Training Outline

- No drain disposal
- Hazardous Materials Management
  - 5 L’s Rule
  - Hazardous Dental Waste
  - Amalgam, Capsules, Teeth
  - Chair Side Traps & Lead Foils
  - Aerosol Cans
  - Used Batteries & Lamps
  - X-ray Film & Silver Recovery
  - Pharmaceutical waste
  - Sharps
EMS Policy: No Drain Disposal

No Drain Disposal Policy

All waste must be collected for safe and proper disposal through EH&S.
Hazardous Materials Management: 5 L’s Rule

- **collect**
- **Label**
- **Lid**
- **Locate**
- **Leaks**
Hazardous Materials Management: Waste Management

Types of Hazardous Dental Waste

- Amalgam and capsules
- Chair side traps
- Lead Foil
- Extracted Teeth
- Aerosol Cans
- Batteries
- Sharps
- Chair Side Lamps
- X-ray Film
- Silver Recovery Units
- Pharmaceutical waste
  - lidocaine & marcaine carpules
Hazardous Materials Management: Amalgam & Capsules

- 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.
Hazardous Materials Management: Chair Side Traps & Lead Foils

Must be collected after use and placed into the designated 5-gallon or 1-gallon non-hazardous waste containers located on each floor.
Hazardous Materials Management: Aerosol Cans

Aerosol cans, even if empty, must have the original cap placed on the can or the nozzle removed.
1st Waste Review

Hazardous Materials
www.ehs.columbia.edu
Hazardous Materials Management: Used Batteries

Battery Bin Location: Presbyterian Hospital 8th Floor

No wet chemistry batteries
Hazardous Materials Management: Used Lamps

- Chair Lamps and Other Fluorescent Lamps
  - All lamps are recycled due to Mercury content
  - VC 7&8- Contact Iris for disposal
  - Place online pickup request for all other CODM locations
Hazardous Materials Management: X-Ray Film & Silver Recovery

Silver recovery units must be affixed to every processor

Used, unused and expired films must be collected for recycling
Hazardous Materials Management: 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
Hazardous Materials Management: 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

Hazardous Materials
www.ehs.columbia.edu
What’s Wrong With These Pictures?

Columbia University
Environmental Health and Safety

Hazardous Materials
www.ehs.columbia.edu
Thank you!

Please save ALL questions until the end of the training!