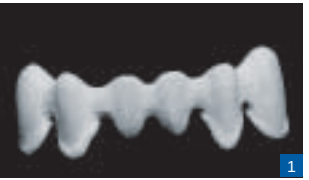
Compartis®

Finishing notes

CoCr

Tips and tricks for finishing Compartis CoCr frameworks

When working with Compartis CoCr frameworks, make sure to consult the most recent Compartis instructions for use.



The Compartis CoCr framework is delivered sandblasted using 250 µm corundum at 3 bar.

Bridge as delivered

The following finishing procedure is recommended:
* The internal surfaces of the crowns are not finished. Small weld beads will still be attached to the internal surfaces that can be removed with a round bur, a pear-shaped cutter or a diamond-coated spherical cutter.

Removing weld beads

Caution: If the pressure exerted is too high, there is a risk that the crown may no longer fit tightly, causing the framework to rock – a problem that cannot be corrected once it has manifested itself.

Reducing the collar in chamfer preparations

In the case of a pronounced chamfer preparation, a slightly elongated crown may result in a narrow collar located above the preparation margin. This collar must be reduced before attempting to fit the framework on the cast.
The chamfers, parts of which run in a horizontal direction, may contain weld beads that must be meticulously removed.

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Finishing the crown margin


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The crown margin is slightly overcontoured and can be adjusted and given a tapered edge using a cutter for non-precious metals or a suitable polishing stone.
* After trial seating of the individual crowns, the overall fit of the bridge may be checked and adjusted as necessary to gradually obtain a perfect fit using Fitchecker, Artispray etc. as needed.


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Caution: Frameworks are fabricated as designed within Cercon art. This is particularly true of the connectors and the basal surfaces of the pontics, where some finishing and polishing may be required if the smoothing function of Cercon art was not used during the design phase.

* Before veneering, sandblast the framework one more time, especially where finishing has taken place. Use 250 µm alumina at approximately 3 bar – or possibly at lower pressure to protect the margins from damage. Clean the framework thoroughly with water and steam.

* Oxidation is not required prior to ceramic firing, since oxidation will have been performed before the framework was shipped.

* Use the special firing programs designed for non-precious metals.

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