

## Authorization formula

ROOT CANAL (ENDODONTIC THERAPY): A tooth frequently dies or becomes so irritated and painful as to be intolerable. This may occur as a result of extremely deep decay (which has gotten near or even into the pulp chamber), deep fillings or other trauma such as an accident. These are factors beyond the control of the dentist.

A devitalized (dead) tooth becomes a source of inflammation in the bone surrounding the tooth. This of course, is not acceptable. Because the tooth is the source of the inflammation, it must either be removed or receive a root canal (endodontic) treatment. This consists of cleaning and sterilizing the pulp chamber and canals, followed by a thorough sealing with root canal material. As with any dental or medical treatment, a 100% success rate cannot be guaranteed, but root canal therapy has been historically considered to be highly successful.

Traditionally, root canal therapy has been performed with a rubbery material called "gutta percha". Today, some feel that this material does not adequately seal all the communications between the tooth and surrounding tissues. In an attempt to resolve this problem, in 1994, the FDA gave permission to market a material called "Biocalex 6/9" which was used in France and other countries for over 15 years. Since 1994, the Biocalex 6/9 trademark has been discontinued and replaced by Endocal 10, a product with identical properties.

Endocal 10 consists of a powder of calcium oxide and zinc oxide which have been demonstrated to be among the most biocompatible materials used in dentistry. The powder is mixed with a liquid consisting of purified water and ethyl glycol. The resulting compound (calcium hydroxide) is very effective in destroying bacteria and expands to effectively fill the canals of the tooth root.

If you need root canal treatment, you may wish to have it done with Endocal 10 instead of the traditional gutta percha method. One departure from the traditional method is that Endocal 10 which has no metal salts included, will not be visible on X-rays after a period of time. This does not mean failure of the root canal treatment, which is judged in all cases by the presence or absence of inflammation around the root tip, along with possible accompanying symptoms. Keep in mind that radiographically visible bone healing following root canal treatment may take months or even years.

The cost of root canal treatment varies with the difficulty of the case and the number of root canals in the particular tooth which may vary from one to four (sometimes even more).

In your case, the tooth is \_\_\_\_\_, with \_\_\_\_\_ canals. The fee for the treatment will be \_\_\_\_\_.

I do understand the information presented to me, as well as the benefits and risks involved. I agree to have root canal (endodontic) treatment on the tooth (teeth) mentioned above and I wish to have it done with Endocal 10.

\_\_\_\_\_  
Client's signature

\_\_\_\_\_  
Dentist's signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date