



Cleaning Guide
**Improve your
patient safety**

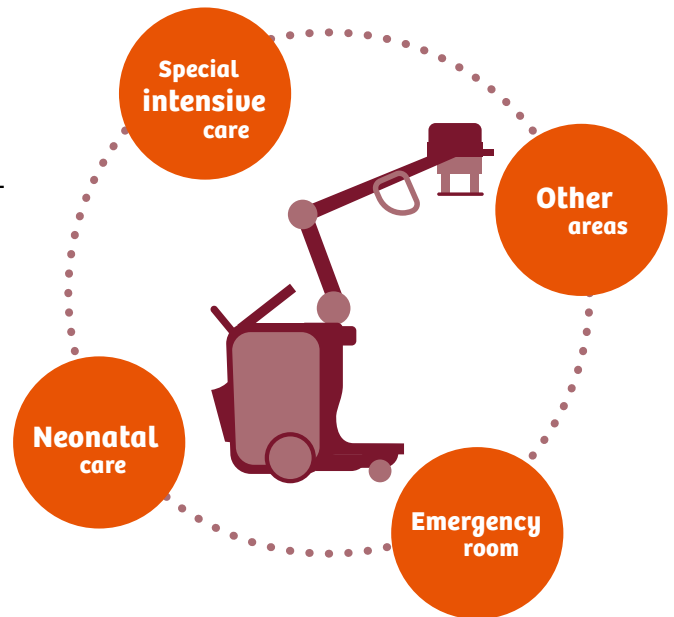
**Mobilett Mira Max –
comprehensive cleaning concept**

Cleaning Guide – improve infection control

This Cleaning Guide is a nonbinding recommendation and is intended for optimizing both intermediate and terminal cleaning. Adaptations due to hospital-specific, application-specific or region-specific requirements need to be considered.

Why is thorough cleaning essential?

With Mobilett Mira Max, you frequently enter areas with special infection risks. This mobile X-ray system is ideally designed for simplified cleaning and disinfection, helping you enhance both patient and occupational safety.



Cleaning and disinfecting agents compatible with the system

A cleaner disinfectant allows you to perform both cleaning and disinfecting in one pass. However, a regular, separate cleaning step before disinfection is recommended.

Cleaning

Wipe down the system with a diluted, lukewarm solution of dishwashing liquid and water. Use a damp cloth or cotton pad to clean the equipment parts.

Monitor

Remove stubborn stains with a mixture of 2/3 water and 1/3 alcohol.

Disinfection

Base unit, monitor and detector

- Guanidine derivatives
- Peroxide compounds
- Quaternary compounds
- Chlorine derivatives and compounds (detector needs to be completely dry before charging)

Additionally, base unit and monitor are compatible with:

- Pyridine derivatives
- Benzine
- Alkylamine
- Organic acids

Please note

We categorically discourage the use of aldehyde, as it poses a health risk.

Other than for the monitor, we do not recommend the use of alcohol, because it can corrode surfaces.

There are two types of cleaning procedures:

~ 1-2 min

Interim disinfection

After every patient exam:

