

Biograph PET·CT

Addendum – Cleaning and Disinfecting

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1 Introduction

This document provides detailed information about cleaning and disinfecting your PET·CT system and accessories. It is valid only in conjunction with the Operator Manual of the corresponding Biograph PET·CT systems. Read all precautions and safety information within your system's Operator Manual before cleaning or disinfecting your system and accessories. The content described requires a thorough understanding of the equipment. Any procedures mentioned herein may only be performed by qualified personnel who have been specially trained for the described procedures.

1.1 Scope

This document applies to the following PET·CT systems:

- Biograph Vision
- Biograph mCT
- Biograph Horizon
- Biograph TruePoint



1 Introduction

2 Cleaning and disinfecting

When possible, switch the system's power off, at the main power switch, before cleaning or disinfecting. Once you have finished cleaning or disinfecting, completely dry the surface with a soft cloth before turning the system's power on.

To clean or disinfect the system without turning the system off, spray an approved cleaning solution, away from the system, onto a dry cloth and wipe the affected area. Once you are finished cleaning or disinfecting, completely dry the surface with a soft cloth.

2.1 Cleaning

The exterior surfaces of the gantry and patient table, including the table pad and head holder can be wiped clean with a damp, soft cloth. If necessary, you may also use a small amount of mild cleanser, such as green soap or dish washing detergent. Avoid using excessive water and don't attempt to rinse off the cleanser. Dry the surfaces with a soft cloth.

You can use the following commercially available cleaning agents with the given restrictions to clean the sides of the table, the tabletop cover, gantry cover, cushions, armrests, knee supports, and head holder:

Cleaning Agents	Restrictions
Green soap	No restrictions
Dish washing detergent	No restrictions
Ethyl alcohol	Will fade and damage the system's foam accessories and restraint straps.
Surgical spirit	Will fade and damage the system's foam accessories and restraint straps.

2 Cleaning and disinfecting



Never spray or pour liquids directly onto any part of the PET·CT system.

2.1.1 Cleaning monitor screens

The monitor screens have a sensitive anti-reflective coating which have to be treated with care.

- Use a microfiber cloth and an antistatic cleaner to clean the screen surface. Never use corrosive agents as it will cause damage to the screen's surface coating.
- Clean the housing with a damp, soft cloth. Always dry the surface once you have finished cleaning. Do not use cleaning solutions.
- Remove water drops immediately; extended contact with water discolors the surface.

2.2 Disinfecting

Commercially available decontamination or germicidal solutions may be used sparingly on the gantry, table, pad, and head holder surfaces. Please use cleaning agents and disinfectants in the concentration recommended by their manufacturer. For more information on the disinfectant effectiveness and application process, please refer to the manufacturer's label.

Disinfectants based on the following active substances will not damage the patient table or accessory surfaces, but they may affect them cosmetically.

- Aldehyde decompositors
- Quaternary compounds
- Peroxide compounds
- Organic acids (do not use on straps)



Most disinfectants are effective against known pathogens. Check the list of disinfectants that meet the EPA's criteria for use against SARS-CoV-2 on their website: <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>

2.3 Cleaning and disinfecting precautions

Please note that some cleaning agents can cause damage to the system components and accessories. Do not use the following cleaning agents:

- Organic solvents such as acetone, stain remover, cleaner's naphtha, and benzene.
- Agents that release ammonia when they are dissolved or decomposed and have a corrosive effect.
- Agents containing silicone as it decays over time and can form sticky deposits that interfere with electrical contacts.
- Disinfectants based on substituted phenols or disinfectants that release chlorine.

If internal decontamination or disinfection of the scanner or PHS is required, removal of the gantry or PHS covers should be done only by qualified and trained service personnel. Please contact your local Siemens Healthineers Service Representative for assistance with these areas.



Please note products containing alcohols, quaternary compounds, aldehyde, or aldehyde decomposers can discolor and damage the system's foam accessories and restraint straps.



Do not use alcohol-based cleaners on acrylic surfaces, like phantoms.

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