Chasing Zero

Quality & Safety June 2021

Infection Prevention





National Patient Safety Goals (NPSG) #7 The Joint Commission Infection Prevention & Control

- Hand Hygiene Guidelines (Compliance)
- Preventing Multi-Drug Resistant organisms (MDROs) e.g., MRSA, CRE, C.difficile

- Preventing Central Line Associated Bloodstream infections (CLABSI)
- Preventing Catheter Associated Urinary Tract Infection (CAUTI)
- Prevention of Surgical Site Infections
 (SSI)



Chain of Infection

Clinical identification Standard precautions of lesions Health of dental team INFECTIOUS AGENT *Immunizations* Treatment of Bacteria secondary infection Fungi Viruses Protozoa Rickettsiae RESERVOIRS Standard SUSCEPTIBLE precautions Standard ·People HOST precautions Equipment Immunosuppressed Instruments Medically Water (from compromised tubing) Elderly PORT OF ENTRY PORT OF EXIT Mucous Secretions membrane Saliva, blood GI tract Skin and mucous Standard Respiratory tract membrane precautions Broken skin Immunizations Droplets Eyes TRANSMISSION Direct contact Indirect contact Waste disposal Fomite, vector Standard Airborne precautions Standard precautions Control of aerosols

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What is the best way to prevent the spread of infection?



Hand Hygiene



Hand Hygiene can mean washing your hands with soap and water or with an alcohol based -hand rub (ABHR).



Wash thoroughly for 15-20 seconds.

Once hands are dry they are considered to be clean.



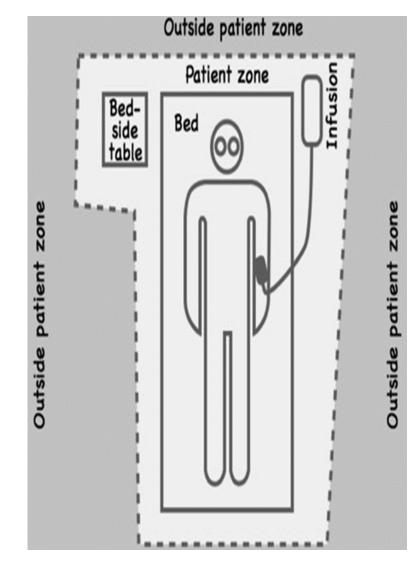
Indications for Hand Hygiene







- Before and after Contact with each patient.
- ✓ After contact with blood, bodily fluids, mucous membranes, secretions, excretions, and nonintact skin even if gloves are worn.
- ✓ After Contact with an inanimate object that is potentially contaminated.
- ✓ When moving from a contaminated body-site to a clean body site during patient care.
- ✓ Before handling food or eating.
- ✓ After using the bathroom, eating, coughing or sneezing.
- ✓ Before donning gloves and after removing them.
- ✓ Before administering medication.
- ✓ Before performing an invasive procedure such as inserting a central venous catheter, urinary catheter, peripheral vascular catheter, or other invasive devices.
- ✓ When hands are visibly soiled.



Northwell Hand Hygiene Policy

No artificial nails, extenders, gels, shellacs or tips- they harbor bacteria & fungi



Natural nail length should be ¼ inch or shorter



Wear only 1 ring per hand, avoid those excessive grooves or facets- no bracelets unless medical alert





