

# Preserving the value of your suction unit. Systematic hygiene from Dürr Dental

Systematic disinfection and cleaning of suction units



# System hygiene from Dürr Dental – the reassurance of having thought of everything

## 4 colours, 4 areas – simple, logical and safe

When it comes to infection protection, disinfection and cleaning, nothing can be left to chance. This is why system hygiene from Dürr Dental is all about ease of handling and safe and logical applications. Dürr Dental has introduced a logical colour-coded system for hygiene – pink for skin and hands, yellow for special areas, blue for instruments and green for surfaces.



The over 30 products in the system hygiene range from Dürr Dental help to ensure that daily hygiene tasks in the surgery are both safer and more successful

## Safe

- Comprehensive spectrum of activity: bactericidal, tuberculocidal, fungicidal, virucidal (incl. coronaviruses)
- Certified, reliable effect
- Without exception: VAH/DGHH-listed and EN-compliant
- High disinfecting and cleaning power

## Convenient

- Easy and efficient to use
- Convenient, standard container sizes
- Cleaning according to plan
- Dosing in caps
- Highly cost-effective to use

## Gentle

- Superior combination of active agents
- Particularly gentle and kind to skin
- Suitable for use on most surfaces and recommended by leading equipment manufacturers
- Clinically tested
- Bio-degradable

## Fast

- Short reaction times
- Quick, residue-free drying
- Practical application
- Simple dosing

# Our specialists for suction unit disinfection and cleaning

## Easy to work with – highly effective to use

Dürr Dental invented suction system disinfection over 50 years ago with Orotol®. Today, Orotol® plus is the most widely-used disinfectant in the world. The reasons for this are obvious enough: it is easy to use, suitable for a wide range of tasks and highly compatible with other materials. The success of Orotol® plus is based on our long-standing experience with Dürr Dental suction systems. Dürr Dental is one of the pioneers of continuous suction, without which the modern approach of treating a patient lying down that of course we take for granted, would not be possible.

Trust the expertise and strength of the market leader in surgery hygiene.

## The development of resistance: a myth

During disinfection, it is absolutely impossible for resistance to develop. The germs will only continue to multiply if they are not killed off because not enough of the disinfectant is used. If the correct dosage is used, it is impossible for the germs to survive. For this reason, it is not necessary to change the product even after several years.

### This is what counts:

- Superior material compatibility
- Fast and comprehensive effect
- Competence of a single manufacturer for devices and hygiene
- Perfect symbiosis of technology and chemistry
- The original – experience since 1965



# A strong team for your suction unit



## Comprehensive care and a high degree of safety

Daily disinfection of the suction unit is a matter of routine in every surgery. Nonetheless, around half of all suction units suffer from reduced performance due to deposits and blockages. The reason: although most suction units are disinfected, no additional cleaning is performed. However, this aspect is crucial – after all, we are dealing with lots of aggressive substances here, such as blood, secretions, tooth material, filling materials or prophylaxis powders. These can form a tough sludge. This results in blockages that can lead to a drop in performance and – in the worst case – bring the surgery to a complete standstill.

## The solution from Dürr Dental: Orotol® plus and MD 555 cleaner

Orotol® plus and MD 555 cleaner work together to protect all of the components in a suction unit (including the lines) against deposits, contamination and encrustation. If used regularly, they can prevent a reduction in performance and extend the life of your suction unit. Instructions on how to use these products correctly can be found on page 06.



The OroCup from Dürr Dental makes application easy and thus reduces the workload

## Orotol® plus Disinfection of Suction Systems

Foam-free, high-yield liquid concentrate for the simultaneous cleaning, disinfection, deodorisation and care of all suction systems and amalgam separators.

- For suction systems, recommended by leading manufacturers
- No formation of resistance to germs
- Certified material compatibility
- Preserves the value of your suction system
- Dissolves biofilm and prevents build-up of sludge (blood and proteins)
- Long-lasting effect
- Broad range of effectiveness

### Active ingredients

QAC

### Container size

2.5 l bottle  
1 l bottle

### For use in

OroCup



## Orotol® plus: Tough on

- Bacteria
- Yeast fungi
- Viruses (incl. HBV, HCV, HIV and coronaviruses) and well as non-enveloped adenoviruses and noroviruses



## MD 555 cleaner Special detergent

Foam-free concentrated liquid for dental suction systems and amalgam separators.

