DESINFECTION AND MAINTENANCE OF SUCTION SYSTEMS

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DISINFECTION AND CLEANING OF SUCTION SYSTEMS
DÜRR suction system-disinfection agents are highly effective preparations for the simultaneous disinfection, deodorizing, cleaning and care of all dental suction systems as well as spittoons and are suitable for all amalgam separators. Carefully chosen cleaning components achieve an intensive, material and environmental protective, foam-free care. For this, please observe the Instruction for use of the relevant disinfection agent.

Disinfection- and cleaning preparations for suction systems

**OROTOL care system** …… 0780-300-00
- For the through suction of OROTOL Ultra, OROTOL Plus, OROTOL or MD 555

**OROTOL Ultra** ………… 0700-075-00
- Basic set with 2 x 500 gr Orotol Ultra, 1 Storage container, 1 measuring jug, 1 dosage spoon

**OROTOL Ultra** ………… 0700-075-50
- Refill pack with 8 x 500 gr

**OROTOL Plus** ………… 0700-074-00
- Pack size: 4 x 2,5 l

**OROTOL** ………… 0700-072-00
- Pack size 4 x 2,5 l

**OROTOL** ………… 0700-090-00
- 10 l - canister

**MD 555** ………… 6000-072-00
- Special cleaner for suction systems
  Pack size: 4 x 2,5 l

**MD 550** ………… 6000-070-00
- Spittoon bowl cleaner
  Pack size: 6 x 750 ml.

The cleaning and disinfection preparations are only obtained in specific countries.

- OROTOL Plus, OROTOL Ultra
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- OROTOL Plus, OROTOL Ultra
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- OROTOL, OROTOL Ultra
CARE OF SUCTION SYSTEMS

Please also observe Hygiene plan for Dental Practices according to UVV VBG 103.

After each treatment

For hygienic and functional reasons, aspirate one glass of cold water through the large and small suction hose - even if only the small suction hose has been used.

During aspiration with the large suction hose a large amount of air is aspirated which considerably enhances the cleaning effect.

Each day before lunch-break and after Surgery closes

the suction system must, through aspiration of a suitable disinfection and cleaning agent such as OROTOL, be disinfected and cleaned.

Before disinfecting, rinse the suction system with water. Do not use foaming agents such as household cleaners or instrument disinfection agents!

Most separator systems and amalgam separators on the market are sensitive to foam. Foaming agents can lead to a malfunction of the suction system.

Additional Care Combi Separator

- Switch on spitoon bowl rinse and press key 1 for at least 2 secs., so that the connection between spitoon bowl and Combi-Separator is aspirated through.
- Pour 1 litre of prepared disinfection solution into the spitoon bowl, during which the drain between the spitoon bowl and the Combi-Separator is cleaned and disinfected. Afterwards press key 1 again so that the drain line is sucked empty again.

Using MD 555

With problematical tap water (e.g. high water hardness, difficult to dissolve salts etc.) as well as unfavourable inclined drainlines, we recommend additionally the regular use of MD 555 (Special cleaner for suction systems).

To be used once or twice a week, e.g. before the lunch break. The optimal effect during a 1 - 2 hr. activity time. Afterwards rinse the suction system with water.

Disinfect the suction system with Orotol only after completing the 1 - 2 hr. session with MD 555.
CLEANING OF SUCTION SYSTEMS IN CONNECTION WITH A SPITOON BOWL VALVE

The spittoon valve is fitted into the Dental Unit when the spittoon and suction are connected to a common suction line and through it the waste can be disposed of via an amalgam separator.

- Switch on bowl rinse.
- Press cleaning key (7) and keep it pressed down until the bowl rinse has switched off. During this time the connection between spittoon and spittoon valve is cleaned with water.

The cleaning effect in the suction line is improved during this procedure if additionally the large suction hose is taken out of the holder, thus aspirating a larger amount of air in the suction line.

- Afterwards pour a suitable disinfection and cleaning agent into the spittoon and whilst doing this keep the cleaning key (7) pressed down.

Cleaning filter at spittoon valve

The spittoon valve (8) is fitted with a safety filter (9). This prevents larger tooth particles etc. getting into the suction line.

We recommend to clean or change the safety filter at least once a month.

- Before taking out the filter (9) press the cleaning key (7), so that the container is emptied when taking out the filter and no fluid runs out of the spittoon valve.

Please note that the filter can contain amalgam particles which must be lawfully disposed of, e.g. emptied into the collection container of the amalgam separator.
ADVICE FOR DÜRR CLEANING BOWL

Observe prior to the 1st. cleaning and disinfection:
Position inserts for the reception of the large suction hose (2) and the saliva ejector hose (1) in the Orotol cleaning bowl.

Using the DÜRR Cleaning bowl
Please observe the different steps during Desinfection and Cleaning

- Rinse the suction system by aspirating cold water.
- Disinfection and cleaning agents should be mixed according to the "Instructions for use" on the package or accompanying leaflet.
- Pour the Disinfection and Cleaning agent into the Orotol cleaning bowl.
- Push all suction hoses, if necessary with help of adaptors, onto the inserts on the Orotol Cleaning bowl.

The cleaning and disinfection procedure is finished when the cleaning bowl is completely emptied by aspiration.

Adaptor
Insert for large suction hose .................. 0780-300-02
Insert for spit-cup hose .......................... 0780-300-05
Universal insert - small suction hose ............... 0780-300-10
APPLICATION OF THE DÜRR
OROCUP

One litre of solution is needed to clean and disinfect one suction unit. The OroCup can hold two litres of working solution. The spare litre of solution can be used, for example, on another treatment position or for cleaning the mouthwash basin.

- Unscrew cap and, according to requirements, fill with either one or two litres of water. (Refer to disinfectant for correct temperature).
- Add the specified dose of disinfectant (see container details) and screw cap shut.
- Shake the OroCup well
- Open the sealing cap.
- Attach the suction tubes to the connectors in the cap, using adapters if necessary.

If two litres of working solution are to be sucked out of the OroCup, the design of the unit means that the OroCup should be placed upright for the first litre and then positioned horizontally for the second litre.

Sucking up the disinfectant solution

Before sucking up the solution, please ensure that the following procedures are observed

⚠️ Do not use foaming products, such as domestic cleaners, or instrument disinfectant products.

The majority of the separating systems and amalgam traps on the market are sensitive to foam and, in these cases, the use of foam products can cause irreparable damage to the suction unit.

- Sucking up the disinfectant solution

To ensure problem-free disinfecting of the suction unit, suck up the solution via connectors only.

Do not flush the system with water after the disinfectant solution has been sucked up. This is to prevent the disinfecting effect of the solution being destroyed, and also avoids build-up of harmful deposits in the suction unit.

- Remove the suction tubes from connectors and hang them once more in the tube holder.
- Allow the disinfectant solution to work for about one hour.
- The disinfecting process is now over.