

# Processing instructions for reusable medical products

## Products

All oscident GmbH reusable dental instruments placed on the market. Instruments from oscident GmbH are supplied non-sterile and must, therefore, undergo the entire processing procedure before first use and after each use.

## Warning

Restrictions on reprocessing. Frequent reprocessing has minimal effect on the instruments. The end of the product service life is normally determined by wear and damage due to use. Generally, the products should be disinfected and cleaned immediately after use, if possible, to avoid blood residue drying. This would make the instruments very much more difficult to clean. Blood residues can be carriers of Creutzfeldt Jakob agents.

## Instructions

Mechanical processing in automatic cleaning and disinfection machines

- Disinfect and clean instruments as soon as possible after use
- Arrange instruments correctly
- Water inlet temperature should not exceed 45°C
- Use only suitable cleaning and disinfection agents. Follow the manufacturer's specifications for dispensing, reaction time and temperature!
- Ensure instruments are thoroughly rinsed to remove all residues from the cleaning process
- Remove instruments immediately from the machine after the programme has ended - do not leave in the machine overnight! Oscillating instruments are only partially suitable for mechanical processing. The preferred option is processing in an ultrasonic cleaner or immersion solution.

## Cleaning: automatic

same as "Mechanical processing in automatic cleaning and disinfection machines", see above.

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## Cleaning: manual

equipment: cleaning agents and brush (never use metal brushes), clean under running water.

1. Rinse off surface contamination from the instrument.
2. Apply cleaning agent to all surfaces using a brush. Ensure that jointed instruments are cleaned both in the open and closed position. Particular care should be taken when cleaning areas difficult to access such as locks, slits etc.
3. Hold the instrument under running water until all residues of cleaning agents and visible surface contamination are removed. It is recommended to use demineralised water for the final rinse.

## Maintenance, control and testing

- Oil hinges and joints of instruments using a paraffin-based lubricant before function testing.
- Check the ease of movement of jointed instruments. Test the function of locking mechanisms.
- Visually check all instruments for damage and wear.
- Sort out and discard defective, blunt instruments.

## Preparation for sterilisation

- Single use of a standard packaging material.
- Arrange sets and instruments in the appropriate trays. Pack jointed instruments in the open position. The bags should always be large enough for the instrument/tray, so that there is no pressure on the seal.

## Sterilisation

Sterilisation should be completed using validated moist-heat sterilisation processes in accordance with the DIN EN ISO standard. The sterilisation date and sterile batch / LOT should be documented on the packaging.

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## Storage

Observe the type of packaging and appropriate storage times for the storage location according to guidelines recommend in DIN 58953.

## Note

The processor bears responsibility for ensuring that the actual processing carried out with the equipment, materials and personnel used in the processing facility achieves the required result. This requires validation and routine monitoring of the process. Any deviation from the instructions provided should also be carefully assessed by the processor for its efficacy and any possible adverse effects. Note the recommendation of the Robert-Koch-Institute published in the Bundesgesundheitsblatt 4-2006 (German Federal Health Gazette) and any regulations that must be taken into consideration with regards to processing.

## Additional information

Further information on processing reusable medical products is available in the yellow brochure of the Arbeitskreis Instrumenten-Aufbereitung (AKI guidelines [Instrument Reprocessing Working Group]). "Instrument Reprocessing In Dental Practices How To Do It Right".