

**SILVER DIAMINE FLUORIDE TREATMENT CONSENT**

Patient Name: \_\_\_\_\_

Silver Diamine Fluoride is a medication that is applied to an active area of decay (cavity) to kill the bacteria causing the cavity, prevent the formation of a plaque layer on the treated surface, and strengthen the tooth. This is all done without the need for anesthetic or a dental drill.

Silver Diamine Fluoride (SDF) is a 38% topical solution containing ammonia and silver fluoride. Silver fluoride has been used since the 1970's in other parts of the world including Japan, China, Australia and more recently in South America. It was recently cleared by the FDA to manage hypersensitive teeth and clinical trials have suggested that SDF is more effective than other fluoride agents in halting the decay process.

It is very important that you are made aware that treating cavities with this medicine will cause color changes to the lesion/cavity. The areas of the tooth with active decay will turn **dark black** as the medicine is working. The healthy areas of the tooth will not be effected and will remain their natural tooth color. The black color indicates that the treatment is successful. Other safety issues include possible gingival discoloration that goes away and risk of fluorosis. There have been no studies of fluorosis in children to date, however serum concentration of fluoride and silver in adults after application was below the US EPA oral reference dose.

It is also important that you are aware that this medicine will treat the bacteria causing tooth destruction, but will not restore the tooth structure that has already been effected by the disease process. You or your child may still require restoration of the teeth possibly including fillings, crowns or nerve treatment if there is substantial loss of tooth structure. Drs. Genova or Brandler will discuss the recommended timing of this treatment, if any, and will discuss the best way to provide this treatment to ensure that you or your child receives treatment in the least invasive, most predictable and least traumatic way possible. There may be a separate treatment plan for the actual restoration (filling, crown and/or nerve treatment) of the treated tooth.

As the patient receiving treatment or the parent or legal guardian of the above patient, I grant Drs. Genova or Brandler permission to provide the dental treatment discussed above. I also understand that this treatment may not be covered by my insurance (if applicable) and any estimates of insurance coverage discussed by any staff member is only provided as courtesy.

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 Patient or Parent/ Legal Guardian Signature      Relationship      Date

Sample pictures of teeth treated by Silver Diamine Fluoride

