Hazardous Waste Management at the College of Dental Medicine

Franklin Watkins, Hazardous Materials Specialist
Environmental Health & Safety
EMS Policy: No Drain Disposal

No Drain Disposal Policy

All waste must be collected for safe and proper disposal through EH&S.
5 Rules of Hazardous Waste Management

- **coLLect**
- **Label**
- **Lid**
- **Locate**
- **Leaks**
Types of Hazardous Dental Waste
- Amalgam and capsules
- Chair side traps
- Lead Foil
- Extracted Teeth
- Aerosol Cans
- Batteries
- Chair Side Lamps
- X-ray Film
- Silver Recovery Units
- Pharmaceutical waste, including lidocaine & marcaine carpules
- Sharps
- Designated collection containers are found at each station utilizing amalgam.
- Amalgam and capsules must be collected in these containers.
- Once the chair side containers are full, they must be poured into the 5-gallon pre-labeled amalgam container located on each floor in VC.
- ALL extracted teeth, including those containing amalgam must be placed in non-hazardous waste containers along with a 10% bleach solution.
– Must be collected after use and placed into the designated 5-gallon or 1-gallon non-hazardous waste containers located on each floor.
Aerosol Cans

- Aerosol cans, even if empty, must have the original cap placed on the can or the nozzle removed.
Used Batteries

Battery Bin Location:
Presbyterian Hospital 8th Floor

*NO wet chemistry batteries
*NO sharps
Used Lamps

- Chair Lamps and Other Fluorescent Lamps
  - All lamps are recycled due to Mercury content.
  - VC 7&8- Contact Iris for disposal.
  - Other CODM Locations- Place online pickup request.
Silver recovery units must be affixed to every processor.

Used, unused and expired films must be collected for recycling.
Pharmaceutical Waste

- Epinephrine containing carpules (Empty or Full)
  - Including maricaine and lidocaine solution
  - Must be collected in non-hazardous waste containers, when unused.
  - Empty containers may be discarded in RMW.
Pharmaceutical Waste

- Expired or partially used medications may not be discarded in the trash, RMW or down the drain.
- CODM Pharmaceutical materials must be managed through the Pharmacy and returned to them after use.
- EH&S cannot accept DEA **Controlled Substances** as waste.
Sharps

- All sharps must be collected in red, puncture resistant sharps containers, including:
  - Needles
  - Razor Blades
  - Dental/Orthodontic wire
  - Pipettes
  - Pipette Tips
  - Broken glass that has come in contact with blood or bodily fluids
2nd Waste Review
What’s Wrong with these Pictures?