KEY PROTECTION MANAGEMENT OF NUCLEAR MEDICINE IMAGING DURING THE OUTBREAK OF COVID-19

By Drs. Yangmeihui Song and Xiaoli Lan in Wuhan, China

1. Classify all patients, and divide them into three groups: ordinary patients, potential risk patients, and confirmed or suspected COVID-19 patients.
2. Postpone the examinations of the confirmed or suspected COVID-19 patients.
3. In case of emergency, arrange the examination of confirmed or suspected patients as the last one of the day.

Reservation

1. Measure body temperature for each patient.
2. Instruct the patient to wear a mask during the entire examination.
3. If the patient has accompanying persons, they are also required to wear masks and take temperature.
4. Disinfect the worktop in time.

Admission

Waiting Before Injection

1. Arrange the confirmed or suspected COVID-19 patients in an isolated room.
2. Patients are not allowed to walk around.
3. All other waiting patients need to keep an appropriate distance (no less than 1 meter).

Imaging Agent Injection

1. Hand sanitization after injection.
2. Dispose the used medical articles in a special container and destroy.
3. Disinfect the surface of blood glucose meters or other devices timely.
4. Disinfect the surface of operation tables and instruments in time.

Waiting After Injection

Imaging Acquisition

1. Arrange the confirmed or suspected COVID-19 patients in an isolated room.
2. Patients are not allowed to walk around.
3. All other waiting patients need to keep an appropriate distance (no less than 1 meter).

Rest After Scanning

1. Use disposable shoe covers and replace the disposable pad.
2. Instruct the patients to wear mask during the scanning.
3. Once the protective device or object is contaminated, replace them in time and disinfect hands.

Departure

1. Replace the disposable pad before the next examination.
2. Disinfect the place where the patient has been in contact in time.
3. After all patients finish the examinations, disinfect the machine and environment.