Patented product
Easy DO Activator
EASYDO ACTIVATOR–M1082
Professional root tip control
Make fine root canal

PATENTED PRODUCT!

The tips are made from polymer material, they are soft and have god toughness and can be bent. At the same time can reduce and avoid the risk of breakage and not damage the root canal that has

been dredged.
The vortex is formed in the high-frequency oscilation, causing the liquid to produce tens of thousands of tiny air presure bubbles. These bubbles form an energy burst and explode, impact the iner wall of rot canal and root tip, and quickly peel off dirt, impurities, and debris. At the same time, paste can be delivered and the broken needle can be taken out.

Industry–leading tip design

Our activator tip is made of a high-elasticity pre-bendable polymer material that can be sterilized by high temperature and high presure. There are three different sizes and tapers to choose from, according to different root canal conditions, they can enter the intri-cate root tip through high-speed rotation of the device to fuly shake and wash the root canal. As shown below:

PROFESSIONAL ROOT TIP CONTROL

MAKE FINE ROOT CANAL

HIGH EFFICIENCY

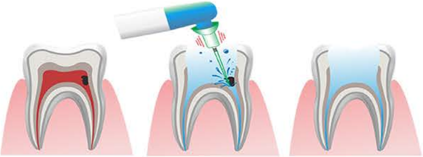
EASY TO OPERAYE

SAFER

The endo activator provides a solution for the defects and deficiencies of the current clinically commonly used ultrasonic root canal cleaning devices and instruments that are insufficient in the apex cleaning efficiency, easily cause root canal wall perforation and the risk of cross-infection. Easyinsmile endo activator with a portable device improve the treatment effect, it's safe, portability and ease of using.

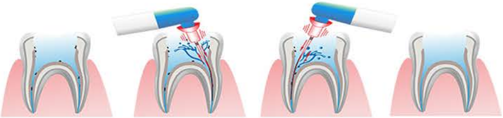
Multiple methods of use

Method 1



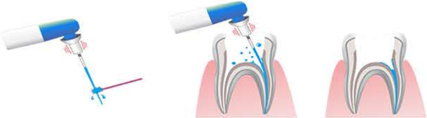
Different from the traditional metal ultrasonic tips, easyinsmile tips are made of high polymer materials, soft and tough, smooth and easy to bend, 15/02,25/04,35/04 meets different root canals cleaning, easily applicable to all kinds of complex and curved root canals. Tips can be autoclaved,avoid cross infection. Smooth and don't break tips, more safe and smooth close to the root tip, no cutting ability and no damage to the inner wall of the root canal, can completely preserve the shape of the root canal.Using the physical energy to transfer the high polymer materials tips to form three-dimensional motion, (a quick stir creates a real cavitation effect, which is visible to the naked eye) activating sanitizer and flushing fluid can effectively remove residual pulp tissue, dentin debris and stain layer, opening dentin pores, and destroying bacterial biofilms,activating the sanitizer to improve the effectiveness of disinfection and sterilization function.Especially for the root tip, isthmus, lateral branches cleaning effect is very obvious.

Method 2



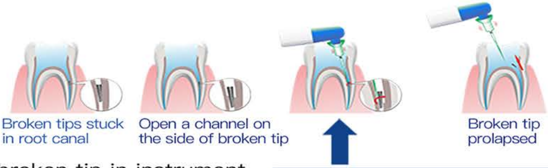
White 15/02, red 25/04 and green 35/04 tips can effectively remove the stubborn impurities, debris, mild calcification and calcium hydroxide paste during the retreatment process by physical high frequency vibration.

Method 3



Through the low function output of 1 gear, the root filling paste can be applied to the tips. Physical three-dimensional vibration shake out the paste that sticks to the tips, apply evenly to root canal walls, root tip, isthmus, lateral branches, greatly improve the efficiency at the same time better delivery effect.

Method 4



Broken tips stuck in root canal

Open a channel on the side of broken tip

Broken tip prolapsed

Choose a suitable tip to enter through the side channel, choose a small power to oscillate slowly, and push in the opposite direction of the broken tip thread at the same time.
(Refer to the direction of loosening screws, loosen left)

In the case of a broken tip in instrument separation, suggestions on the side of the broken tip open channel, select the appropriate tip through the side channel to enter, select small power oscillation slowly shook loose tip and lift up, inject EDTA lubricants at the same time, push in the opposite direction of broken tip thread (refer to unscrew direction – The left is loose) used together with Ultrasonic Scaler tips.

Use Case: Endo activator irri gation

before endo activator irrigation

During endo activator irrigation

After endo activator irrigation

Use Case: Dental pulp irrigation

Before dental pulp irrigation

During dental pulp irrigation

After dental pulp irrigation

Product Features

Macro-molecular material made tips are flexible soft and yet tough, so they never break.

