

## Disinfectants for System Surfaces

The following disinfectants can be used to disinfect all surfaces of the system (including probe holders) except for the monitor and touchscreen.

Product Name	Manufacturer	Type
Sani-Cloth Bleach Germicidal Disposable Wipe	PDI	Wipe
Tristel Duo ULT	Tristel Solutions Limited	Foaming soap
Sporox II	Sultan Healthcare	Liquid
Rely+On™ Perasafe	DU PONT	Powder
Anioxyde 1000	Anios	Liquid
MetriCide OPA Plus	Metrex	Liquid



### CAUTION:

- ▶ Using an inappropriate disinfection procedure may damage the system. Make sure that you check the disinfectant's expiry date.
- ▶ Mix the disinfectant solution to the strength specified on the instruction of the disinfectant manufacturer.

## Disinfectants for Monitor Surface

The following disinfectants can be used to disinfect the monitor and touchscreen.

Product Name	Manufacturer	Type
Sani-Cloth Bleach	PDI	Wipe
Sporox	DSHealthcare Inc.	Liquid
Anioxyde 1000	Laboratoires Anios	Liquid
Metricide-OPA Plus	Metrex	Liquid
Cidex Plus	Advanced Sterilization Products	Liquid
Cleanisept Wipes	Dr. Schumacher GmbH	Wipe



**CAUTION:** When using a disinfectant, wipe it carefully with a soft cloth.

# Cleaning and Disinfecting Probes

All probes must be cleaned and disinfected after each use.



## WARNING:

- ▶ Always wear a protective face mask and gloves when cleaning and disinfecting probes.
- ▶ After cleaning and disinfecting probes, inspect their housing, strain relief, lens, and seal for damage or any functional degradation.
- ▶ Using an inappropriate cleaning or sterilizing agent may damage the probe.

## Information on Detergent, Disinfectant, and Ultrasound Gel

### Classification of Disinfectants

To maintain the performance of ultrasound probes, proper maintenance is required. Ultrasound probes are classified as critical, semi-critical, or non-critical devices based on the FDA guidance\* and the 'Hygiene Requirements for Medical Devices Reprocessing' included in the Guideline produced by the Robert Koch Institute (RKI) in Germany. Therefore, you must use a cleaning, disinfection, or sterilization method appropriate for each classification.

Classification Criteria	Contact Area	Application Probe	Level Selection
Non-critical device	Intact skin	Curved, Linear, and Phased array probes	Low level disinfectant
Semi-critical device	Mucous membrane and damaged skin	Endocavity, TEE	High level disinfectant or sterilization
Critical device	Blood, sterile tissue, etc.	Intraoperative	Sterilization

\* Guidance for Industry and FDA Staff - Information for Manufacturers Seeking Marketing Clearance of Diagnostic Ultrasound Systems and Transducers - Appendix D

\* It is recommended that only high-level disinfectants are used to disinfect endocavity probes.

An appropriate detergent, disinfectant, or ultrasound gel should be used for all probes. Please refer to the Samsung Medison website and the User Guide. All probes are tested in accordance with the IPX 7 standard.

- ▶ User Guide: This is provided as a booklet upon purchase of the product.



