizing</td>
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<td>Indications</td>
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<td>Occlusally screw-retained bars and bridges</td>
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<td>Region</td>
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Please follow the instructions for use for each product.

* Posterior titanium only
When prefabricated solutions reach their limits

Sometimes difficult patient situations demand specialized techniques. Whenever “conventional” solutions, that is, grinding prefabricated components, do not achieve the optimal esthetic result, individual abutments show their full potential. So, they may be a better response to the patients’ high esthetic demands.

The patient-individual solution:

DENTSPLY Friadent offers two new solution approaches you can select according to your personal preference:

- The DENTSPLY Friadent individual abutment concept consisting of TitaniumBase and ScanBase, which enables the manufacture of highly individual, highly esthetic ceramic abutments with metal cores.
- Custom Abutments by Compartis®, which are centrally fabricated to your specifications from one piece by Compartis® Network Production.

These two solutions make it markedly easier to adjust the prosthetic abutment design precisely to the individual shape of the finished crowns and bridges.
The foundation for perfect patient-individual esthetics: ANKYLOS® TitaniumBase

With the individual abutment ANKYLOS® TitaniumBase by DENTSPLY Friadent, the dental technician is able to manufacture esthetically high-quality ceramic abutments with titanium cores. These allow for the fabrication of highly individual restorations that are as close as possible to the natural esthetics of the anterior and posterior regions.

Precision and individuality
ANKYLOS® TitaniumBase abutments provide the security of a prefabricated titanium TissueCare taper connection combined with a highly individual porcelain abutment design. For an optimal prosthetic result, the ANKYLOS® TitaniumBase is provided with two flattened sides forming a rotation lock.

Uncomplicated processing, regardless of software and equipment
Scanning in the abutment geometry is simplified with the aid of ANKYLOS® ScanBase. This can be used with all common dental scanners. Thanks to its analog scan design, you don’t need to use scan spray or powder in this step. The individually waxed-up abutment model is created virtually using the double scan technique and is milled in ceramic.

Controllable, highly esthetic result
Each work stage for a perfect overall prosthetic result is controlled by the dental technician. The individual section of the abutment is waxed-up by hand, without the need for design software. With the glueing of the titanium core to the ceramic outside the patient’s mouth, adhesive residues can be removed without difficulty. For easy shaping of a customized emergence profile, the TitaniumBase can be used as a customized gingiva former after uncovercy of the implant.
Step-by-step to a patient-individual, highly esthetic solution

1 | Waxing-up
Design of the individual abutment shape on the ANKYLOS® TitaniumBase using modeling wax or synthetic material.

2 | Scanning
Scanning the individual abutment cast using the double scan technique.

3 | Milling
Constructing the individual abutment from ceramic with the aid of the appropriate milling machine.

4 | Bonding
Glueing the individual abutment to the TitaniumBase and finishing the coping (framework).

5 | Delivery
The finished crown is passed on to the practitioner for delivery.

ANKYLOS® TitaniumBase

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ANKYLOS® ScanBase

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Technical Presentation and Images:
MDT B. Roland, Klein-Winternheim/D
Centrally fabricated individual one-piece CAD/CAM-abutments: 
**ANKYLOS® Custom Abutments by Compartis®**

**ANKYLOS® Custom Abutments by Compartis®** provide the optimal foundation for the highest degree of individuality thanks to the application of a CAD/CAM-system. The entire abutment is fabricated by Compartis® based on the scanned data from the laboratory.

**Maximum flexibility and precision**

The angulation and shape of the abutment can be designed as desired as far as the technical specifications of the material will allow. The Cercon® art software will support you in this. The TissueCare connection is milled later on, for a perfect fit in accordance with the original dimensions. The screw is lasered in using the original technique.

**Natural esthetics**

You can select ANKYLOS® Custom Abutments fabricated from titanium or zirconium oxide. The zirconium oxide abutments are supplied in the same colors as the CERCON® Balance C/ abutment.

**Optimized soft-tissue management**

The ANKYLOS® Custom Abutment emergence profile can be designed individually. Hence, the soft-tissues can be shaped using the Custom Abutment and so achieve a high soft-tissue stability.

**No adjustments required**

Abutments centrally milled in accordance with the patient data require no reworking. They can be processed further, right in the laboratory and incorporated directly into the patient’s mouth.

Photos: Carsten Fischer, MDT, Frankfurt am Main/D
Step-by-step to an individual highly esthetic solution with ANKYLOS® C/X Custom Abutments by Compartis®

1 | Dentist
Impression
The essential first step for a successful restoration is an absolutely accurate impression (e.g. with Aquasil). The pick-up technique is recommended.

2 | Dental laboratory
Model and wax-up
The laboratory prepares the saw cut model and wax-up based on the impression.

3 | Dental laboratory/Compartis®
Scanning with Cercon® eye
The master model and wax-up data are scanned by the Cercon® eye scanner.

4 | Dental laboratory/Compartis®
Designing with Cercon® art
Using the software, you can design the ANKYLOS® C/X Custom Abutments individually. Only the connection geometry is preset.

5 | Compartis®
CAM-production
The production order is sent to Compartis® with one click. Your ANKYLOS® C/X Custom Abutments are milled from zirconium oxide or titanium with the highest precision.

6 | Dental laboratory
Fabrication of the crown/bridge
After receiving the abutment, the crown or bridge is fabricated in the laboratory.

7 | Dentist
Delivery
The patient-individual abutment and the crown/bridge are delivered in the standard procedure.

Connection geometry | Material | Indication
--- | --- | ---
ANKYLOS® C/ | Titanium | •
ANKYLOS® C/ | Zirconium oxide | •
ANKYLOS® /X | Titanium | •

XiVE® Custom Abutments by Compartis® are also available.

For more information on Cercon® eye/art and Compartis®, please contact your local distributor.
Some products may not be available in all countries. Please contact your DENTSPLY Friadent representative to obtain up to date information on the product range and on availability.

Order no. 6-252067/001

Manufacturer in accordance with EC Directive 93/42/EEC:

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for Class I Devices

\textbf{CE} 0123 for Class IIa, IIb, III Devices

Custom Abutments by Compartis®, Cercon® eye/art:

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