

Provide information about the disinfection of Medical Devices (for Bone Densitometer System)

We have received many inquiries due to the spread of the new coronavirus infection (COVID-19).

We guide representative examples of the chemical components and disinfection methods that can be used for disinfection of our medical devices (Bone Densitometer System).

1. Available disinfectants for disinfecting the system

Use applications	Contents	Cautions
System	Ethanol for disinfection (76.9~81.4vol%)	<ul style="list-style-type: none">• Wipe off so that no disinfectant remains on the surface.• Refer to the attached “Disinfection of system” for the disinfection method.

- Disinfection of system

(From instruction manual)

10.1. Requirements for Cleaning and Disinfection

2. Disinfection

For disinfection, the following items are required.

- Cloth (ex. soft wipe)
Soak the cloth with disinfectant and then use it.
Prepare a lint-free cloth.
- Disinfectant
Chemicals listed in the table below are available.

Name of Disinfectant	Country of Manufacturer	Name of Manufacturer	Type of Chemical
Ethanol for Disinfection (76.9–81.4 vol%)	Each countries	Each Manufacturers	Liquid

- Personal protective equipments (ex. gloves)
Use this for protect the body, for example the skin, from chemical.

10.3. Method of Disinfection

1. Disinfecting the parts other than the leg cushion for use in spine scans

Follow the steps below to disinfect.

1	Turn off the scanner and disconnect the power cord and all other cable connections to the scanner.
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2	Soak a cloth with disinfectant, and wipe the part which touched a patient (such as correction area guard) with it softly.
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(Note) Do not keep the disinfectant attached to the scanner longer than the required contact time of the disinfectant. Failure to observe this instruction could lead to premature deterioration or damage of the scanner.

(Note) Do not wet metal part: connector, plug. Doing so may cause electric shock and/or damage the scanner.

3	If necessary, immerse a cloth in water, and wring water out of it, and then wipe the instrument with it softly to remove the disinfectant.
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4	If necessary, wipe off moisture with a dry cloth, and dry the instrument well.
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1.11. Precautions for Cleaning and Disinfection

Warning

Dry the scanner well after cleaning and disinfection.

Using the scanner under wet condition cause electric shock.

Do not wet metal part: connector, plug.

Doing so may cause electric shock and/or damage the scanner. If you wet metal part, contact us.

Caution

Wipe the power plug and the receptacle monthly with a dry cloth it softly.

Dust can cause fire, generation of heat.

Carry out periodic cleaning, disinfection and inspection.

Microbes and virus will result in contamination. Dust can cause fire.

Replace cloth frequently during cleaning and disinfection.

Replace personal protective equipments for each cleaning or disinfection.

Repeatedly used equipments could result in cross-contamination.

Prior to use chemical, refer to its attached document to confirm its effect, proper clinical use, precautions for use, handling and expiration date.

When an intended effect is not produced, it could result in contamination.

When a chemical attached to the skin, it could lead to inflammation.

Caution

Wear personal protective equipments such as gloves when disinfecting.

It could lead to inflammation of the skin.

Note

Do not use methyl alcohol, thinner, benzene, steam, gas, and any detergent other than neutral detergent.

Failure to observe this instruction could lead to premature deterioration of the scanner.

Do not sterilize the scanner.

This scanner is not intended to be sterilized. Failure to observe this instruction could damage the scanner.

Use the specified chemical listed in this manual.

Chemical which is not specified could damage the scanner and remove the coating or the printing.

Do not apply excessive force on the scanner for wiping.

Excessive force could remove the coating or the printing of the scanner.

Do not keep the chemical attached to the scanner longer than the required contact time of the chemical.

Failure to observe this instruction could lead to premature deterioration of the scanner.

When disposing chemical, adhere to applicable laws and regulations of your country, directions of the manufacturer or the vendor.

Failure to observe this instruction could lead to law violation and/or environment pollution.

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Disinfectant	Country of manufacturer	Manufacturer	Type	Inteded use	Active ingredient	ALOKA ALPHYS A					ALPHYS LF					AOS-100SA					AOS-100E					DCS-900FX					DCS-600EXV				
						Inspection panel	Grip, Elbow plate	Cart table	Casters	External housing	Inspection panel	Correction area unit	Handle	Casters	External housing	Transducer head	Foot stand	Monitor surface	External housing	Transducer head	Foot stand	External housing	Inspection panel	Correction area unit	Handle	Casters	External housing	Inspection panel	Correction area unit	Handle	Casters	External housing	Inspection panel	Grip	Elbow plate
ハクゾウ環境クロスVロック	JPN	HAKUZO Medical (ハクゾウメディカル)	Wipe	disinfectant	Quaternary ammonium salt (第4級アンモニウム塩)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
サラヤ環境清拭クロス	JPN	SARAYA (サラヤ)	Wipe	disinfectant	Quaternary ammonium salt (第4級アンモニウム塩)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
セイフキープ	JPN	KAO (花王)	Wipe	disinfectant	Quaternary ammonium salt (第4級アンモニウム塩)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
クリンクリンII	JPN	TOWA CORPORATION (東和コーポレーション)	Wipe	disinfectant	Benzalkonium Chloride (塩化ベンザルコニウム)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
HydroAG+	JPN	FUJIFILM (富士フイルム株式会社)	Wipe / Liquid	antibacterial	Ethanol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sodium hypochlorite	-		Liquid	disinfectant	Sodium hypochlorite (次亜塩素酸ナトリウム)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Ethyl alcohol max. 80% vol.	-		Liquid	disinfectant	Ethanol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Isopropyl alcohol max. 80% vol.	-		Liquid	disinfectant	Propanol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C