



TECHNICAL BULLETIN SUCTION SYSTEM MAINTENANCE

PULI-JET GENTLE 2.0 DISINFECTANT

Maintaining Dental Aspirators: Best Practices and Protocols

During dental treatments, saliva, blood, and mucous are aspirated, and this organic material can decompose quickly, adhering to the internal walls of aspirators and suction lines. Proper maintenance is crucial for ensuring the efficiency of dental aspirators and preventing operational issues.

Infection Prevention and Control Protocol

To mitigate the formation of biofilm and control bacterial growth, it is essential to implement an Infection Prevention and Control Protocol using suitable and approved products at the time of dental aspirator installation. Starting this protocol from the outset will help prevent biofilm stratification and maintain bacterial control.

Consequences of Poor Maintenance

Failure to perform correct maintenance can lead to the formation of a microbial colonisation that inhibits suction and may eventually seal various points in the aspirator's piping. At this stage, even aggressive cleaning products may not restore the aspirator to its original condition and could potentially damage the equipment.

Recommended Disinfectant: Puli-Jet Gentle 2.0

Puli-Jet Gentle 2.0 is a non-foaming disinfectant with an anti-scale agent that, when correctly diluted, can safely remain in contact with the aspirator's internal surfaces for extended periods. This prolonged contact time allows effective disinfection of the aspirator's internal parts and piping. We recommend using Puli-Jet Gentle 2.0 for daily disinfection at the end of the day (overnight) and prior to extended holiday periods.

Effective Disinfection Timing (Contact Time)

Puli-Jet Gentle 2.0 should be used at the end of the day to allow disinfection overnight. Disinfection carried out a few minutes before starting work in the morning does not have the same effect as overnight disinfection. The disinfectant requires contact time to perform effectively. We advise not to rinse the aspirator after disinfection. Additionally, disinfection should be performed immediately after treating a patient known to have an infectious disease.

Proper Use of Puli-Jet Gentle 2.0 and Pulse Cleaner

The concentrated disinfectant should be diluted according to the container's instructions. The solution must be aspirated using the Pulse Cleaner, which creates the necessary turbulence to dislodge debris, allowing the disinfectant to dissolve blood and mucous and remove scale from the aspirator walls and piping.

Additional Important Cleaning/Disinfection Instructions

Any remaining fluid in the Pulse Cleaner should be manually aspirated using the suction terminal. Cleaning and disinfection of the dental unit's spittoon should follow the manufacturer's instructions using an appropriate surface disinfectant or cleaner. Puli-Jet Gentle 2.0 is NOT INTENDED for spittoon disinfection.

By adhering to these guidelines and using the recommended Puli-Jet Gentle 2.0 disinfectant, dental professionals can ensure the longevity and efficiency of their aspirators, providing a safer and more hygienic environment for patients.

For additional information please contact our Local Technical Support Team:

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