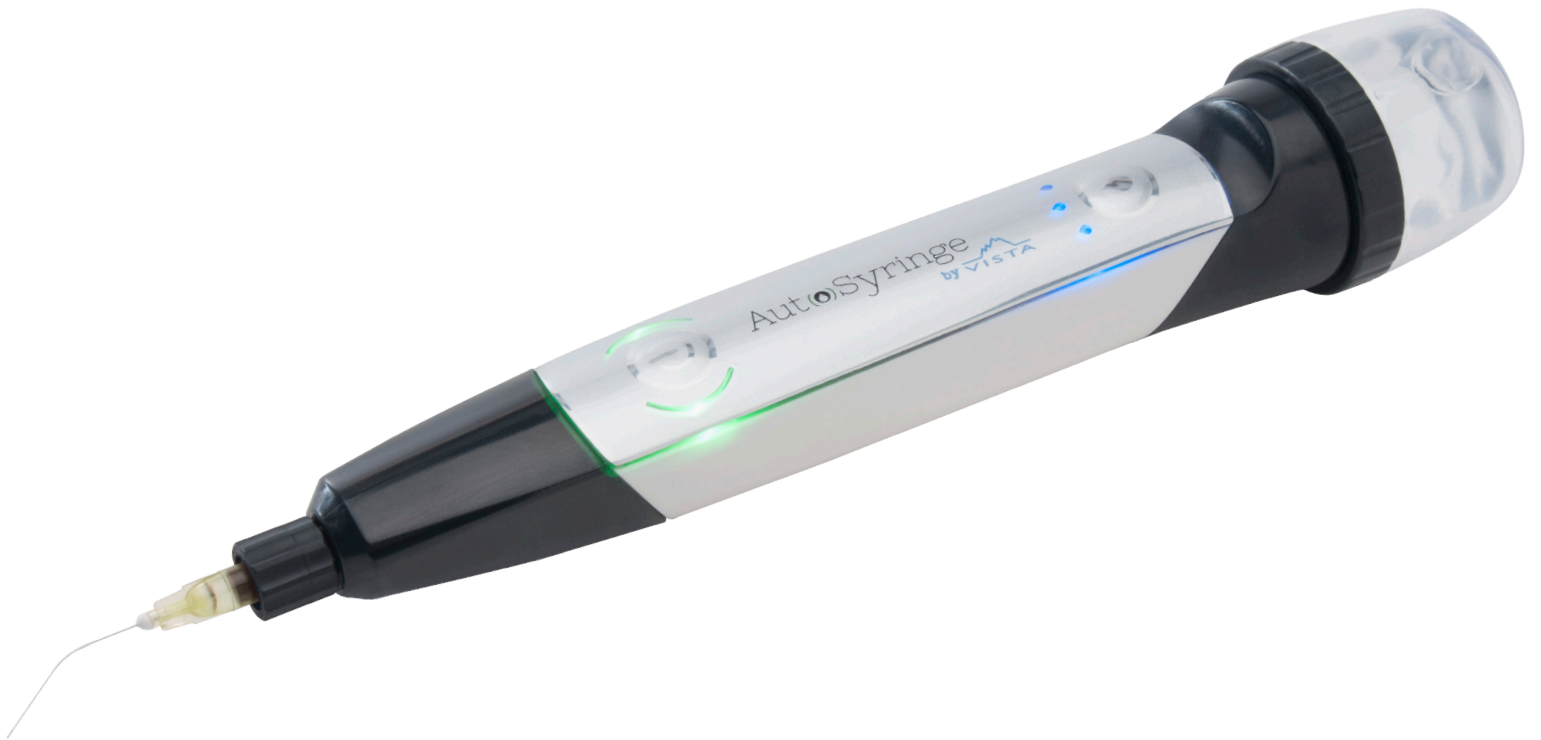


# AutoSyringe<sup>TM</sup>

Patent Pending

Irrigation ... Simplified  
**Comfort | Convenience | Control**



+ 1.877.418.4782 | [www.vista-dental.com](http://www.vista-dental.com)

# AutoSyringe<sup>TM</sup>

Patent Pending

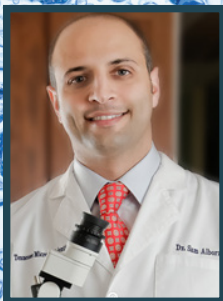
Over the years endodontic therapy has seen major advancements in technology while the method of delivering solutions to the canal system has remained ergonomically difficult and messy. AutoSyringe<sup>TM</sup> replaces the standard luer lock syringe, and significantly decreases the number of irrigating tips used.

