

8. Maintenance and Inspection

8.1 Daily inspection

8.1.1 Inspection before carrying out daily work

- (1) Inspection of operation panel
 - Inspection: Inspect the operation of push buttons and indicators, as well abnormalities in appearance.
 - Treatment: If any abnormalities are found, contact Hitachi, Ltd. or one of our certified dealers to schedule repair work.
- (2) Inspecting the operating space of the equipment
 - Inspection: Check for any obstacles such as chairs or baskets that are within the operating range of the scanner gantry and patient table.
 - Treatment: Move all obstacles out of the operating range of the equipment.
- (3) Inspecting wiring
 - Inspection: Ensure that all wires between devices are connected correctly and that there are no abnormal twists or bends in cables.
 - Treatment: If any abnormalities are found, contact Hitachi, Ltd. or one of our certified dealers to schedule repair work.

8.1.2 Inspection after carrying out daily work.....

- (1) Inspection of operation panel
 - Inspection: Inspect the operation of push buttons and indicators, and check for abnormalities in appearance, as well as for soiling.
 - Treatment: If any abnormalities are found, contact Hitachi, Ltd. or one of our certified dealers to schedule repair work.
Clean off any soiling if necessary. For details, refer to *8.1.3 Cleaning the equipment*.
- (2) Inspecting the scanner gantry and patient table
 - Inspection: Inspect the equipment for abnormalities such as scratches and dents, as well as for soiling.
 - Treatment: If any abnormalities are found, contact Hitachi, Ltd. or one of our certified dealers to schedule repair work.
Clean off any soiling if necessary. For details, refer to *8.1.3 Cleaning the equipment*.

8.1.3 Cleaning the equipment.....



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- While cleaning the equipment, ensure that no liquids enter inside. Be particularly careful to prevent fluids from entering the gaps between the keys and operation buttons when cleaning the operation panel and intercom box.
 - Do not use solvents such as thinner or benzene when cleaning. Doing so could damage the paint or coating.
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(1) Cleaning of operator console

Use neutral detergent (pH value: $6.0 \leq \text{pH} \leq 8.0$) for the cleaning. Dip a soft cloth such as gauze into the detergent and wipe off stains gently. It is important to prevent any detergent from dripping off.

(2) Cleaning the scanner gantry and patient table

Use neutral detergent (pH value: $6.0 \leq \text{pH} \leq 8.0$) for the cleaning. Dip a soft cloth such as gauze into the detergent and wipe off stains gently. It is important to prevent any detergent from dripping off.

When cleaning blood or other body fluids or waste from the scanner gantry or patient table, be sure to wear disposable gloves and use ethanol to disinfect the equipment.

After cleaning the stains, immediately clean off the detergent and ethanol using a tightly wrung out cloth so as not to leave any residue.

Areas 1 through 4 on the following figure indicate locations that are easily soiled. Be sure to inspect these areas and keep them clean.

1. Front cover and opening of the scanner gantry
2. Patient tabletop and mat
3. Patient table cover
4. Cover at the lower section of the patient table (Inspect by moving the tabletop to its front end position).