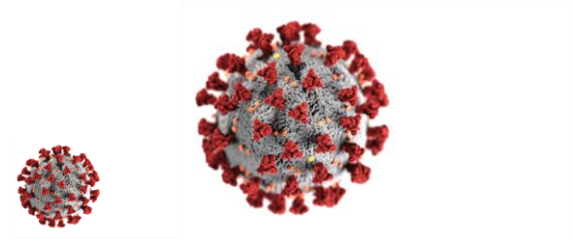


16th March 2020

SOP on Health Care Waste Management for COVID-19

HEALTH PROTECTION AGENCY

MINISTRY OF HEALTH MALDIVES



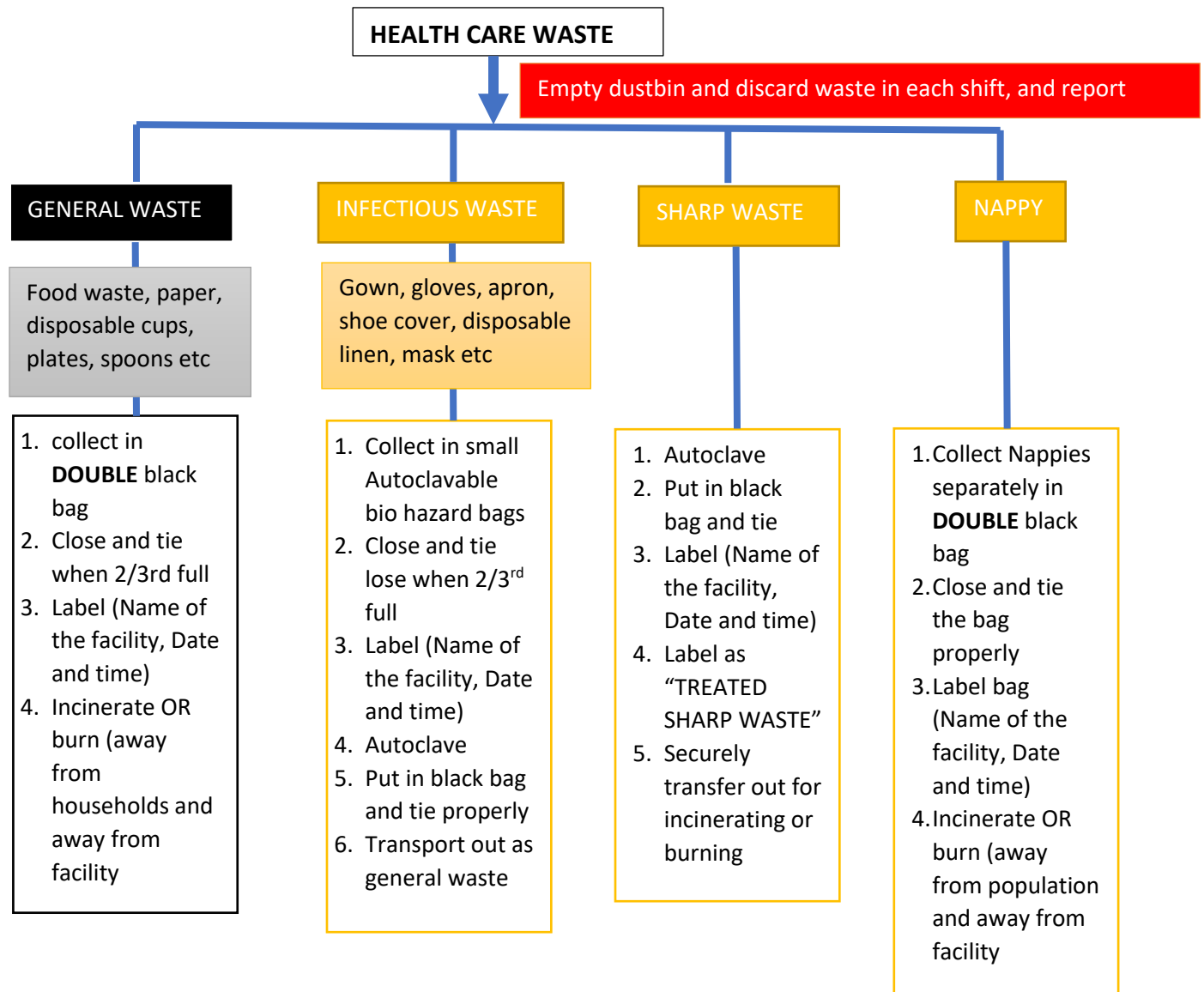
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GENERAL INSTRUCTIONS

