



Monkeypox: IPC guidelines

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Outline of presentation



- ❑ Introduction
- ❑ Modes of transmission
- ❑ IPC during healthcare



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Introduction



- Monkeypox is a viral zoonotic disease; it is a contagious disease with an incubation period from 1 -25 days

5 - 21 days

1 - 4 days

2 - 4 weeks

days-weeks

Incubation
stage

Febrile
stage

Rash
stage

Recovery
stage



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Introduction



- Primary infection: from animals to humans
- Secondary infection: Human to human
- Characterized by fever and rash
- If a patient seeking care is suspected to have monkeypox, infection prevention and control personnel should be notified immediately.
- Those with smallpox vaccination have cross immunity; meaning the older population is less vulnerable



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Modes of transmission



- The main mode of transmission is via **contact** with monkey pox vesicles on the skin.
- **Droplet** is secondary because of skin scales being inhaled
- Airborne is **NOT** considered as a mode of transmission currently



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IPC during health care



- Isolation room or space
- Hand hygiene
- Gown/apron, mask, goggles and gloves
- Cleaning and disinfection of surfaces
- Safe handling of linen
- Waste management



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Patient placement/ Isolation



- Single-person room with en-suite facility or
- Initiate bed space isolation, 2 meters apart from next patient.
N.B. **No** special ventilation is required.
- If no dedicated toilet facilities-assign a toilet or use bedpan/commode
- Put isolation sign: Contact precautions
- Put unused PPE, clinical notes outside isolation room/ zone
- Keep door closed



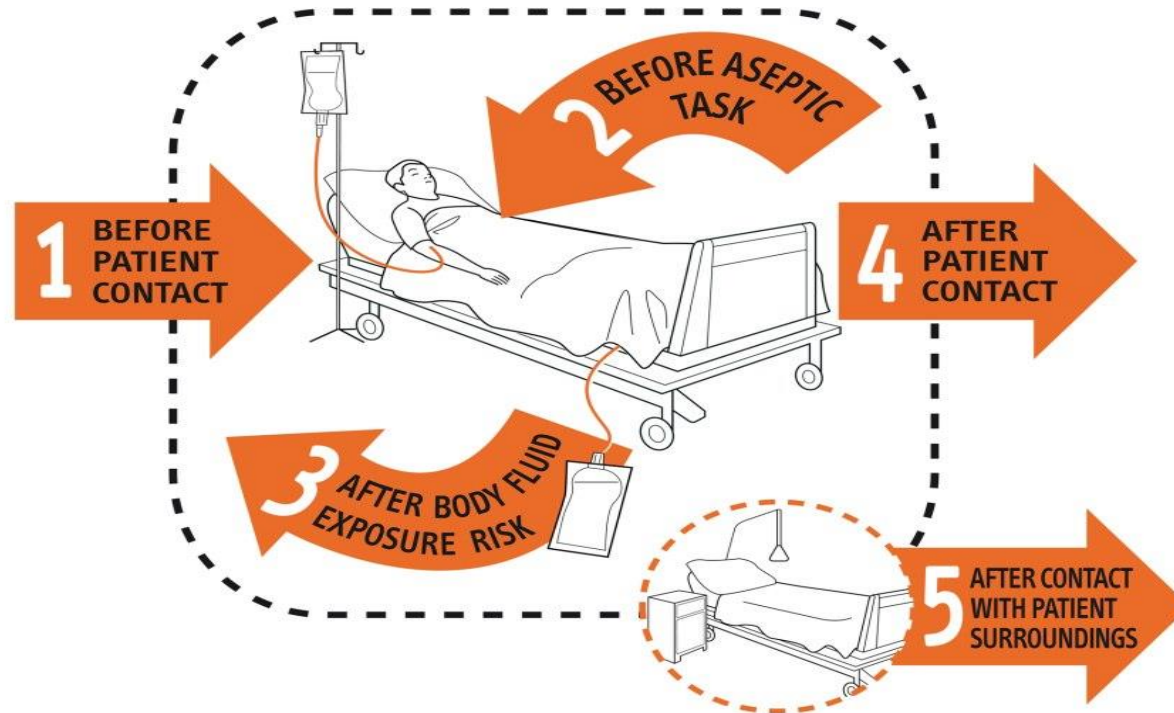
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5 moments of hand hygiene



5 moments for HAND HYGIENE



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Personal Protective Equipment



Long sleeves
gown

Gloves



Goggles or face shield

Surgical masks or face shield

Closed
shoes



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PPE continued



HOW TO PUT ON PPE?



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PPE cont.



HOW TO TAKE OFF PPE?

				
Step 1 Remove gloves and gown	Step 2 Perform hand hygiene	Step 3 Remove goggles from behind/side	Step 4 Remove mask from behind	Step 4 Perform hand hygiene



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Cleaning and disinfection



- Wet cleaning methods are preferred.
- Use dedicated cleaning material (yellow cloth/ bucket)
- Clean all surfaces with detergent and water
- Disinfect using 70% alcohol or hypochlorite solution (concentration of 1000ppm, usually 2 sachets to 4.5L of water)
- Dishes can be washed with detergent in automated dishwasher or manually cleaned in hot water (>55°c) while wearing domestic gloves



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Linen and laundry management



- Wear appropriate gown, gloves, apron, and face shield when handling linen
- Never shake the soiled laundry, protective clothing, bed linens, or handle in manner that may disperse infectious particles
- Roll the linen gently and place in an infectious linen bag
- Send to laundry marked infectious.
- Wash linen at 80 degrees C for 3 minutes (hot cycle)



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Safe disposal of waste



- Minimize infectious waste produced
- Segregate at point of generation
- Collect waste with appropriate containers (fill 3/4 full)
- Transport to designated area
- Storing at controlled access area
- Treatment
- Disposing



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References



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Thank you!



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