

INFECTION CONTROL MEASURES

By

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INFECTION CONTROL MEASURES

- Routes of transmissions
 - Contact
 - Vehicle
 - Airborne
 - Vector borne

CONTACT

- Direct contact
 - Giving bath
 - Performing procedure
 - Changing dressing

Contact

- Indirect contact
 - Contaminated instruments
- Droplet contact
 - Close contact

Vehicle route

- Contaminated blood & blood products
- Secretions
- Bedding covers

Airborne Route

- Droplets infection
 - Dust particles
 - Droplets nuclei

Vector borne

- Mosquito
- Flies
- Cockroach

Protective Measures

- Source isolation
 - Confine the infectious agent
- Protective isolation
 - Immunocompromised patient

Diseases to isolate

- Diarrhea
- Rashes
- PUO
- Open TB
- Cellulitis & sore throat
- MRSA
- GRE
- Resistant Gm –ve organism

Isolation Procedures

- Explain to patient
- Remove extra equipment
- Protective covers
- Health care taker should be immune to disease

Equipment required outside the Room

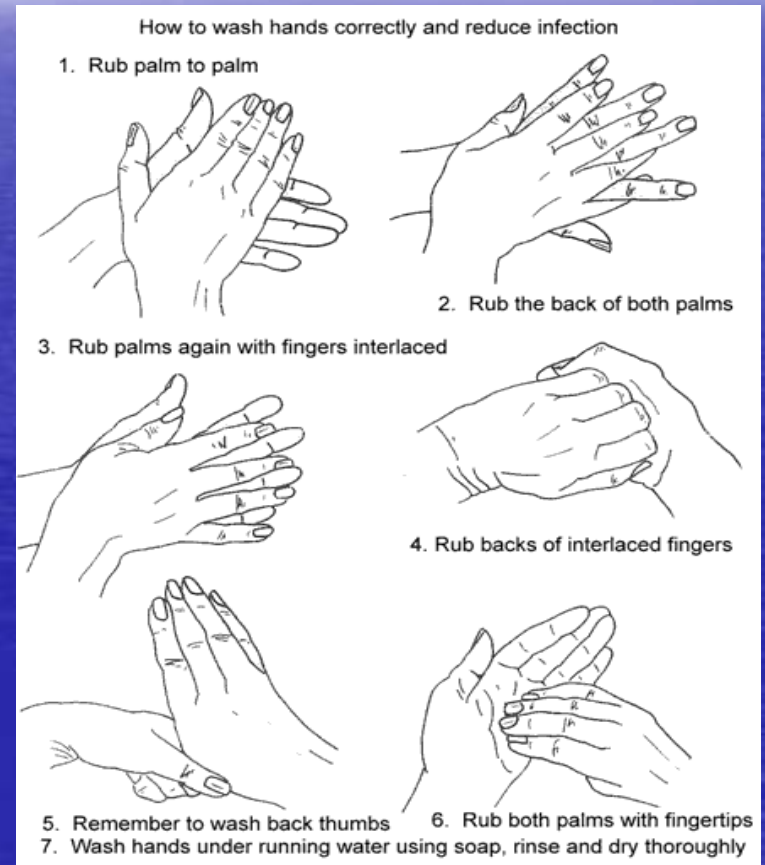
- Notice
- Disposable aprons
- patient's file
- Plastic bags
- Chlorhexatidine hand wash

Equipment required inside the Room

- Disposable gloves
- Disinfectant hand wash
- Paper towel
- Yellow plastic bag
- Red plastic bag
- Foot operated Bins

Hand wash

- Important single way of reducing cross infection



Important Do's

- Roll up sleeves above elbow
- Remove Jewellery
- Squeeze liquid soap into palm of hands
- Hold hands below elbow
- Rub, Rinse & Dry

When to wash hands

- Before & after wearing gloves
- Contact with infected material
- Isolation room

Disinfectant hand wash

- Body fluid
- Aseptic technique
- Before & after ICU shift

Disinfectant

- Chlorhexadine gluconate
- Povidine iodine

NICU & PICU Protective Measures

- Staff free of infection
- Barrier nursing
 - Change of shoes
 - Gowns, caps & mask
 - Hand washing
 - Restriction of visitors

Contt...

- Isolate infected patents
- MRSA
 - Referral from Other hospital
 - Positive mother
 - Nosocomial infection
- Septic patients
 - Dai handled
 - Prolong rupture of membrane
 - Infectious diseases

Control Measures

- Hand hygiene
- Environmental hygiene
- Equipment cleaning
 - Incubator
 - Suction machine
 - Tubings
 - Ventilator
 - Stethoscopes & thermometer

Control Measures

- Swabs for C/S
- Proper disposal
 - Needles
 - Nappies
 - Tubes
- Nurse one patient in one crib
- Fumigate the NICU

Take home message

- Proper hand washing

Thankyou