1. All health care waste produced during the care of COVID-19 patients must be considered as infectious waste and should be collected safely in designated containers and bags, treated and then safely disposed (WHO).
2. Train the staffs who are assigned in handling and disposal of waste management
3. Train staffs on how to put and remove PPE.
4. Ensure necessary PPE (Gown, gloves, face mask, goggles or face shield, gumboots) is provided to all staffs.
5. Ensure staffs wear PPE when handling and disposing waste according to the guideline.
6. If any waste handler develops symptoms of COVID-19 seek medical.

INSTRUCTIONS ON WASTE DISPOSAL FOR FACILITIES WITH WASTE AUTOCLAVES

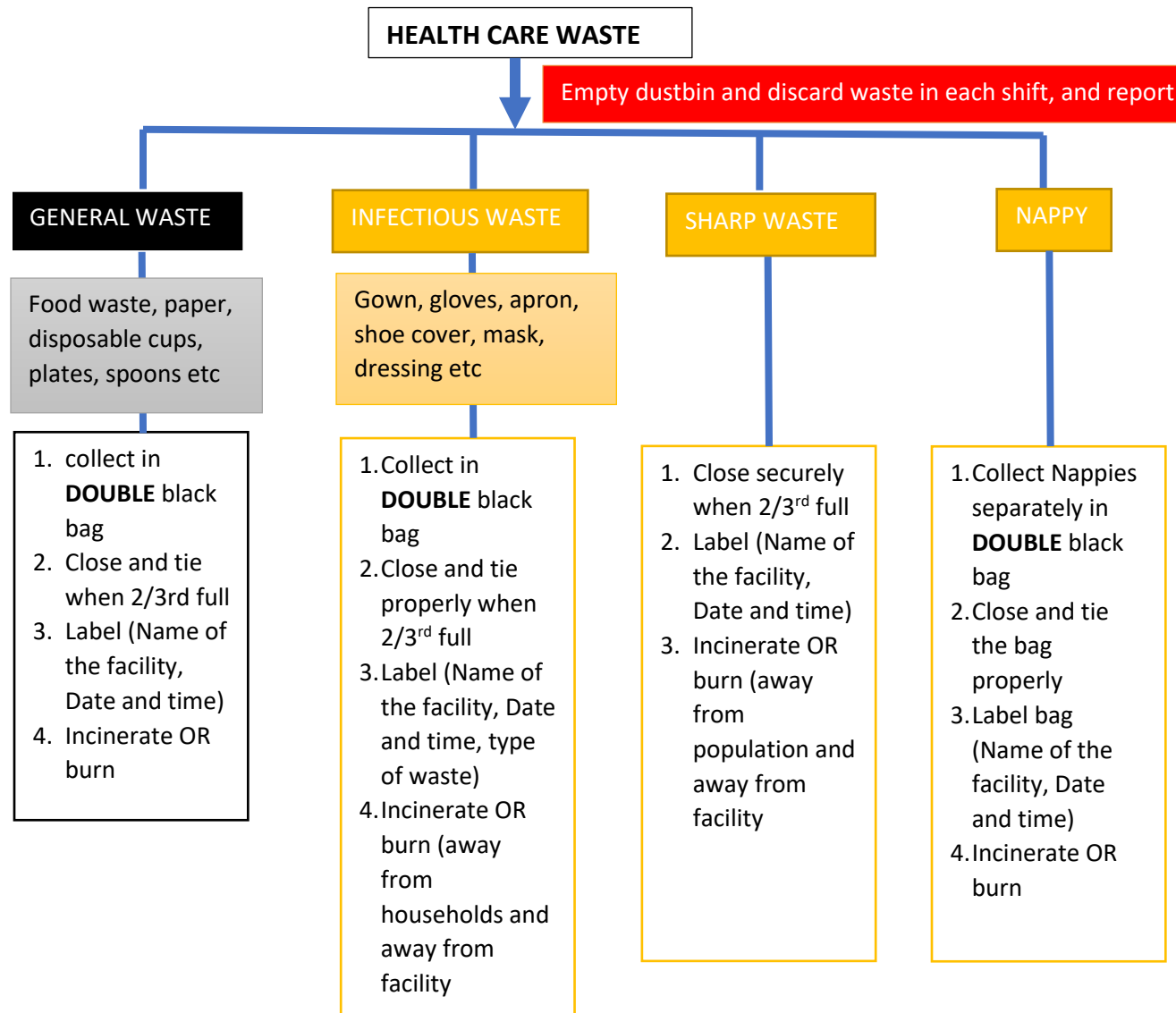


Wear FULL PPE before handling waste (follow the sequences of putting on and removal of PPE)

Procedure for burning of general waste (Instructions by Ministry of Environment):

1. Remove/cut lid of an empty oil barrel (standard size)
2. Cover 30 to 40 cm of barrel with sand
3. Put waste on top of sand and burn
4. Burn waste away from households, health care facilities

INSTRUCTIONS ON WASTE DISPOSAL FOR FACILITIES WITH NO WASTE AUTOCLAVE



Wear FULL PPE before handling waste (follow the sequences of putting on and removal of PPE)

Procedure for burning of general waste (Instructions by Ministry of Environment):

1. Remove/cut lid of an empty oil barrel (standard size)
2. Cover 30 to 40 cm of barrel with sand
3. Put waste on top of sand and burn
4. Burn waste away from households, health care facilities

PERSONAL PROTECTIVE EQUIPMENTS

Waste handlers must wear the following PPE's.

- Heavy Duty Gloves
- Gowns
- Face Shields
- Head Covers
- Masks
- Gumboots

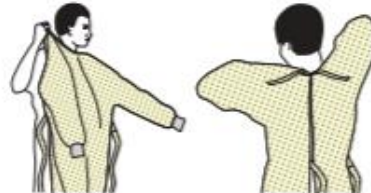
SEQUENCE FOR PUTTING ON PPE

SEQUENCE FOR PUTTING ON PERSONAL PROTECTIVE EQUIPMENT (PPE)

