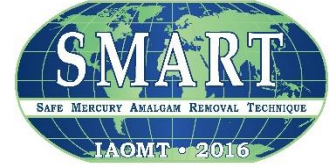


**INTERNATIONAL ACADEMY OF ORAL MEDICINE AND TOXICOLOGY (IAOMT)'s
SAFE MERCURY AMALGAM REMOVAL TECHNIQUE (SMART)
PATIENT-DENTIST CHECKLIST**

Protocol Recommendations as of December 6, 2016

This checklist can be utilized by patients and dentists to ensure that both parties agree upon the procedures to be utilized during amalgam removal.



Today's Date: _____

Removal Date: _____

Patient Name: _____

Dentist Name: _____

PATIENT PROTECTION

- Slurry of charcoal, chlorella, or similar adsorbent for patient to rinse and swallow before the procedure
- Full body, impermeable barrier, as well as full head/face/neck barrier under/around the dam
- External air or oxygen delivered via a nasal mask for the patient OR via nasal cannula completely covered with an impermeable barrier
- Dental dam made with non-latex nitrile material placed and properly sealed in the patient's mouth
- Saliva ejector placed under the dental dam
- At source oral aerosol vacuum in close proximity to patient's mouth
- Clean Up device (not essential but preferred)
- Copious amounts of water to reduce heat and a conventional high speed evacuation device to capture mercury discharges
- Section amalgam into chunks and remove in as large of pieces as possible, using a small diameter carbide drill
- After removal, the patient's mouth should be thoroughly flushed with water and then rinsed out with a slurry of charcoal, chlorella or similar adsorbent

DENTIST/STAFF PROTECTION

- Protective gowns and covers for the dentist and dental personnel
- Non-latex nitrile gloves for the dentist and dental personnel
- Face shields and hair/head coverings for the dentist and dental personnel
- Either a properly-sealed, respiratory grade mask rated to capture mercury or a positive pressure, properly-sealed mask providing air or oxygen for the dentist and dental personnel
- During the opening and maintenance of suction traps in operatories or on the main suction unit, dental staff should utilize the appropriate personal protection equipment

OFFICE & ENVIRONMENTAL PROTECTION

- An amalgam separator that is properly installed, utilized, and maintained
- High-volume air filtration system (such as an at source oral aerosol vacuum)
- If possible, open windows to reduce the mercury concentration in the air
- Compliance with federal, state, and local regulations addressing the proper handling, cleaning, and/or disposal of mercury-contaminated components, clothing, equipment, surfaces of the room, and flooring in the dental office