General instructions
Cementation of a zirconia crown

Required tools and materials
- Sand blaster (aluminium oxide: grain size 110 μm, 3.5 bar)
- Swab
- Tool for removal of excess cement
- Steam cleaner
- Etching gel*
- Light curing lamp
- Dry and oil-free compressed air ISO/DIN 7494-2:2014-03
- Universal primer*
- Gycerine gel*
- Universal bonder*
- Adhesive cement of the latest generation or glass ionomer cement*

* ATTENTION! Please follow respective instructions from the manufacturer! Differences are possible due to simplified process descriptions.

1. Pre-treatment/cleaning of the zirconia crown

1. Sand blast with aluminium oxide (110 μm, 3.5 bar)
2. Steam clean
3. Dry with compressed air
4. Apply the bonder*
5. Remove excess with compressed air
6. Allow 60 s drytime

2. Pre-treatment/cleaning of the prepared teeth

1. Clean and protect the mucosa with a cofferdam
2. Apply the etching gel* (37% phosphoric acid)
3. Remove carefully with water and suction
4. Apply the primer and let it dry (30 s)

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3. Crown cementation

1. Adhesive cement of the latest generation or glass ionomer cement
2. Push down firmly and remove excess cement
3. Polymerise (2 s) and remove excess cement
4. Apply the glycerine gel*
5. Polymerise around the crown (120 s)
6. Wash away excess glycerine gel

Recommendation for the preparation of the teeth:
- Clean the teeth and remove plaque. Protect mucosa.

All information is subject to change. Errors and omissions excepted. Version: 01/03/2019