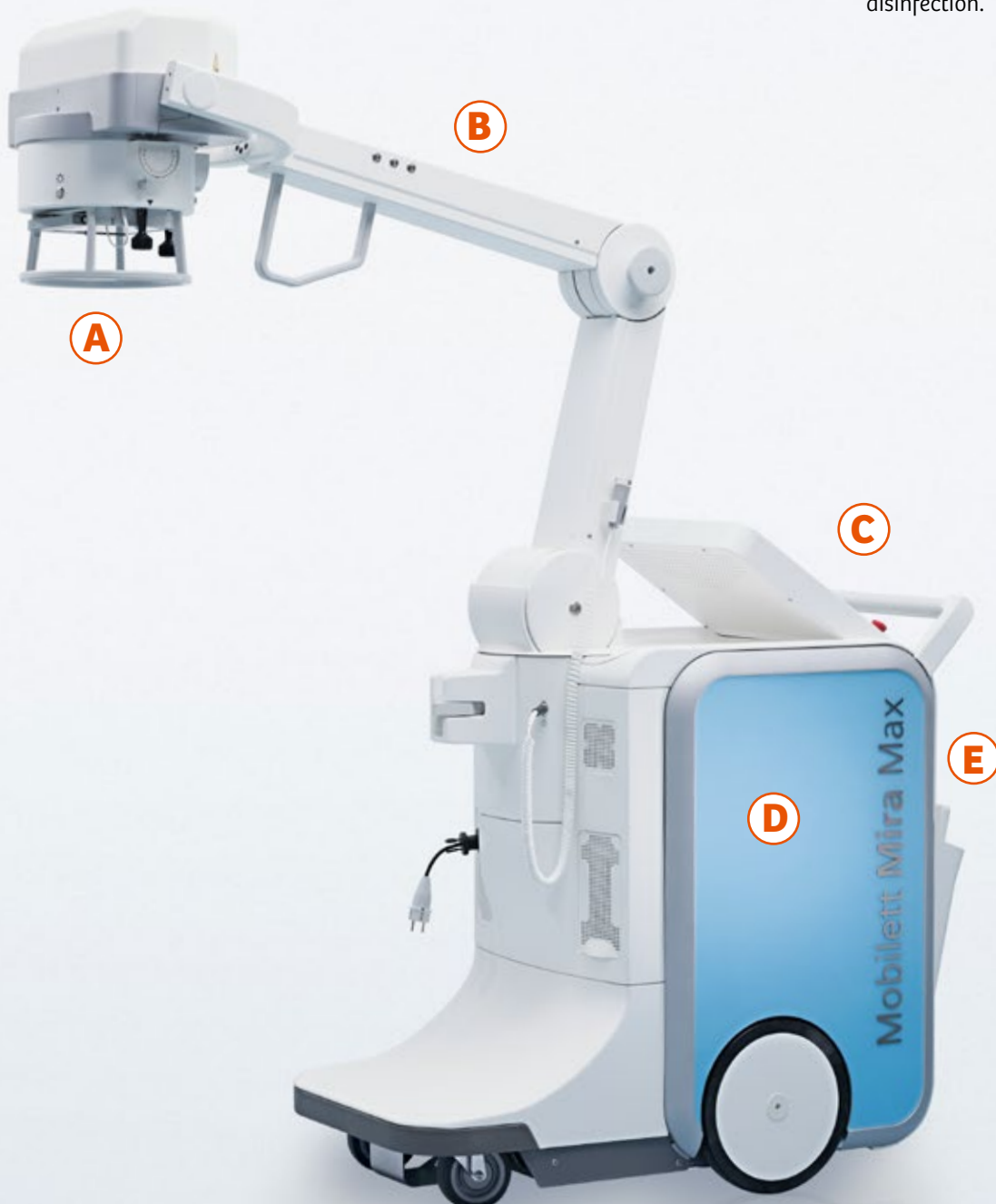
All parts which may come – or have come – into contact with the patient should be cleaned and disinfected.

~ 4-5 min

Intensive disinfection

After examining infectious patients and according to your hospital's individual disinfection schedule:

The interim disinfection steps should be part of the intensive disinfection.



Simple steps to a clean system

1.



Before storing the detector in the tray: make sure the contamination risk of the detector was minimized (either by protecting it with a single-use bag or disinfecting it first).

When performing an intensive disinfection, don't store the detector in the tray before also having disinfected the storage compartment!

2.



Preparation: remove Mobilett Mira Max from immediate contamination risk area/patient proximity and move it into a "cleaning position" where all areas of interest are comfortably reached (e.g. unfold the tube arm and switch it off).

Interim disinfection

3.



Tube head (A)

Round handlebar, collimator knob, light button, tape measure, top of tube

4.



Arm area (B)

Arm handle, Micro Inch Mover, hand switch, top area of arm

5.



Monitor area (C)

Monitor screen, number field, key pad, drive handle

6.



If necessary: the body (D)

Front and side nearest to the patient

Intensive disinfection

3.



Tube head (A)

All surfaces

4.



Arm area (B)

All surfaces

5.



Monitor area (C)

Monitor screen, number field, key pad, drive handle

6.



All surfaces of the Mobilett Mira Max body (D)

Wipe from top to base

7.



Detector storage compartment (E)

All sides, if required also inside detector holder



Cleaning and disinfecting things that matter

Contamination protection:

- Do not touch the monitor with gloves that have touched the patient.
- Adjust examination settings before patient interaction.
- Use different pairs of gloves for preparing the patient and cleaning the system.
- Use a single-use bag for protecting the detector from any contact with body fluid or treatment residues (iodine treatment usually causes permanent coloring of the flat detector).

Workforce protection:

- While cleaning and disinfecting, wear gloves with sufficient chemical resistance.

Thorough cleaning hints:

- Before conducting the disinfection:
If the detector is contaminated with blood or treatment residues, ...
 - Wipe away blood using cold water.
 - Wipe away skin cream and other fatty substances using soapsuds.
 - Discard the wet wipe or mop and use a new one to continue cleaning.

- Generally, use mops and wipes only as long as they leave a consistent moist film on the surface.
- Apply the cleaning or disinfecting agent with firm pressure.
- Always work from top to bottom and from clean to dirty areas.

System damage protection:

- Use only recommended materials and ingredients for cleaning and disinfection.
- Do not use dripping wet wipes, but “moist/dampish” ones.
- Do not let cleaning liquids seep into the openings of the system, e.g. air openings, gaps between covers.
- Make sure the charging contacts of the detector are completely dry before stowing it (risk: impaired charging process, corrosion).
- Do not use paper towels for wiping down the monitor (risk: scratches).
- Do not spray cleaning and disinfecting agents directly onto the system, the monitor or the detector.

Mobilett Mira Max is not commercially available in all countries. Due to regulatory reasons its future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

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