



Easy Clean Maxx

The solution for the
challenges and limitations of
endodontic irrigation

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Root canal irrigation is one of the most important steps in endodontic treatment, responsible for cleaning, disinfecting, and removing debris that can compromise the success of the procedure. Although several technologies are available on the market, such as hypodermic syringes, ultrasound, Sonic Activation, Negative Pressure Activation and laser, each method presents advantages and limitations, especially regarding cost, effectiveness, and operational complexity. Easy Clean Maxx is an alternative that combines efficiency, simplicity, and accessibility, addressing many of the problems found in these systems.

Product Information

Easy Clean Maxx combines the efficiency of advanced technologies with simplicity, solving problems associated with ultrasonic and laser systems. It features:

- **Reinforced material:** Increases safety during use, significantly reducing the risk of breakage during the procedure.
- **Varied diameters:** Available in three tip options (#.20, #.30, and #.40 mm) with .04 taper, Easy Clean Maxx allows the operator to adapt the device to the specific anatomy of each prepared canal.
- **Reduced size:** Now 6 mm shorter, Easy Clean Maxx facilitates insertion into posterior regions of the arch, improving usability in challenging situations.
- **Distinct colors:** Each diameter is identified by a specific color (yellow, blue, and black), providing greater convenience for the professional.
- **Practical and sterile packaging:** The blisters come sterilized, available in packs of 3 or 5 units, which can be individual or assorted, ensuring safety and convenience.

Traditional Methods and Advanced Technologies: Advantages and Limitations

1. Hypodermic Syringes

Advantages: Simple, affordable, and widely available.

Limitations: Passive irrigation with limited reach; does not effectively reach accessory canals or the apical third; lacks active agitation.

Cost: Low.

Effectiveness: Insufficient for removing biofilm and debris in complex areas.

2. Ultrasonic Irrigation (PUI)

Advantages: Active agitation that improves cleaning compared to passive irrigation.

Limitations: Less effective in the apical third due to reduced vibrations; requires specific equipment and technical training.

Cost: Moderate to high (investment in equipment and maintenance).

Effectiveness: Good, but limited in complex anatomies.



3.Sonic Activation

Advantages: Mechanical system that uses flexible tips to promote irrigant agitation, effective in curved and hard-to-reach canals.

Limitations: Less powerful agitation compared to ultrasound; requires the purchase of specific tips, increasing operational costs.

Cost: Moderate (equipment and consumables).

Effectiveness: Good in moderately complex canals; limited in extreme cases.

4.Negative Pressure Activation

Advantages: Cutting-edge technology combining dynamic irrigation and negative pressure for comprehensive disinfection of the entire canal system.

Limitations: High initial equipment cost and expensive consumables; requires specific training.

Cost: Very high.

Effectiveness: Excellent, but only accessible to clinics with a high investment capacity.

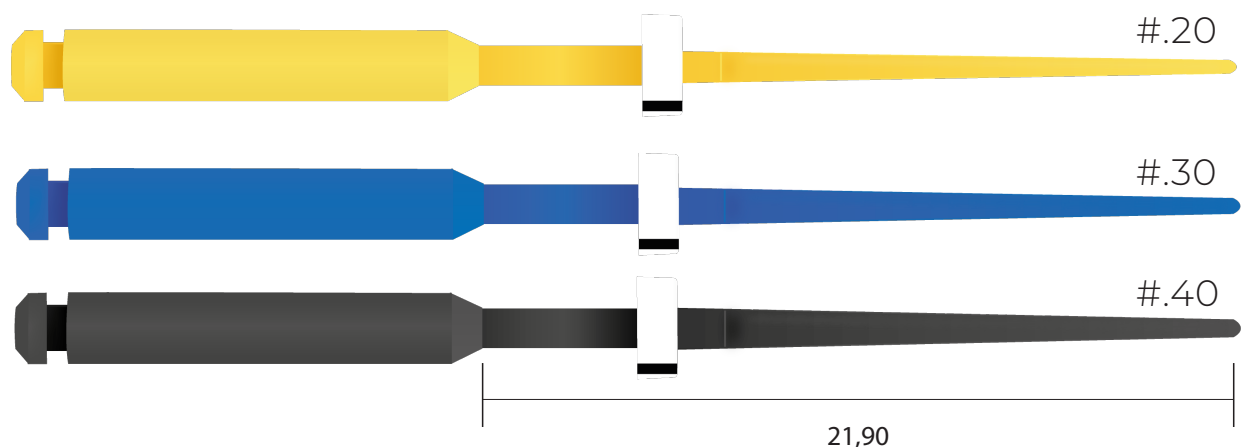
5.Laser Use

Advantages: Promotes photonic agitation, excellent for disinfection and biofilm removal; effective in lateral canals and isthmuses.

Limitations: High equipment cost; requires technical expertise and regular maintenance.

Cost: Very high.

Effectiveness: High, but limited to specialized practices.



Comparison of Success Factors

Method	Initial Cost	Maintenance	Easy of Use	Effectiveness in Apical Third	Accessibility
Hypodermic Syringe	Low	Low	High	Low	High
Ultrasound	Moderate	Moderate	Medium	Moderate	Medium
Sonic Activation	Moderate	High	High	Moderate	Medium
Negative Pressure Activation	Very High	High	Medium	High	Low
Laser	Very High	High	Medium	High	Low
Easy Clean	Low to Moderate	Low	High	High	High
Easy Clean Maxx	Moderate	Low	Very High	Very High	High

Why Choose Easy Clean Maxx?

