

## Use of CSDS Silver Fluoride /Stannous Fluoride on Open Carious lesions in Primary Molars and Root Surfaces in Adults.

### Indications:

Used to treat active carious lesions:

1. In primary molar teeth where the lesion has reached the point of distinct cavitation.
2. Root-surface caries in the elderly in sites where aesthetics are not of importance.

### Contraindications:

1. Use on lesions that have reached the dental pulp.
2. Use on lesions in anterior teeth and in permanent posterior teeth in sites where aesthetics are of importance. Patients must be warned that lesions treated with 40% Silver Fluoride and 10% Stabilised Stannous Fluoride will turn black.

### Instructions for use:

1. Isolate tooth with lesion to be treated with cotton rolls. For teeth in the lower posterior quadrants, the use of Garmers Clamps is mandatory.
2. Place one drop of 40% Silver Fluoride in a dappen dish.
3. Dip micro-brush in solution.
4. Wet surface of lesion using the micro-brush and leave solution in place for 1 to 3 minutes.
5. Place one drop of Stabilised Stannous Fluoride into another dappen dish.
6. Dip a new microbrush into the stannous fluoride and apply to the previously treated site. (This reduces free ionic silver and forms a black deposit).
7. Wipe off excess with a pellet of cotton wool.
8. Cover the treated site with a Orabase Protective Paste (Convatec) or *Duraphat Varnish* and dismiss patient. The Orabase Paste will slowly dissolve in mouth fluids.
8. Review treated site in around 3 weeks. As long as the surface of the lesion remains black over time it is a sign of caries arrestment. Treatments can be topped up every 3 to 4 months if required.

### Precautions:

1. To be used by dental professionals only.
2. Keep in a safe storage area out of the reach of children.

### Handling silver stains

On skin - apply colourless iodine with very gentle rubbing. Stain will slowly disappear. (If nothing is done stain will gradually disappear after a few days).

On clothing - prolonged soaking in Napisan (the mild bleach used for clothes or babies' diapers).

On bench tops - apply household bleach (sodium hypochlorite) immediately. Some stains don't become evident until some time later so use the technique below.  
Apply household bleach evenly over a paper napkin, lay the napkin over the affected area and leave overnight.