- 1 Quick-Connect, 20mL canisters that are easily filled with the medicament of one's choice.
- 2 Three adjustable flow rate settings ensure safe apical pressure throughout every procedure.
- 3 Cordless, compact rechargeable device is fully compatible with NaOCl.
- 4 Autoclavable sleeves allow for easy disinfection between patients.
- 5 Rotating tip provides easy access and accepts all standard irrigating tips.

## Featuring ANTI-DRIP technology



## NO MORE BLEACH STAINS!



Since using AutoSyringe<sup>TM</sup>, I have noticed a considerable decrease in hand fatigue at the end of the week, compared to standard syringe delivery. I can now easily deliver a larger volume of irrigant without hand fatigue, in a safe manner.

**- Dr. Sam Alborz, DDS**  
**Tennessee Micro Endodontics**

# Safe, Controlled Flow.

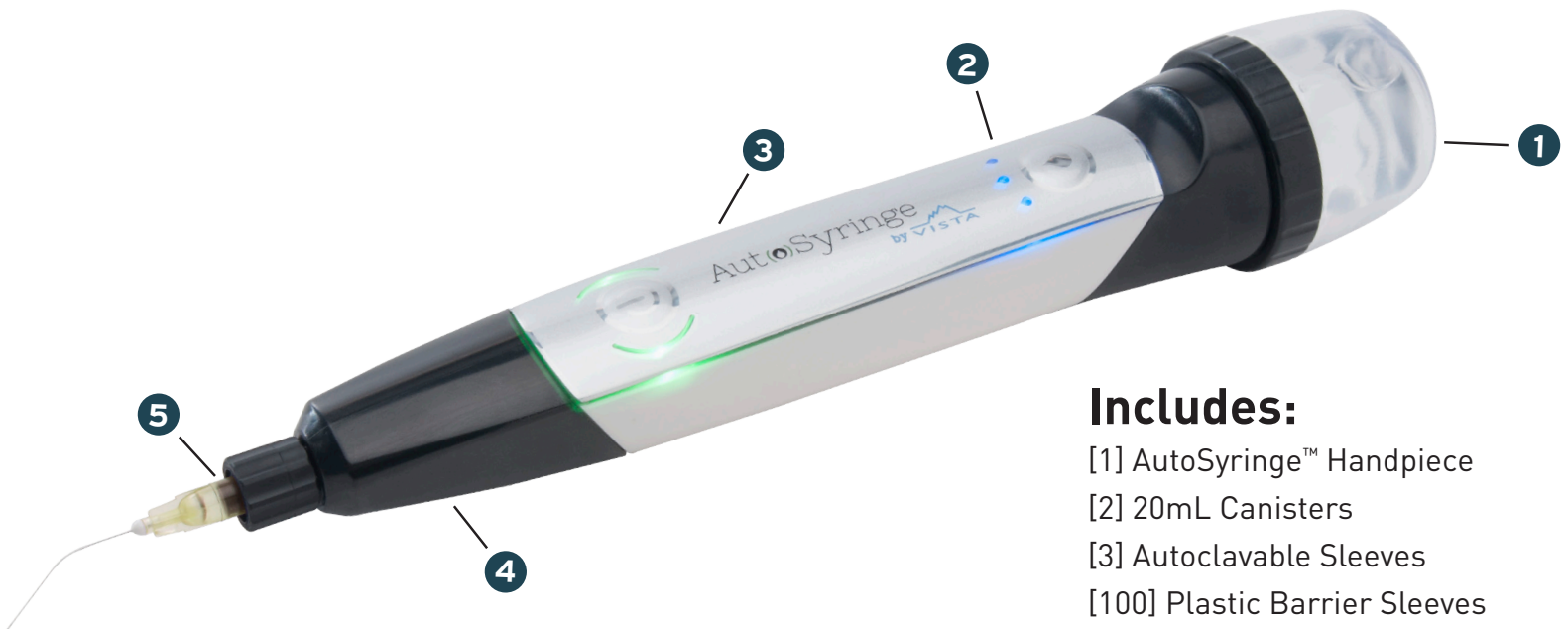
AutoSyringe™ eliminates worries of excess apical pressure by providing a safe delivery of irrigant while mainting clearance past the needle tip.

The human hand is inconsistent when it comes to delivering irrigants at a controlled velocity.

