

Process steps

for the manual processing of dental transmission instruments (acc. to SOP)

- semi-critical B -

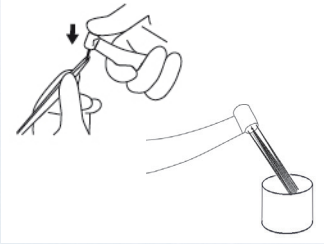
1



Take protective measures against possible infections

- During the manual processing always wear protective gloves as well as face mask and protective glasses
- Observe national regulations and guidelines (ISO 17664, RKI, etc.)
- Follow manufacturer's instructions of the cleaning and disinfection products

2



Remove burrs and grinding instruments

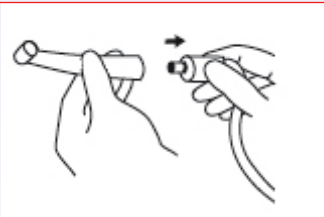
- Take the burrs out of the collet chuck, for this purpose a pair of forceps, protecting from injuries, is suitable.
- Put the burrs into a suitable cleaning/disinfection solution. Follow manufacturer's instructions for the maintenance steps.
- Flush the transmission instrument for 20 sec. with procedural water.

3



- Completely remove gross contamination with a non protein-fixing disinfection wipe, e.g. with MinutenWipes or a lint-free Tork wipe soaked in MinutenSpray-classic.

4



Take transmission instruments off the supply hose

- Take turbine off the quick connector
- Remove contra-angle/hand piece from the ISO coupling of the motor.

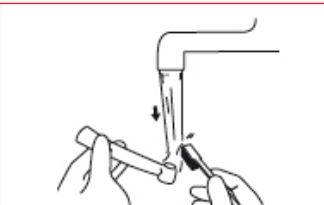
5



Contamination-protected transport

to the preparation area

6



External pre-cleaning (at the preparation area)

- Pre-cleaning of turbines, contra-angles and hand pieces under running cold water for **approx. 10 seconds**
- Remove visible contaminations with an appropriate soft **plastic brush**.



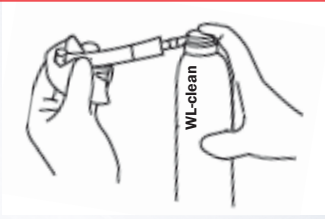
Do not soak in disinfection baths and do not clean in ultrasonic devices.

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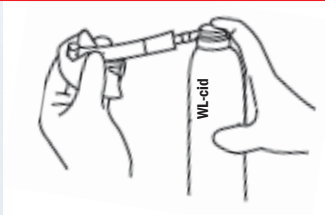
7 Cleaning with WL-clean (inside and outside)



Non protein fixing internal cleaning with WL-clean and external cleaning with a wipe soaked with WL-clean (MaxiWipes reel/Tork wipe Premium Special) or CleanWipes

- Plug suitable ALPRO-adapter type „G“ onto the WL-clean can
- Plug the instrument at its drive end onto the adapter
- Spray the instrument **3 x 2 seconds** (solution has to come out visibly)
- Take the instrument off the adapter and put it down
- Let the cleaner **take effect for 1 minute**

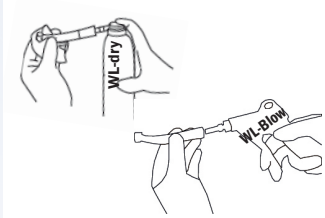
8 Disinfection with WL-cid (inside and outside) bactericidal, mycobactericidal, fungicidal, virucidal



Internal disinfection with WL-cid and external disinfection with a wipe soaked with WL-cid (MaxiWipes reel/Tork wipe Premium Special)

- Plug suitable ALPRO-adapter type “G” onto the WL-cid can
- Plug the instrument at its drive end onto the adapter
- Spray the instrument for at least **2 x 3 seconds** (solution has to come out visibly)
- Take the instrument off the adapter and put it down
- Let the disinfectant **take effect for 5 minutes**

9 Blowing out with WL-dry/WL-Blow



- Plug suitable ALPRO-adapter type “G” onto the WL-dry can/WL-Blow (compressed air gun)
- Plug the instrument at its drive end onto the ALPRO-adapter type “G”
- Blow out the instrument for at least **2 x 3 seconds**
- Take the instrument off the adapter and put it down

10 Control

Visual inspection

- Cleanliness
- Integrity

11 Maintenance



- Maintain/oil according to manufacturer’s instructions

12 Delivery to the clean side

- for further processing acc. to risk assessment, thermal final treatment acc. to local directives

13 Release

Note: For the process validation of the steps installation-, operating- and performance qualification for surfaces that cannot be visually controlled (hollow bodies) a quantitative protein detection test must be performed at least once a year.

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