Disinfectants Matrix							EV3-10B	LV3-14A V6-12	C1-4EC	C51-4	SC1-6	CA1-7A CA1-7AD	C2-4/20	C2-4ES	C2-5	CA2-6BM
No.	Classification	Name	Type	Disinfectant Level	Manufacture	Active Ingredient										
1	Cleaner	Alkazyme	Liquid	Cleaner	Alkapharm UK Ltd.	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●
2	Cleaner	Cidezyme	Liquid	Cleaner	Advanced Sterilization Products	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●
3	Cleaner	Tophon® companion cleaning wipes	Wipe	Cleaner	Nanosonics Limited	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
4	Cleaner	Enzol	Liquid	Cleaner	Johnson&Johnson	Dodecylphenolethoxyolate, Sodium xylene Sulfonate	●	●	●	●	●	●	●	●	●	●
5	Cleaner	Ethanol 75%	Liquid	Cleaner	All manufacture	Alcohol	●	●	●	●	●	●	●	●	●	●
6	Cleaner	Isopropyl alcohol 70%	Liquid	Cleaner	All manufacture	Alcohol	●	●	●	●	●	●	●	●	●	●
7	Cleaner	Isopropyl alcohol 80%	Liquid	Cleaner	All manufacture	Alcohol	●	●	●	●	●	●	●	●	●	●
8	Cleaner	Klenzyme	Liquid	Cleaner	Steris	Proteolytic Enzymes	●(10)	●	●	●	●	●	●	●	●	●
9	Cleaner	McKesson	Liquid	Cleaner	McKesson Medical-Surgical Inc.	PCMI(Chloroxylenol)	●	●	●	●	●	●	●	●	●	●
10	Cleaner	Metroxyme	Liquid	Cleaner	Metrox	Propylene Glycol	●	●	●	●	●	●	●	●	●	●
11	Cleaner	Aniozyme D01	Liquid	Cleaner	Laboratories Anios	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●
12	Disinfectants	Protes disinfectant spray	Spray	Low	Parker Laboratories, Inc.	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
13	Disinfectants	Anios Excel Surface Premium	Liquid	Low	Laboratories Anios	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
14	Disinfectants	Clinel® Universal disinfecting wipes	Wipe	Low	GAMA Healthcare Ltd	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
15	Disinfectants	Assept® Wipes	Wipe	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
16	Disinfectants	Assept® Wipes II	Wipe	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
17	Disinfectants	Bleach 5.25%	Liquid	Low	All manufacture	Sodium Hypochlorite	●	●	●	●	●	●	●	●	●	●
18	Disinfectants	Carwipes	Wipe	Low	Metrox	Alcohol	●	●	●	●	●	●	●	●	●	●
19	Disinfectants	Cleansept® Wipe forte	Wipe	Low	Dr Schumacher GmbH	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
20	Disinfectants	Cleansept® Wipes	Wipe	Low	Dr Schumacher GmbH	Quaternary Ammonium(N-Alkyl)	●	●(15)	●	●	●	●	●	●	●	●
21	Disinfectants	Gigasept AF	Liquid	Low	Schulke & Mayr GmbH	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
22	Disinfectants	Incidin Foam	Spray	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
23	Disinfectants	Metrox Wipes	Wipe	Low	Metrox	Alcohol	●	●	●	●	●	●	●	●	●	●
24	Disinfectants	Milton anti bacterial solution	Liquid	Low	Milton	Sodium Hypochlorite	●	●	●	●	●	●	●	●	●	●
25	Disinfectants	Nuclean	Liquid	Low	Alkapharm	Alcohol	●	●	●	●	●	●	●	●	●	●
26	Disinfectants	Sani-Cloth Active	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●(15)	●	●	●	●	●	●	●	●
27	Disinfectants	Sani-Cloth AF Germicidal	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
28	Disinfectants	Sani-Cloth Germicidal	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
29	Disinfectants	Sani-Cloth Bleach Germicidal	Wipe	Low	PDI	Sodium Hypochlorite	●	●	●	●	●	●	●	●	●	●
30	Cleaner	Endozime	Liquid	Cleaner	The Ruhof Corporation	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●
31	Disinfectants	Sani-Cloth HB	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
32	Disinfectants	Sani-Cloth Plus	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
33	Disinfectants	Sani-Cloth Plus	Wipe	Low	MEDICALS	Quaternary Ammonium(N-Alkyl)	●	●(15)	●	●	●	●	●	●	●	●
