

Removing Mercury (Silver) Amalgam Fillings

Patient's Name: _____ Date: _____

Patient's Signature: _____



PROTECTION FOR YOU

- Slurry of charcoal or similar adsorbent to rinse and swallow before the procedure
- Impermeable body barrier, including full head, face and neck barrier
- Impermeable body barrier only
- External oxygen delivered via a nasal hood
- Non-latex dental dam placed and properly sealed
- Saliva ejector placed under the dental dam
- At source high-volume oral aerosol vacuum (DentAirVac) in close proximity to the mouth
- High-speed, high-volume intraoral suction system to capture mercury discharges
- Copious amounts of water to reduce heat generated during the removal process
- Amalgam sectioned into chunks and remove in as large of pieces as possible, using a small diameter carbide drill
- After removal, the dental dam is discarded and the mouth is thoroughly rinsed with water
- All protective equipment is removed, a new dental dam is placed and the new biocompatible filling(s) and/or crown(s) are placed

PROTECTION FOR US

- Protective gown for the dentist and dental assistant
- Non-latex nitrile gloves for the dentist and dental assistant
- Mercury absorbing charcoal face mask for the dentist and dental assistant
- During maintenance of the suction trap in the operatory and maintenance of the amalgam separator attached to the main suction unit, the dental assistant utilizes the appropriate personal protection equipment

PROTECTION FOR THE ENVIRONMENT

- A suction trap in the operatory that collects all the large amalgam chunks during the removal process
- An amalgam separator attached to the main suction unit that collects any amalgam that bypasses the suction trap and prevents mercury from entering the community waste water system
- High-volume room air filtration system such as an at source oral aerosol vacuum (DentAirVac)
- Compliance with federal, state, and local regulations addressing the proper handling, cleaning, and/or disposal of mercury-contaminated components such as clothing, equipment and surfaces of the operatory