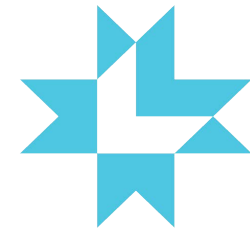
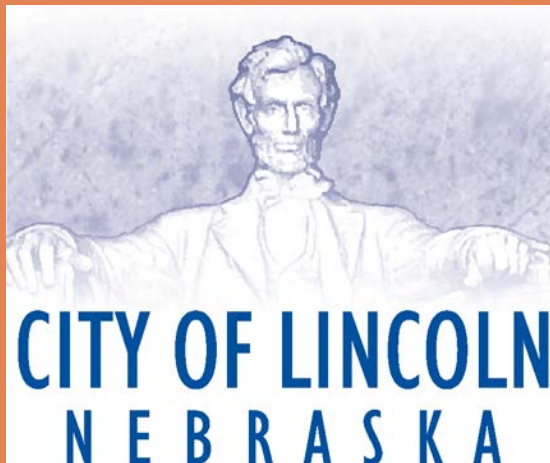


LLCHD Body Art Practitioner Seminar



Lincoln-Lancaster County
Health Department

Sanitation



Today's Topics

- Ultrasonics
- Sanitizers
- Personal Hygiene
- Facility Requirements
- Waste Disposal

Ultrasonic Overview

- Sound frequencies
- 20,000 – 100,000 cycles per second
- Cavitation shockwaves 20,000 lbs./ sq. in.
- High temp near 20,000° F - microscopically



Factors of Ultrasonic Cleaning

- Ultrasonic power
- Frequency of the bubble or operation
- The cleaning solution.

Ultrasonic Effectiveness

- Baseline Foil test
- Periodic Testing



Ultrasonic solutions

- Surface tensions
- Solubility
- Emulsification
- Rust Inhibition





Ultrasonics Procedures

- Pre-rinse
- Pre-soak tank
- Degassing
- Loading
- Cleaning Time
- Post-rinse
- Storage

Chlorine

- Bleach is Sodium Hypochlorite
- Concentration 50 to 100 ppm
- Broad spectrum, economical
- Corrosive

Iodophors

- Iodine compounds
- Broad spectrum
- Residual activity
- Discoloration and hard water problems

Phenolics

- Compounds containing phenol groups e.g. Benzylchlorophenol...
- Broad spectrum
- Residual
- Plastic and film buildup problems

Quaternary Ammonia

- Compounds containing Ammonium Chloride
- Broad Spectrum
- Residual
- Hard water inactivity
- Tuberculocidal

Gloves

- Powder free
- Problems with Latex
- Vinyl and Nitrile
- Change between tasks, inspect



Skin prep soap

- Green soap
- Hibiclens
- Vionox
- Provon



Facility

- Procedure area surfaces **smooth, non-absorbent, and washable**
- Pests, outer openings protected
- Autoclave
- One equipment cleaning sink/ establishment
- Maintained good repair

Facility

- One handwash sink per 3 practitioner/ stations



Facility

- Procedure lighting...
minimum
100 ft. candles



Facility continued

- Genitalia, buttock, and female breast work screened from public.
- One waste receptacle/ station
- Restrooms...self closing doors
- Smoking, eating, drinking ... break room that is not used for storage or cleaning of procedure equipment.

Wastes

- Licensed refuse hauler
- Infectious waste autoclaved..or..
- Double bagged, licensed IW hauler