The type of PPE used will vary based on the level of precautions required, such as standard and contact, droplet or airborne infection isolation precautions. The procedure for putting on and removing PPE should be tailored to the specific type of PPE.

1. GOWN

- Fully cover torso from neck to knees, arms to end of wrists, and wrap around the back
- Fasten in back of neck and waist



2. MASK OR RESPIRATOR

- Secure ties or elastic bands at middle of head and neck
- Fit flexible band to nose bridge
- Fit snug to face and below chin
- Fit-check respirator



3. GOGGLES OR FACE SHIELD

- Place over face and eyes and adjust to fit



4. GLOVES

- Extend to cover wrist of isolation gown



USE SAFE WORK PRACTICES TO PROTECT YOURSELF AND LIMIT THE SPREAD OF CONTAMINATION

- Keep hands away from face
- Limit surfaces touched
- Change gloves when torn or heavily contaminated
- Perform hand hygiene



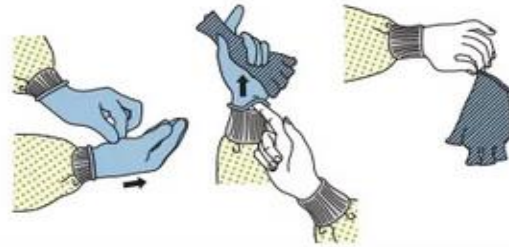
SEQUENCE OF REMOVING PPE

HOW TO SAFELY REMOVE PERSONAL PROTECTIVE EQUIPMENT (PPE) EXAMPLE 1

There are a variety of ways to safely remove PPE without contaminating your clothing, skin, or mucous membranes with potentially infectious materials. Here is one example. **Remove all PPE before exiting the patient room** except a respirator, if worn. Remove the respirator **after** leaving the patient room and closing the door. Remove PPE in the following sequence:

1. GLOVES

- Outside of gloves are contaminated!
- If your hands get contaminated during glove removal, immediately wash your hands or use an alcohol-based hand sanitizer
- Using a gloved hand, grasp the palm area of the other gloved hand and peel off first glove
- Hold removed glove in gloved hand
- Slide fingers of ungloved hand under remaining glove at wrist and peel off second glove over first glove
- Discard gloves in an infectious* waste container



