Fishbone Diagram
Assuring the Adequacy of Hand Hygiene By Healthcare Workers

**Procedures/Methods**

- Policy for decontaminating hands if moving from a contaminated body site to a clean-body site during patient care
- Policy for prohibiting the wearing of artificial nails & having chipped nail polish
- Policy for decontaminating hands if visibly soiled with proteinaceous or other materials
- Policy for decontaminating hands prior to patient contact *
- Policy for decontaminating hands if moving from a contaminated body site to a clean-body site during patient care
- Policy for decontaminating hands after contact with patient’s skin
- Policy for decontaminating hands after inserting indwelling urinary catheters, peripheral vascular catheters or other invasive devices
- Policy for decontaminating hands after contact with inanimate objects in the immediate vicinity of pt **
- Skills lab for demonstrating efficacy of individual hand hygiene technique (use of fluorescent agent/light)

**Equipment**

- Adequate number/location of sinks
- Adequate number/location/functional of towel dispensers
- Policy for using occasional water rinses to remove the sticky residue after serial use of alcohol-based agents
- Policy for washing hands w/soap before eating and after using restroom
- Policy for decontaminating hands if moving from a contaminated body site to a clean-body site during patient care
- Policy for decontaminating hands after contact with body fluids

**Materials**

- Antimicrobial soap agent (selection: low irritancy potential)
- Sterile gloves
- Non-sterile gloves
- Disposable paper towels
- Alcohol-based handrub agent
- Compatible emollient lotions
- Initial soaps either with/without antimicrobial agent
- Antimicrobial soaps for washing visibly soiled hands

**People**

- Adequate personnel training
- Adequate training, monitoring and feedback for non-NICU personnel entering NICU or caring for pts in areas outside the NICU
- Adequate monitoring & feedback
- Adequate staffing levels to enable all recommended processes to be accomplished in the available time

**Environment**

- Multidisciplinary focus to implementing hand hygiene policies
- Implement the National Fire Protection Agency rules for storing & locating alcohol-based dispensers in egress corridors & pt rooms
- Implement a continuous performance indicator monitoring system
- Monitor adherence to policies dealing with wearing of artificial nails

**Miscellaneous**

- When outbreaks occur, assess the adequacy of healthcare-worker hand hygiene
- Monitor the volume of alcohol-based hand rub used per 1000 pt days

*alternatives: alcohol-based rubs or washing hands with antimicrobial soap & water

**including medical environment**