AutoSyringe™ Flow Rates

Flow Rate Setting	27ga Appli-Vac™ (slotted & Side-Vented)	27ga Vista-Probe™ (closed-end with side-port)	30ga Appli-Vac™ (slotted and side-vented)	30ga Vista-Probe™ (closed-end with side-port)	30ga Flexi-Glide™
Low	2.6 mL/min	2.6 mL/min	1.8 mL/min	2 mL/min	2.8 mL/min
Medium	3.5 mL/min	3.5 mL/min	2.3 mL/min	2.5 mL/min	3.8 mL/min
High	5.1 mL/min	5.1 mL/min	3.1 mL/min	3.1 mL/min	5.5 mL/min

Note: Flow rates may vary  $\pm 0.5$  mL/min. All flow rates determined with  $H_2O$ , will vary based on irrigant.



## Includes:

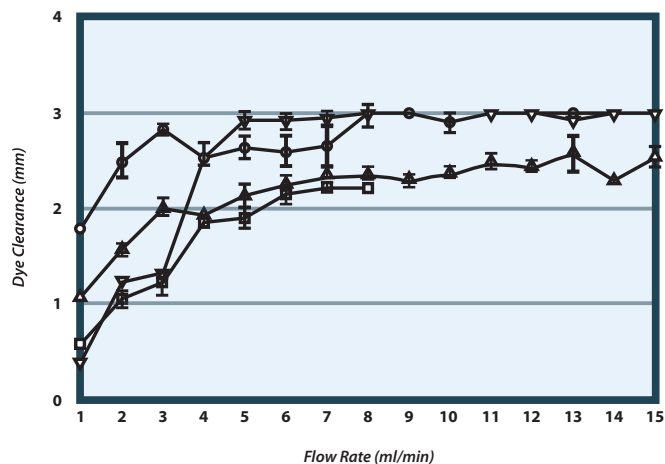
- [1] AutoSyringe™ Handpiece
- [2] 20mL Canisters
- [3] Autoclavable Sleeves
- [100] Plastic Barrier Sleeves
- [1] Charging Base

## Kit Contains:





# Design based on RESEARCH.



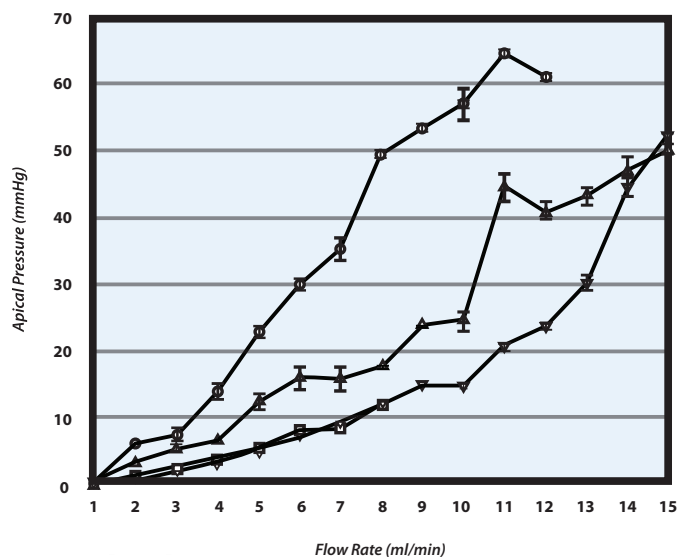
**Figure 2.**

Dye clearance during positive-pressure irrigation at 3 mm from the apex. The bars show standard deviation.

Apical pressure and extent of irrigant flow beyond the needle tip during positive-pressure irrigation in an in vitro root canal model.

Ellen Park, Ya Shen, Mehrzad Khakpour, Markus Haapasalo  
J Endod. 2013 April; 39(4): 511-515. Published online 2013 January 30. doi: 10.1016/j.joen.2012.12.004

- ▲ 25 ga blunt open-ended needle (FlexiGlide)
- 30 ga blunt open-ended needle (FlexiGlide)
- ▽ 27 ga slotted open-ended needle (Monoject)
- 30 ga side-vented closed-ended needle (ProRinse)



**Figure 3.**

Apical pressure during positive-pressure irrigation at 3 mm from the apex. The bars show standard deviation.