2. GOGGLES OR FACE SHIELD

- Outside of goggles or face shield are contaminated!
- If your hands get contaminated during goggle or face shield removal, immediately wash your hands or use an alcohol-based hand sanitizer
- Remove goggles or face shield from the back by lifting head band or ear pieces
- If the item is reusable, place in designated receptacle for reprocessing. Otherwise, discard in an infectious* waste container



3. GOWN

- Gown front and sleeves are contaminated!
- If your hands get contaminated during gown removal, immediately wash your hands or use an alcohol-based hand sanitizer
- Unfasten gown ties, taking care that sleeves don't contact your body when reaching for ties
- Pull gown away from neck and shoulders, touching inside of gown only
- Turn gown inside out
- Fold or roll into a bundle and discard in an infectious* waste container

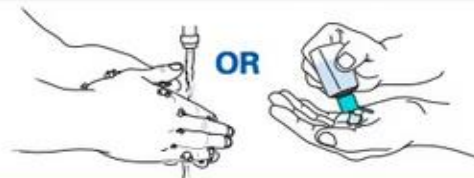


4. MASK OR RESPIRATOR

- Front of mask/respirator is contaminated — DO NOT TOUCH!
- If your hands get contaminated during mask/respirator removal, immediately wash your hands or use an alcohol-based hand sanitizer
- Grasp bottom ties or elastics of the mask/respirator, then the ones at the top, and remove without touching the front
- Discard in an infectious* waste container



5. WASH HANDS OR USE AN ALCOHOL-BASED HAND SANITIZER IMMEDIATELY AFTER REMOVING ALL PPE



* An infectious waste container is used to dispose of PPE that is potentially contaminated with Ebola virus.

PERFORM HAND HYGIENE BETWEEN STEPS IF HANDS BECOME CONTAMINATED AND IMMEDIATELY AFTER REMOVING ALL PPE



CLEANING THE WASTE BIN

1. The dustbins must be cleaned after removal of waste
2. First clean the dustbin properly with detergents and water
3. Then clean the dustbins with 1:9 bleach solution and dry

OFFSITE TRANSPORTATION OF HEALTH CARE WASTE


1. Designate a specific vehicle for the transfer of wastes from HCF
2. Designate separate, lidded bins to collect and transport wastes in vehicle
3. Ensure the staffs wear PPE when transporting waste
4. Ensure the staffs handle waste according to the guideline

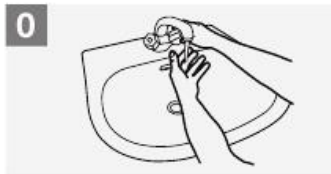
CLEANING THE VEHICLE

1. The vehicle must be cleaned immediately after transporting waste
2. First clean the vehicle properly with detergent and water
3. Then clean the vehicle with 1:9 bleach solution and dry

How to Handwash?

WASH HANDS WHEN VISIBLY SOILED! OTHERWISE, USE HANDRUB

 **Duration of the entire procedure: 40-60 seconds**



0 Wet hands with water;



1 Apply enough soap to cover all hand surfaces;



2 Rub hands palm to palm;



3 Right palm over left dorsum with interlaced fingers and vice versa;



4 Palm to palm with fingers interlaced;



5 Backs of fingers to opposing palms with fingers interlocked;



6 Rotational rubbing of left thumb clasped in right palm and vice versa;



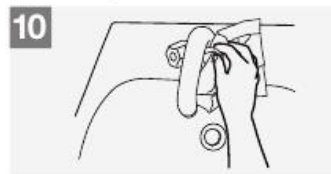
7 Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa;



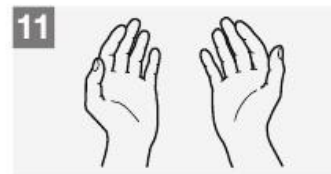
8 Rinse hands with water;



9 Dry hands thoroughly with a single use towel;



10 Use towel to turn off faucet;



11 Your hands are now safe.



World Health
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Patient Safety

A World Alliance for Safer Health Care

SAVE LIVES

Clean Your Hands

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