

I understand that treatment of dental conditions requiring **Root Canal Therapy Re-Treatment** includes certain risks and possible unsuccessful results. Even though care and diligence is exercised in the treatment of conditions requiring Root Canal Therapy, there are no promises or guarantees of anticipated results. Nevertheless, I agree to assume the risks, possible unsuccessful results and/or failure associated with, but not limited to the following:

1. A Retreated Tooth may Remain Tender or Painful for a Period of Time: Both during therapy and through the healing process that follows a retreated tooth may remain tender or painful for a period of time. If pain is severe or swelling occurs, it is imperative to call this office immediately. There is also a possibility of numbness occurring and/or persisting in the tongue, lips, teeth, jaws, and/or facial tissues which may be a result of the anesthetic administration or from treatment procedures. This numbness is usually temporary, but, in rare instances, could be permanent.

2. Root Canal Treated Teeth Must be Protected: During and after treatment, your tooth, in most instances, will have only a temporary material placed. Should this come out during or after treatment, you must contact this office immediately to arrange for a replacement. Root canal treated teeth may become brittle and, due to undermined or reduced tooth structure, may be subject to cracking or fracturing. Crowning or capping the treated tooth is the best measure to help avoid this from occurring; this procedure should be performed as soon as possible after treatment

3. Extensive Complicated Treatment may be Necessary: When re-treatment is necessary, the removal of the previous root canal filling material may involve difficulties such as pulp chamber or root perforation, root fracture, or other complications. This may possibly necessitate referral to a specialist or may even require extraction of the tooth.

4. Instrument Separation: Because of the fragility and small diameter of root canal instruments used in root canal treatment, there exists the possibility of instrument separation (breakage) which may or may not be detected at time of treatment. Although it is often possible to bypass or incorporate separated instruments within the filling material, instrument separation may result in the need for retreatment, surgical retrieval or extraction of the tooth.

5. Root Canal Therapy is not Always Successful: Many factors influence success: adequate gum tissue attachment and bone support; oral hygiene; previous and present dental care; general health; trauma; pre-existing undetected root fractures, accessory or lateral canals; etc. It may be difficult to place fillings material to the end of the tooth (underfill) or some filling material may extrude from the tooth (overfill) which can, in some cases cause inflammation, nerve damage resulting in temporary or in rare cases, permanent numbness of the lip. Surgery may be required to remove excess filling material or residual infection. Even though a tooth may have appeared to be successfully treated, there is always the possibility of failure making additional root surgery (Apicoectomy) or extraction necessary. If a bridge abutment or crowned tooth requires endodontic therapy, the chance for perforation is enhanced due to obscured anatomy.

6. A Previously Treated Tooth may Subsequently Become Infected: Should this occur, it may be difficult to control the infection with re-treatment only of the root canal and/or administration of antibiotics. The tooth may require a procedure called an apicoectomy that entails surgical removal of the end of the root and placement of fillings material. In most instances, this treatment will take care of the problem. However, at times this procedure may not produce the desired result and preservation of tooth may not be possible. Infections can sometimes be hard to control and hospitalization may become necessary.

7. A crown abutment or crown (cap) may be damaged or destroyed during access preparation, or other procedures as part of endodontic therapy. Porcelain is particularly susceptible to fracture or cracking and an existing porcelain crown may have to be remade, particularly if the pre-existing crown is all-porcelain in design.

8. Root Fracture is One of the Primary Reasons for Root Canal Failure: Unfortunately, “hairline” cracks are almost always invisible and undetectable. Causes of root fracture are trauma, inadequately protected teeth, initial cracking of the coronal portion of the tooth, pre-existing large fillings, improper bite, excessive wear, habitual grinding of teeth, etc. Root fracture after or prior to treatment usually necessitates extraction.

9. There are Alternatives to Root Canal Treatment: These alternatives (though not of choice) include: no treatment; extraction and bone placement; extraction followed bridge or partial denture placement; and/or extraction followed by implant and crown placement.

10. Medications: Analgesics and/or antibiotics may need to be prescribed depending on symptoms and/or treatment findings. Prescription drugs must be taken according to instructions. Women on oral contraceptives must be aware that antibiotics cause contraceptives to become ineffective. Other methods of contraception must be utilized during the treatment period.

11. Irrigants: During root canal therapy, irrigants are used to enhance tissue removal and to disinfect the tooth. Occasionally these irrigants may enter the surrounding tissue or bone and can cause pain, swelling, inflammation and in rare cases, tissue necrosis.

12. Long Appointments: There is the potential for long appointments to complete the procedures, and jaw muscles may be sore following the procedure. A pre-existing jaw problem (TMJ) may be aggravated by endodontic treatment due to extended opening.

Once treatment is begun, it is absolutely necessary that the root canal treatment be completed. One or more appointments may be required to complete the treatment. It is the patient's responsibility to seek attention should any unanticipated or undue circumstances occur. Also, the patient must diligently follow any and all preoperative and/or postoperative instructions given by the dentist and/or the staff.

Informed Consent: I have been given the opportunity to ask any questions regarding the nature and purpose of **Root Canal Re-Treatment** and have received answers to my satisfaction. I have been given the option of seeking this treatment from a specialist. I do voluntarily assume any and all possible risks including, but not limited to, those listed above, including risk of substantial harm, if any, which may be associated with any phase of this treatment in hopes of obtaining the desired potential results, which may or may not be achieved. No promises or guarantees have been made to me concerning the results. The fee(s) for this service have been explained to me and are satisfactory. By signing this document, I am freely giving my consent to allow and authorize Gunnerson Dental and/or their associates or agents to render any treatment necessary and/or advisable to my dental condition(s), including prescribing and administering any and all anesthetics and/or medications. I understand it is my responsibility to inform the doctor of ALL the medications I am currently taking as well as any allergies.

Sign Form

To the best of my knowledge, the questions on this form have been accurately answered. I understand that providing incorrect information can be dangerous to my (or patients') health. It is my responsibility to inform the dental office of any changes in medical status.

I consent to use Electronic Records and Signatures.: []

Relation to Patient:

I certify that I have explained to the patient and/or the patient’s legal representative the nature, purpose, benefits, known risks, complications, and alternatives to the proposed procedure. The patient and/or patient’s legal representative has voiced an understanding of the information given. I have answered all questions to the best of my knowledge, and I believe that the patient and/or legal representative fully understands what I have explained.

I consent to use Electronic Records and Signatures.: []