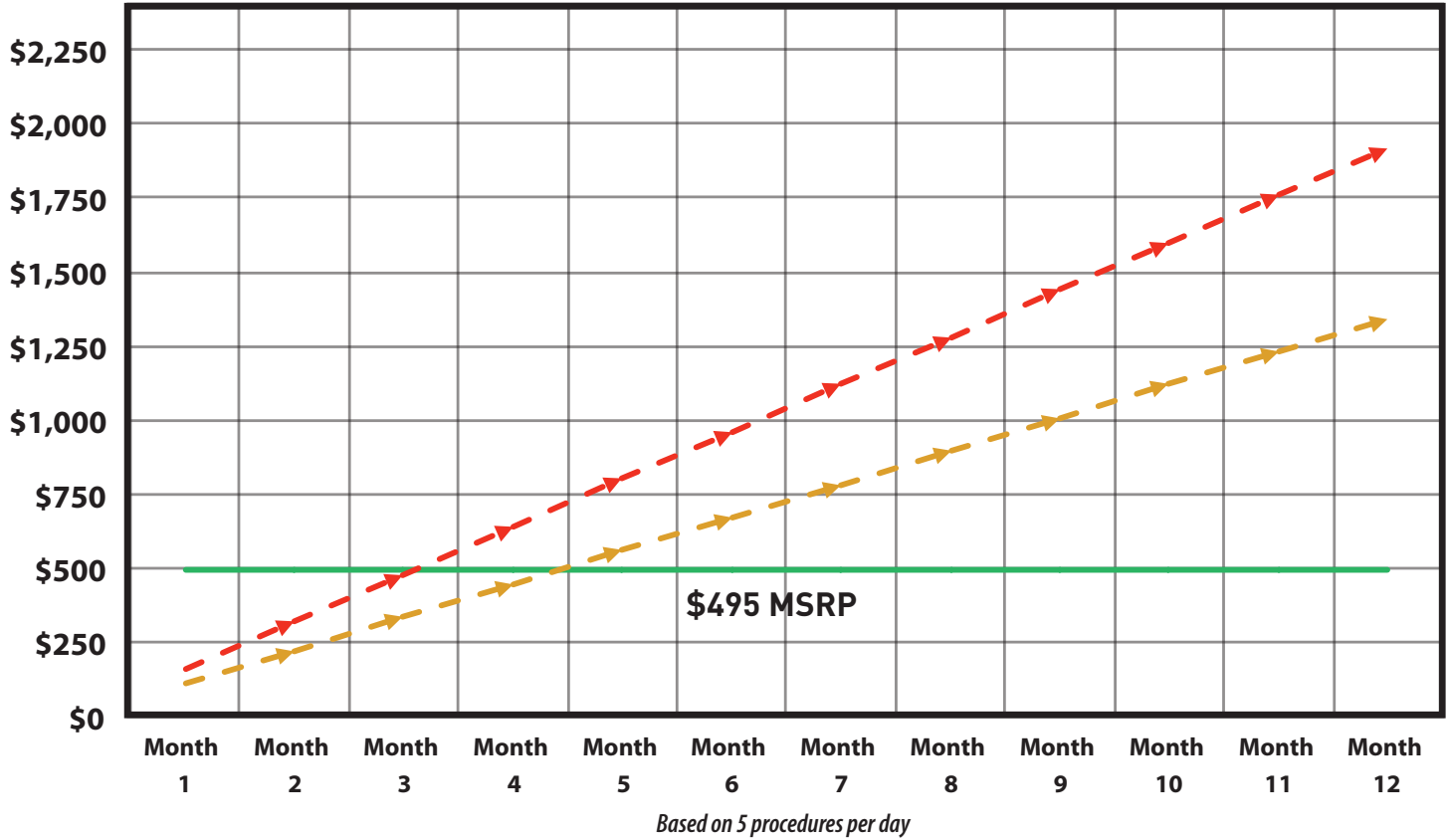
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There is no need to ever purchase a box of syringes again.  
**AutoSyringe™** pays for itself in no time!

## AutoSyringe™ vs. Monthly Syringe & Tip Expenses



Use the charts below to determine your expenses & ROI

Average cost per needle tip: \$0.40

Average cost per syringe: \$0.20

**THESE COSTS ADD UP!**

If you use 2 Solutions per procedure, use the chart below:

# Of Procedures Daily	6	5	4	3
DAILY EXPENSES	\$8.40	\$7.00	\$5.60	\$4.20
MONTHLY EXPENSES	\$134.40	\$112.00	\$89.60	\$67.20
ANNUAL EXPENSE	\$1,612.80	\$1,344.00	\$1,075.20	\$806.40
ROI - MONTHS	3.7	4.4	5.5	7.4

If you use 3 Solutions per procedure, use the chart below:

# Of Procedures Daily	6	5	4	3
DAILY EXPENSES	\$12.00	\$10.00	\$8.00	\$6.00
MONTHLY EXPENSES	\$192.00	\$160.00	\$128.00	\$96.00
ANNUAL EXPENSE	\$2,304.00	\$1,920.00	\$1,536.00	\$1,152.00
ROI - MONTHS	2.6	3.1	3.9	5.2

# For the best results, pair with Vista's enhanced irrigants and EndoUltra™ ultrasonic activation!



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