

Infection control for technologists and radiologists

Herein we illustrated an example, but we encourage you consulting the experts in your hospital or local authorities.

Standard Precaution

Patient : Wear a surgical mask

Medical personnel :

Use Personal Protective Equipment (PPE), i.e surgical mask, apron, gloves, and face shield/goggle.

When there is potential for aerosol transmission:

Use an N95 mask.

Don't forget to perform fit-check ahead of time

1. Infection control measures before the examination

#1. Hand hygiene



- ▶ Use enough amount of hand sanitizer
- ▶ Cover all surfaces until hands feel dry
- ▶ This should take around 20-30 seconds

1. Infection control measures before the examination

#2 Wear a long-sleeved gown



1. Infection control measures before the examination

#3 Put on a surgical mask



- ▶ Use an N95 mask when necessary

1. Infection control measures before the examination

#4 Wear gloves



1. Infection control measures before the examination

#5 Cover the couch with a sheet of disposable drape



1. Infection control measures before the examination

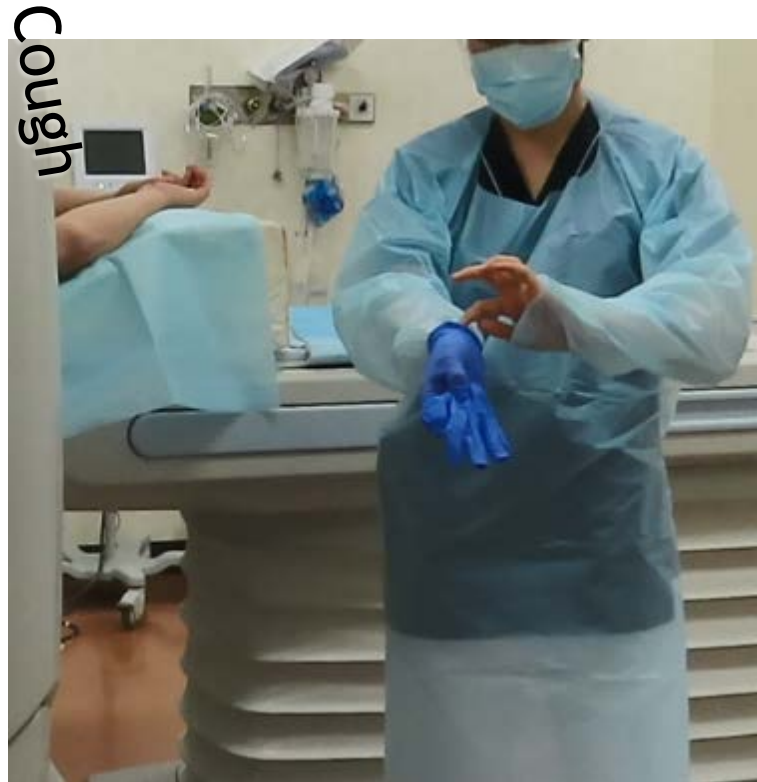
#6 Call in the patient (Let the patient wear a surgical mask)



The patient does not necessarily have to change clothes.

2. After positioning the patient

#1. Take off the PPE before entering the operation room



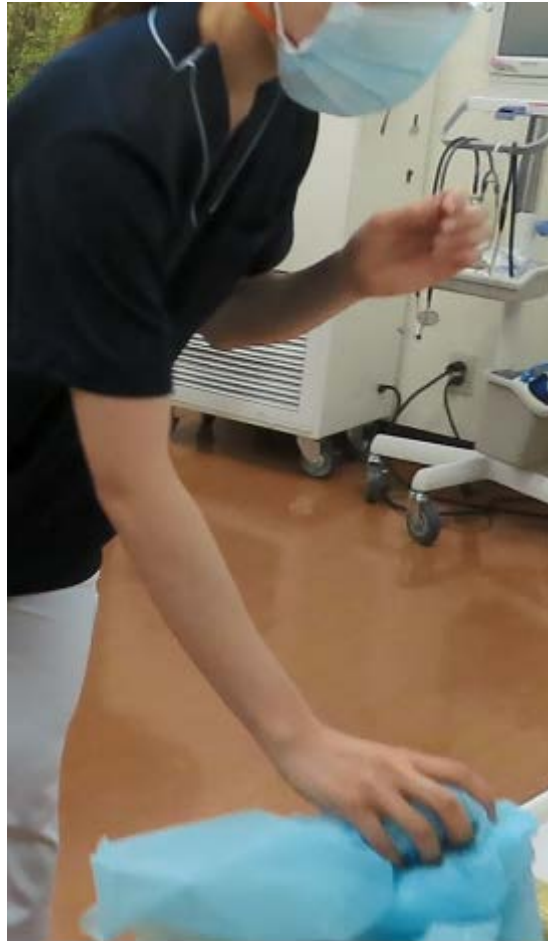
2. After positioning the patient

#2. Hand hygiene



2. After positioning the patient

#3 Take the gown off and discard it into the medical waste container



Treat the front side of PPE as being contaminated.

2. After positioning the patient

#4. Hand hygiene



2. After positioning the patient

#5 Take off the mask(s)



2. After positioning the patient

#6. Hand hygiene



- ▶ And now you are ready to come back to the operation room.

3. After the examination (how to lead the patient out of the room)

#1. Hand hygiene



Scan finished!



3. After the examination (how to lead the patient out of the room)

#2 Wear a long-sleeved gown



3. After the examination (how to lead the patient out of the room)

#3 Put on a surgical mask



3. After the examination (how to lead the patient out of the room)

#4 Hand hygiene and then wear gloves



4. Patient left. Now let's disinfect the room

#1 Take off the PPE and discard them in a medical waste container



4. Patient left. Now let's disinfect the room

#2. After the hand hygiene, wear apron and gloves.



4. Patient left. Now let's disinfect the room

#3. Discard the drape



4. Patient left. Now let's disinfect the room

#4. Clean the surface where patient might have touched



4. Patient left. Now let's disinfect the room

#5. Clean the doorknobs both inside and outside of the room.



- ▶ Do not forget cleaning the panels on CT scanner.

4. Patient left. Now let's disinfect the room

#6. Discard the PPE into the medical waste container.



4. Patient left. Now let's disinfect the room

#7. Air change if necessary.



- ▶ For COVID-19, air change is considered unnecessary unless there is potential for creating aerosol in the room.

That's it!

- ▶ Produced by the volunteers of JCR



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