

Whole Body X-ray CT System SCENARIA

System

INSTRUCTION MANUAL

Special Notes to Operators and Maintenance Managers

- ★ Before using this system, be sure to thoroughly read this manual and make yourself familiar with this system.
- ★ After reading this manual, keep it in an easily accessible place close to the system.



Q1E-HC0125-13

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7. Maintenance Inspections

7.1 Daily inspection



- Removing covers and touching the inside of the equipment could result in electric shock or injury caused by touching the drive parts. Therefore, do not remove any covers that are secured in place with screws.
- This equipment is not waterproof. When cleaning this equipment or the room in which it is located, do not allow water or any other fluids to get inside the unit.
- In order to prevent exposure to X-rays, do not enter the room where the scanner gantry unit is located while scanning is in progress. If you must enter the room at that time, take sufficient precautions against exposure to X-rays, such as wearing protective clothing.

7.1.1 Inspection before starting daily work

(1) Inspecting the operation panels

Inspection: Inspect the operation of push buttons and indicators, as well as abnormalities in appearance.

Treatment: If any abnormalities are found, contact Hitachi, Ltd. or one of our certified dealers to schedule a repair.

(2) Inspecting the operating space of the equipment

Inspection: Make sure that no objects, such as chairs and baskets, impede the operation range of the scanner gantry unit and table.

Treatment: Move all objects out of the operating range of the equipment.

(3) Inspecting the wiring

Inspection: Make sure that there are no disconnections, abnormal twisting, or bends in the wiring between devices.

Treatment: If any abnormalities are found, contact Hitachi, Ltd. or one of our certified dealers to schedule a repair.

7.1.2 Inspection after daily work

- (1) Inspecting the operation panels
Inspection: Inspect the operation of push buttons and indicators, and check for abnormalities in appearance and soiling.
Treatment If any abnormalities are found, contact Hitachi, Ltd. or one of our certified dealers to schedule a repair.
Clean any equipment that has become soiled. For more details, see 7.1.3 *Cleaning the equipment*.

- (2) Inspecting the scanner gantry unit and 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 a repair.
Clean any equipment that has become soiled. For more details, see 7.1.3 *Cleaning the equipment*.

7.1.3 Cleaning the equipment



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- While cleaning the equipment, make sure that no liquids get inside. Be particularly careful to prevent fluids from entering the gaps between the keys and operation buttons on the keyboard and operation panel.
 - Do not use thinner, benzene, or other solvents when cleaning. Doing so could damage the paint or coating.
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- (1) Cleaning the operator console
To clean the operator console, dampen a soft cloth with a neutral detergent (pH6.0 or more and pH8.0 or less) and gently wipe the areas that have become soiled.

- (2) Cleaning the scanner gantry unit and table
To clean the scanner gantry unit and table, dampen a soft cloth with a neutral detergent (pH6.0 or more and pH8.0 or less) and wipe the areas that have become soiled.

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

Areas 1 through 4 on the following figure indicate locations that are easily soiled. Be sure to inspect these areas and keep them clean.
After wiping dirt away, extract enough water from the soft cloth and immediately wipe the cleaned parts so that neither detergent nor ethanol remains.

1. Front cover and opening of the scanner gantry unit
2. Surface of the tabletop and mat
3. Table cover
4. Cover underneath the tabletop (Inspect by moving the tabletop to its farthest point inward.)

