

Symbia

Addendum – Cleaning and Disinfecting

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1 Introduction

This document provides detailed information about cleaning and disinfecting your Symbia system and accessories. It is valid only in conjunction with the Operator Manual of the corresponding Symbia systems. 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 Symbia systems:

- Symbia E
- Symbia S
- Symbia T series
- Symbia Evo and Evo Excel
- Symbia Intevo series



1 Introduction

2 Cleaning and disinfecting

The following sections describe how to clean and disinfect your Symbia system and accessories. Read all precautions and safety information within your system's Operator Manual before cleaning or disinfecting your system and accessories.

2.1 Cleaning

You can use the following commercially available cleaning agents with the given restrictions to clean these system components:

- system gantry and detector covers
- patient bed and pallet (also referred to as the table and pad)
- foam pads and system accessories

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

2.1.1 Cleaning the patient positioning monitor

The monitor is extremely sensitive to mechanical damage. Avoid all scratches and other physical damage. Remove any water drops immediately; extended contact with water can discolor screen surface.

2 Cleaning and disinfecting

To clean the case or screen of the display, first wipe the surface with a clean, soft, lint-free dry cloth to remove dust and other particles. If the screen is still not clean, apply a small amount of glass cleaner, containing **no** ammonia or alcohol, onto a clean, soft, lint-free cloth and wipe the screen. If the case is still not clean, apply a small amount of mild, non-abrasive detergent, containing **no** ammonia or alcohol, onto a clean, soft, lint-free cloth and wipe the surface.

2.1.2 Cleaning computer 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, patient bed, 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

Follow these precautions when cleaning the system:

- Never spray or pour liquids directly onto any part of the Symbia system. Excessive liquid on cloth or cleaning wipes can flow into sensitive system components.
- When possible, switch the system's power off, at the main power switch, before cleaning or disinfecting. Completely dry surfaces with a dry, soft cloth before turning the system's power on.
- To clean or disinfect the system without turning off electrical power, spray a cleaning solution, away from the system, onto a cloth, and wipe the area that needs to be cleaned. Disinfectant wipes can also be used. Completely dry surfaces with a dry, soft cloth.
- Do not clean or disinfect any areas inside the system. Contact your Siemens Customer Service Representative for assistance with these areas.
- Avoid scrubbing, rubbing, or applying excessive pressure to detector and touchpad surfaces. Detectors and touchpads can be damaged if improperly handled.
- To disinfect the system after an infectious patient, lightly wipe the system with permissible cleaning agents, such as bleach and other standard germicides.

2 Cleaning and disinfecting

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 benzine.
- 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.



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 ethyl or isopropyl alcohol (rubbing alcohol) to clean the system's foam pads and restraint straps, as it can fade and damage them.

Do not use alcohol based cleaners on acrylic surfaces, like phantoms and the sheet source holder.

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