

Endocator®

Think you finished irrigating?

What's your Endoscore?

Fast
& easy
to use



The Endocator® is the first and only chairside device that detects residual contamination invisible to microscopes and radiographs, delivering an adjunctive canal score in 10 seconds. * 1, 2, 3

VistaApex
SOLUTIONS
Value. Added.

Journal Citations

1. J Conserv Dent Endod. 2025 Feb;28(2):175-181.
2. J Conserv Dent Endod. 2024 Feb;27(2):111-112.
3. J Endod. 2015 Apr;41(4):447-50.

*Product images are for illustrative purposes only.
The final product may vary based on model
specifications and design updates.

Know if the root canal is clean.

Residual debris is known to contribute to root canal failure. The Endocator® is able to detect trace amounts of root canal contamination from bacteria, nerve tissue, blood, saliva, and apical fluid.

The 0 -100 Endoscore is based on a soon to be published 1000 patient study from the Sibar Institute of Dental Studies including feedback from practicing Endodontists.

How it works:

The Endocator® detects cellular debris by measuring the amount of Adenosine Triphosphate (ATP) and other biomarkers present in the endodontic sample. ATP is present in all living cells and can be used to determine the amount of cellular debris within the canal.²

When the sample is added and mixed in the Endocator® Test Swab, the reaction to ATP creates bioluminescence that is detected by the Endocator®. High Endocators means that there are still high levels of debris (e.g. remanent bacteria and/or pulp tissue) in the sample and that additional cleaning is suggested to better debride the canal system.

Ease of use:

Simply rinse the root canal with 1 ml of sterile water and aspirate the water that remains in the canal. Inject the sample into the test swab and activate by fully inserting the swab and shaking. Insert the tester into the Endocator® device, the Endoscore will be displayed in 10 seconds.

Clean
& Ready
to Fill



With the Endocator® now you can achieve:

- Rapid reliable assesment – Utilizes bioluminescence technology to detect residual contamination invisible to microscopes and radiographs, offering an objective, quantitative score of cleanliness
- Increased efficiency - Optimize your disinfection protocol with measurable verification of a thoroughly clean canal
- Improved confidence – Provides visible evidence of canal cleanliness, to reduce the likelihood of retreatments

VistaApex Solutions

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1. U Sjögren et al. Int Endod J. 1997 (5):297-306.
Doi: 10.1046/j.1365-2591

2. K S Tan et al. J Endod. 2015; 41(4): 447-50