34	Disinfectants	Sonowipes	Wipe	Low	Advanced Ultrasound Solutions Inc.	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
35	Disinfectants	Ster-Bar Clo	Liquid	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
36	Disinfectants	Super Sani-cloth	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
37	Cleaner	Transsept spray	Spray	Cleaner	Parker Laboratories, Inc.	Alcohol	●	●	●	●	●	●	●	●	●	●
38	Disinfectants	T-Spray	Spray	Low	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)	●	●(20)	●	●	●	●	●	●	●	●
39	Disinfectants	T-SprayII	Spray	Low	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)	●	●(20)	●	●	●	●	●	●	●	●
40	Disinfectants	Aniozyme 1000	Liquid	High	Laboratories Anios	Peracetic Acid	●	●	●	●	●	●	●	●	●	●
41	Disinfectants	Cidez	Liquid	High	Advanced Sterilization Products	Glutaraldehyde	●	●(50)	●	●	●	●	●	●	●	●
42	Disinfectants	Cidez OPA	Liquid	High	Advanced Sterilization Products	Ortho-phthalaldehyde	●	●(15)	●	●	●	●	●	●	●	●
43	Disinfectants	Cidez Plus	Liquid	High	Advanced Sterilization Products	Glutaraldehyde	●	●(25)	●	●	●	●	●	●	●	●
44	Disinfectants	Gigasept	Liquid	High	Schulke & Mayr GmbH	Succinaldehyde, formaldehyde	●	●(30)	●	●	●	●	●	●	●	●
45	Disinfectants	Gigasept FF	Liquid	High	Schulke & Mayr GmbH	Succinaldehyde	●	●(50)	●	●	●	●	●	●	●	●
46	Disinfectants	Hidroxone	Liquid	High	Regal Medical	Chlorhexidine gluconate	●	●	●	●	●	●	●	●	●	●
47	Disinfectants	Metricide	Liquid	High	Metrox	Glutaraldehyde	●	●(50)	●	●	●	●	●	●	●	●
48	Disinfectants	Metricide 28	Liquid	High	Metrox	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
49	Disinfectants	Metricide 30	Liquid	High	Metrox	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
50	Disinfectants	Metricide OPA Plus	Liquid	High	Metrox	Ortho-phthalaldehyde	●	●	●	●	●	●	●	●	●	●
51	Disinfectants	Omnicide - FQ2	Liquid	High	Coventry Chemicals Limited	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
52	Disinfectants	Omnicide 14	Liquid	High	METREX RESEARCH CORPORATION	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
53	Disinfectants	Omnicide 28	Liquid	High	METREX RESEARCH CORPORATION	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
54	Disinfectants/Sterilizer	ParsAse®	Powder	High	Dupont	Citric Acid	●	●(15)	●	●	●	●	●	●	●	●
55	Disinfectants	Salvanios pH 7	Liquid	High	Laboratories Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
56	Disinfectants	Salvanios pH10	Liquid	High	Laboratories Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
57	Disinfectants	Sekusept Extra	Liquid	High	Ecolab	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
58	Disinfectants	Sekusept Plus	Liquid	Low	Ecolab	Glucoprotamin	●	●(30)	●	●	●	●	●	●	●	●
59	Disinfectants	Sporox	High	High	DSHealthcare Inc.	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●
60	Disinfectants	Sporox	High	High	DSHealthcare Inc.	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●
61	Disinfectants	Steranios 2%	Liquid	High	Laboratories Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
62	Disinfectants	REVITALiDx RESERT	Liquid	High	Steris	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●
63	Disinfectants	Surfaces Hautes	Spray	High	Laboratories Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●
64	Disinfectants	Tristel Duo	Spray	High	Tristel Solutions Limited	Chlorine dioxide	●	●	●	●	●	●	●	●	●	●
65	Disinfectants	Tristel Sporticial Wipe	Wipe	High	Tristel Solutions Limited	Chlorine dioxide	●	●	●	●	●	●	●	●	●	●
66	Disinfectants	Virkon	Powder	High	Dupont	Potassium peroxymonosulfate	●	●	●	●	●	●	●	●	●	●
67	Disinfectants	Wavecide-01	Liquid	High	National Therapy Products Inc.	Hydrogen peroxide, Acetic Acid, Peracetic Acid	●	●(50)	●	●	●	●	●	●	●	●
