



Straumann® CARES® Abutment CoCr (straight & AS)
Uncompromising quality.
Efficient use.

Customized and directly veneerable.

CARES® Abutments made of cobalt-chromium in uncompromising Straumann® quality.



Screw-retained one-piece abutment for use in your standard procedures.

Straumann® CARES® Customized Abutments are available as straight or as Angled Solution (AS). They provide you with the foundation for exceptional restorative results. Optimal design flexibility combined with high precision standards ensure a customized shape with an individual emergence profile created according to the patient-specific situation. The result: Customized abutments for high esthetic outcomes.

With the Straumann® CARES® Abutment CoCr (cobalt-chromium) you have an additional material option in reliable Straumann® quality for direct veneering procedures.

coron® - uncompromising CoCr material for a lasting restoration

The material base of Straumann® CARES® Abutment CoCr is the well-known and proven cobalt-chromium alloy called coron®. Within the Straumann® CARES® portfolio it has already proven effective for crowns, cemented and screw-retained bridges and bars for several years. Developed based on the uncompromising Straumann® quality standards, coron® offers a veneering procedure comparable to noble casting alloys for easy processing.

Efficient use

No further investments are necessary. CARES® Abutments CoCr can be veneered with standard veneering porcelain

using your standard workflow. Only one scan is needed to design the abutment and anatomic shape.

Esthetic - Straumann® CARES® Abutment CoCr AS

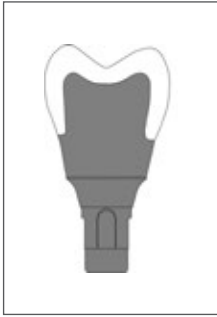
The angled solution allows you to tilt the screw channel by up to 30°. This helps further optimize the esthetic and functional outcomes of the restoration. The small screw channel diameter leaves more space for the restoration and reduces the risk of chipping.

Reliable: Straumann® Original on Original

Cobalt-chromium is a frequently used material in the dental industry. With the CARES® Abutment CoCr you have an original Straumann® abutment for the digital workflow. Its implant connection is designed to provide a perfect and lasting fit on Straumann® implants.

When cobalt-chromium is processed, an oxide layer forms. The following instructions explain the processing and how to easily remove this layer.





The preconditions for the procedure described below are the preparation for CARES® Visual and the designing of the restoration according to the Straumann® CARES® Visual design software (for detailed information see brochure 152.822, section 3 and brochure 152.825).

Notes:

- During the design of the restoration, the screw channel can be tilted by up to 30° in all directions
- When planning in CARES® Visual please observe a minimal wall thickness of 0.4 mm of the veneering porcelain.

Step 1: Check fit of the abutment and prepare for veneering

- After delivery of the milled abutment, check the customized abutment on your master model (fit, orientation, design)
- Screw the abutment into the polishing aid to protect the implant-abutment interface
- Sandblast the area that has to be veneered with aluminum oxide and clean this area afterwards with steam

Note: Do not sandblast the connection with aluminum oxide! Protect the connection with polishing aid.

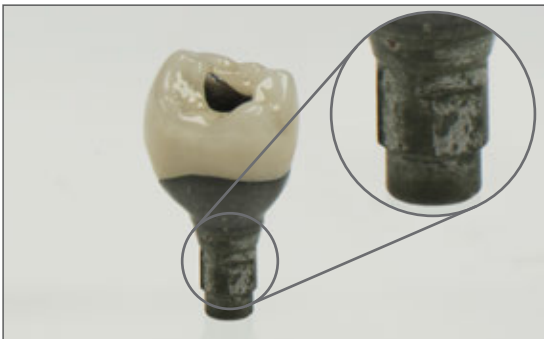
Step 2: Veneer crown

- Fabricate a ceramic screw-retained crown
- Use a veneering ceramic that is compatible with the thermal expansion coefficient ($14.3 \times 10^{-6} \text{ K}^{-1}$) of the Straumann® CARES® CoCr Abutment
- For this step, the processing instructions of the respective veneering material/manufacturer apply
- Protect the connection with the polishing aid and polish the emergence profile

Note: Particular attention must be given to an even layer thickness of the porcelain veneered on the abutment.

Excursus: Removal of the oxide-layer

During firing, the CoCr abutment forms an oxide layer at the implant-abutment interface. This has to be removed to ensure the perfect fit of the abutment on the implant.



Perform indirect sandblasting of the implant-abutment interface with glass beads, 50µm/2 bar to remove the oxide layer.



Step 3: Prepare for delivery to the dentist

Clean the abutment and screw it hand tight on the master cast before sending it to the dentist

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