Easy Clean Maxx brings together all the advantages of Easy Clean with enhancements that make the product even safer, more versatile, and practical. It is the ideal solution for those seeking clinical excellence without compromising simplicity and accessibility.



In the pursuit of excellence in endodontic irrigation, Easy Clean Maxx stands out as an innovative solution for enhancing root canal decontamination. Scientifically proven, a study published in the article "Antibacterial ability of different activated irrigation after root canal preparation: intratubular analyses" demonstrates the effectiveness of irrigation activation in eliminating deep-seated microorganisms.

Developed with cutting-edge technology, Easy Clean Maxx maximizes the action of irrigants, ensuring superior cleaning and safety for more predictable procedures. Below are some excerpts from the article:

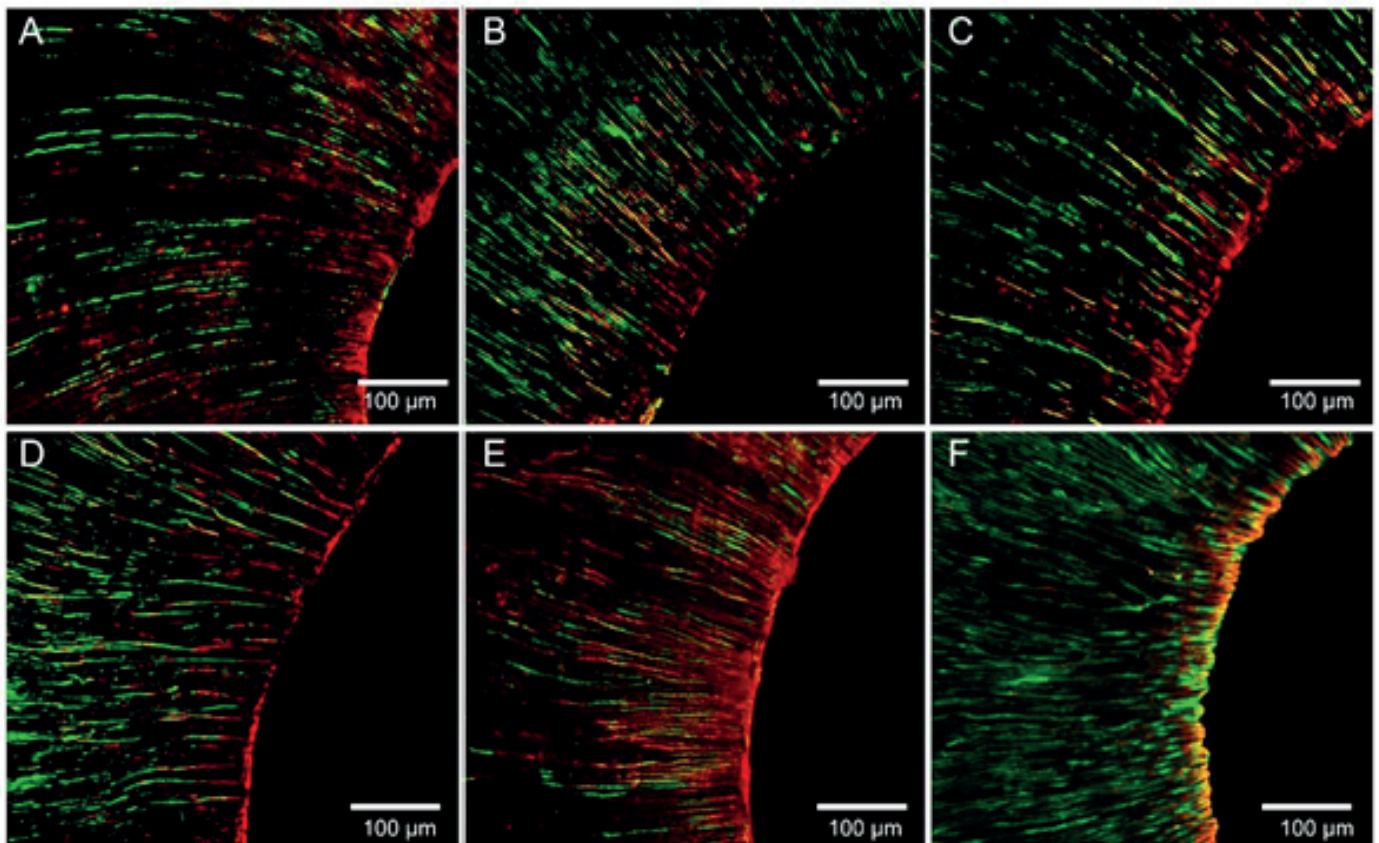


Figure 2. Representative image of the antibacterial action of different methods of final irrigation in dentinal tubules: UA (A), XPF (B), XPC (C), ECRot (D), ECRot (E), and conventional (F). Red, green, and yellow stains indicate the presence of damaged, intact, and both (damaged and intact overlapped) bacteria, respectively. Original magnification.

Read the full article at the link below:

https://www.researchgate.net/publication/380499486_Antibacterial_ability_of_different_activated_irrigation_after_root_canal_preparation_intratubular_analyses

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