

Mead Mallet Cleaning & Sterilization

Mead Mallet Cleaning

Mead Mallet needs to be cleaned and thoroughly dried before it is sterilized. Mallet should be washed with a non-corrosive, low sudsing neutral detergent. Cleaning can be accomplished by ultrasonic or automated cleaning, which is preferred to minimize the opportunity of sharps injuries due to hand scrubbing. Salvin Dental does not suggest the use of any abrasive brushes or materials.

Mead Mallet Sterilization

There are three common methods of heat sterilization used in dental offices (steam autoclave, chemical vapor, and dry heat).

Steam Autoclave Method

- 10+ Minutes At 270°F / 132°C (15psi)
- Do Not Use Closed Containers
- May Damage Plastic And Rubber Items
- Non-Stainless Steel Metal Items Corrode
- Use Of Hard Water May Leave Deposits
- Dry Instruments at Least 10 Minutes

Unsaturated Chemical Vapor

- 20 Minutes At 270°F / 132°C (20-40psi)
- Do Not Use Closed Containers
- May Damage Plastic And Rubber Items
- Use Special Solution
- Dry Instruments Or Dip In Special Solution
- Provide Adequate Ventilation

Dry Heat Oven

- 60-120 Minutes At 320°F / 160°C
- May Damage Plastic And Rubber Items
- Do Not Open Door Before End Of Cycle
- Dry Instruments

Rapid Dry Heat Transfer

- 12 Minutes At 350°F / 177°C (For Wrapped Items)
- 6 Minutes At 350°F / 177°C (For Unwrapped Items)
- May Damage Plastic And Rubber Items
- Do Not Open Door Before End Of Cycle
- Dry Instruments

Stainless Steel Instruments

While stainless steel has superior corrosion resistance, it will discolor and corrode when exposed to higher than recommended chemical concentrations or certain chemicals. Stainless steel should not be exposed to the following chemicals: Sodium Hypochlorite (household bleach), Tartaric Acid (stain and tartar remover), Aluminum Chloride, Barium Chloride, Bichloride of Mercury, Calcium Chloride, Carboic Acid, Chlorinated Lime, Citri Acid, Dakin's Solution, Ferrous Chloride, Lysol, Mercuric Chloride, Mercury Salts, Phenol, Potassium Permanganate, Potassium Thiocyanate or Stannous Chloride. The following chemicals should NEVER be used with stainless steel: Aqua Regia, Ferric Chloride, Sulfuric Acid, Hydrochloric Acid or Iodine.



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