- Strong cleaning power against spray powder deposits
- Dissolves encrustations and sludge accumulations of limescale and prophylaxis powder (descaling agent)
- Reliably dissolves prophylaxis pearl products
- Ideal in combination with Orotol® plus
- Effective composition featuring organic acids and foam-free surfactants

### Container size

2.5 l bottle

### For use in

OroCup

## MD 555 cleaner: Tough on

- Prophylaxis powder
- Prophylaxis pearl products
- Salts/carbonate
- Limescale



# How to keep your suction unit fit



Orotol® plus

Use at the end of all treatments, or twice a day if contamination levels are higher (lunchtime and evening).

1. Pre-clean by aspirating 2 litres of water
2. Preparation of the solution in the care system.\* For one treatment unit: top up 20 ml (1 dosage cap) to 1 litre with cold water and mix the solution (use double the amount for two treatment units)
3. Attach the suction hoses to the care system and aspirate the solution
4. Prepare 1 litre more and distribute it across a maximum of four spittoons
5. Allow to act for at least 1 hour or overnight
6. Aspirate 2 litres of water after the reaction time or the next morning

\*Use of a care system with suction tube adapters for aspiration of an air/solution mix. Suction from a beaker or another vessel without using a suitable adapter is not suitable for disinfection and cleaning. We recommend use of the OroCup.



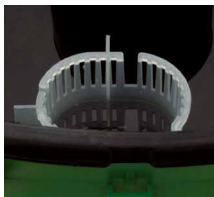
MD 555 cleaner

This is applied at least 2 x weekly (e.g. Tue and Thu), or daily before the midday break in case of higher levels of contamination.

1. Pre-clean by aspirating 2 litres of water
2. Preparation of the solution in the care system.\* For one treatment unit: top up 50 ml (2.5 dosage caps) to 1 litre with cold water and mix the solution (use double the amount for two treatment units).
3. Attach the suction hoses to the care system and aspirate the solution
4. Prepare 1 litre more and distribute it across a maximum of four spittoons
5. Allow to act for at least ½ to 2 hours (midday break)
6. Aspirate 2 litres of water after the reaction time



## With Orotol® plus and MD 555 cleaner



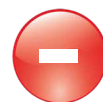
Separation tank, sludge-free



Centrifuge drum spins smoothly - without sludge



Centrifuge housing, encrustation is ruled out here



## Without Orotol® plus and MD 555 cleaner



Separation tank, full of sludge



Centrifuge drum, performance hampered by sludge



Centrifuge housing, encrusted - total breakdown of the suction unit

# The ideal complement

## MD 550 spittoon bowl cleaner with microbial effect

Non-foaming, ready-to-use special preparation for highly effective cleaning and care of spittoons.

- Effortlessly removes residues of limescale, blood, plaque dyes, impression material etc.
- Cleans spittoons with an antimicrobial effect (bactericide/fungicide)
- Pleasant smell
- Contains no abrasives
- Excellent material compatibility



### Container size

750 ml bottle



## Tips from market leader Dürr Dental for preserving the value of your suction unit

- After every patient and prior to disinfection or cleaning, aspirate at least one glass of water through the spittoon and the suction hoses to remove blood, saliva and dentine residue and to prevent blockage or complete failure of the suction unit.
- Use cold water to mix disinfectant – hot water inactivates many disinfectant components and tends to create foam and cause coagulation when combined with blood.
- Just as in household appliances, tough limescale deposits can lead to faults affecting devices and plumbing systems. Depending on water hardness, use MD 555 cleaner at least 2 x weekly.
- Use only foam-free products – do not use instrument/surface disinfectant, household detergent or normal household cleaning agents in the suction unit.
- Avoid mixing products, as this can neutralise the disinfectants.
- Do not use the suction unit to vacuum drawers etc.
- Carry out the recommended maintenance.

# Overview of spectrum of reaction and applications

	Disinfection	Cleaning	VAH listed	IHO disinfectant list	certified in acc. with EU standards	Bactericidal	Tuberculocidal	Yeasticidal	Fungicidal	Virucidal activity against enveloped viruses	Limited spectrum of virucidal activity	Virucidal	Concentration / application time in minutes
<b>Orotol® plus Disinfection of suction systems</b>	■	■	■	■	■	■		■		■			2%/5 <sup>1</sup>
<b>Orotol® ultra Disinfection of suction systems</b>	■	■	■	■	■	■	■	■	■	■		■	1%/5 <sup>1</sup>
<b>MD 555 cleaner Special detergent for suction systems</b>		■											5%/30-120
<b>MD 550 Spittoon bowl cleaner</b>		■		■	■	■		■					100% <sup>1</sup>

<sup>1</sup> Bactericidal/yeasticidal.