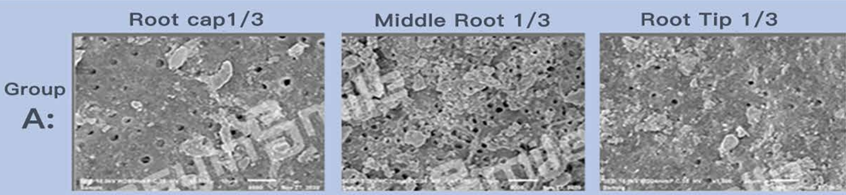
They don't break the wall of root canal, and offer high frequency rotation in apical root canal and branches, so that all debris will be brought out.

Besides that, they can also deliver medicine into root canal, and bring out the broken tips.

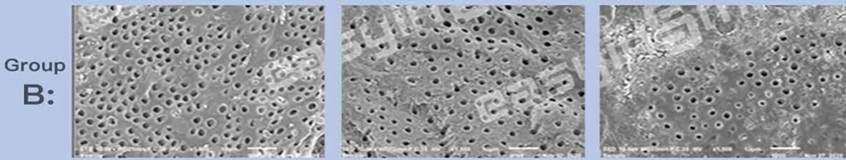
Comparation Items	EASYDO ACTIVATOR	Sonic scaler	Sonic activator	Imported Ultrasonic
1,Tips are easy to break or not	NO	YES	YES	YES
2,Is it harmful to body after long time use	NO	LITTE BIT	LITTLE	YES
3,how hard to pull out fillers when failure	EASY	HARD	HARD	HARD
4,how hard to remove the broken tips,debris	EASY	HARD	HARD	HARD
5,function to deliver medicine, yes or no	YES	NO	NO	NO

Electron microscopy

Picture1: NORMAL SYRINGE INJECTION and EASYDO ACTIVATOR-M1082's Scanning electron microscopy in all parts of the root canal(X1500)



NORMAL SYRINGE INJECTION

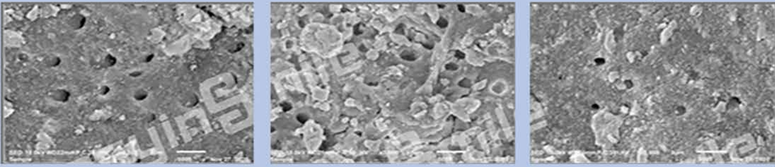


EASYDO ACTIVATOR–M1082

Picture 2: NORMAL SYRINGE INJECTION and EASYDO ACTIVATOR–M1082's Scanning electron microscopy in all parts of the root canal(X3000)

Root cap1/3 | Middle Root 1/3 | Root Tip 1/3

Group A:



NORMAL SYRINGE INJECTION

Group B:

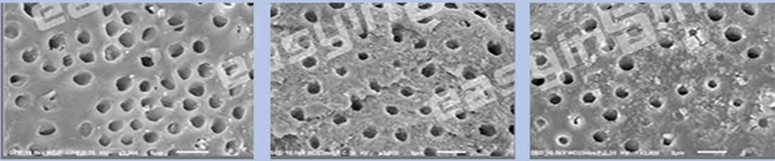


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Table1 Score comparison of the two root canal cleanliness(n=15, ±s)

Inspection area	Group A	Group B
1/3 Root cap 1/3	2.112±0.725	0.854±0.647*
1/3 Middle Root 1/3	3.511±0.562	1.112±0.523*
1/3 Root tip 1/3	4.654±0.685	1.812±0.608*

The scores of cap, middle and tip of root canal inner wall's cleanliness were compared between the two groups as table 1

PRODUCT INFORMATION

Name: EasyDo activator

Code: 993700

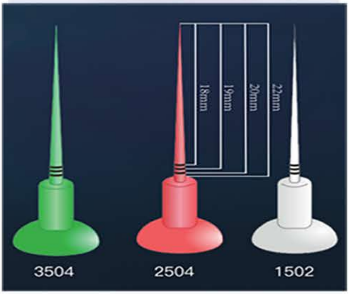
Size: 183mm*23mm*43.1mm

easyinsmile

Weight: 63g(including battery)

Pack: 1 set/pack

Rotation Speed: 1. 3000 rpm
2. 5000 rpm
3. 10000 rpm



Name: EasyDo Activator Needle Tips

Code: 993701

Pack: 60pcs/pack (3 colors x 20pcs)

Green	Red	White
22mm	20mm	19mm

Easydo Activator
EASYDO SONIC ACTIVATION SYSTEM
easyinsmile
1502
2504
3504

PACKING LIST

EasyDo Activator	1pcs
Activator Tips	#15/02 (White) 20pcs； #25/04(Red) 20pcs； #35/04(Green) 20pcs
Protective barriers	1 box(100 pcs)

PRODUCT PHOTOGRAPH

easyinSmile

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