68	Disinfectants	Gigasept PAA	Liquid	High	Schulke & Mayr GmbH	Hydrogen peroxide, Acetic Acid, Peracetic Acid	●	●	●	●	●	●	●	●	●	●
69	Disinfection System	Antibacna 51	Liquid	High	Germetics	UV	●	●	●	●	●	●	●	●	●	●
70	Disinfection System	Trophon	Vapor	High	Nanosonics Limited	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●
71	Disinfection System	Trophon2	Vapor	High	Nanosonics Limited	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●
72	Gel	Aquasonics 100	Gel	High	Parker Laboratories, Inc.	NA	●	●	●	●	●	●	●	●	●	●
73	Gel	Clear Image	Gel	High	NEC Medical Products	NA	●	●	●	●	●	●	●	●	●	●
74	Gel	Natural Image	Gel	High	Sonotech Inc.	NA	●	●	●	●	●	●	●	●	●	●
75	Gel	Scan	Gel	High	Parker Laboratories, Inc.	NA	●	●	●	●	●	●	●	●	●	●
76	Gel	Sonogel	Gel	High	Sonogel Vertriebe GmbH	NA	●	●	●	●	●	●	●	●	●	●
77	Gel	Wavecign	Gel	High	National Therapy Products Inc.	NA	●	●	●	●	●	●	●	●	●	●
78	Disinfectants	Acrylan	Liquid	Low	Antiseptica Chem. Fabr. Produkte	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
79	Disinfectants	SEPTOL Linettes	Wipe	Low	ACTEON	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
80	Disinfectants	Wip Anios Excel	Wipe	Low	Laboratories Anios	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
81	Cleaner	EmpPower	Liquid	Cleaner	Metrox	Propylene glycol	●	●	●	●	●	●	●	●	●	●
82	Disinfectants	Hexanios GR	Liquid	Low	Laboratories Anios	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
83	Disinfectants	Oxivir TB Wipe	Wipe	High	Diversey	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●
84	Disinfectants	Bacilcol 30 Foam	Spray	Low	BODE Chemie GmbH (HARTMANN)	Quaternary Ammonium(N-Alkyl), Alcohol	●	●	●	●	●	●	●	●	●	●
85	Disinfectants	Carvicide	Spray	Low	Metrox	Quaternary Ammonium(N-Alkyl), Alcohol	●	●	●	●	●	●	●	●	●	●
86	Disinfectants	Cinelt Universal Spray	Spray	Low	GAMA Healthcare Ltd	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●
87	Disinfectants	Gigasept FF neu	Liquid	High	Schulke & Mayr GmbH	Succinaldehyde	●	●	●	●	●	●	●	●	●	●
88	Disinfectants	Envirocide	Spray	Low	Metrox	Quaternary Ammonium(N-Alkyl), Alcohol	●	●	●	●	●	●	●	●	●	●
89	Disinfectants	MetricGuard	Spray	Low	Metrox	Quaternary Ammonium(N-Alkyl), Alcohol	●	●	●	●	●	●	●	●	●	●
90	Disinfectants	Chlorox 100PPM	Liquid	High	All manufacture	Chlorine compound	●	●	●	●	●	●	●	●	●	●
91	Disinfectants	Chlorox VDF	Liquid	High	MDD COMPANY GmbH	Sodium percarbonate	●	●	●	●	●	●	●	●	●	●
92	Disinfectants	SCOPANIOS RC	Liquid	High	Laboratories Anios	Hydrogen peroxide, Peracetic Acid	●	●	●	●	●	●	●	●	●	●
93	Cleaner	EmpPower Foam	Liquid	Cleaner	Metrox	Polyethylene glycol	●	●	●	●	●	●	●	●	●	●
94	Cleaner	MetricLube	Liquid	Cleaner	Metrox	Propylene glycol	●	●	●	●	●	●	●	●	●	●
95	Cleaner	MetricShine	Liquid	Cleaner	Metrox	Phosphoric Acid, Glycolic Acid	●	●	●	●	●	●	●	●	●	●
96	Cleaner	MetricSponge	Liquid	Cleaner	Metrox	Propylene glycol	●	●	●	●	●	●	●	●	●	●
97	Sterilization system	V-PRO	Vapor	High	Steris	Hydrogen peroxide	●	●	●	●	●	●	●	●	●	●
98	Disinfectants	Chloroxidox Lösung	Liquid	High	vitalundfimt100 UG	Chlorine dioxide	●	●	●	●	●	●	●	●	●	●
99	Cleaner	Endozime Xtreme Power	Liquid	Cleaner	Ruhof Healthcare	Proteolytic Enzymes	●	●	●							



No.	Classification	Name	Type	Disinfectants Matrix			Endocavity																
				Disinfectant Level	Manufacture	Active Ingredient	ECA-9	ECA-9IS	ERA-9/10ED	EVA-9/10ED	EVNA-9	VR5-9	EA2-11B	EA2-11AR EA2-11AV	ES-12A	LA2-9A L4-7							
1	Cleaner	Alkazyme	Liquid	Cleaner	Alkapharm UK Ltd.	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2	Cleaner	Clearyme	Liquid	Cleaner	Advanced Sterilization Products	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3	Cleaner	Trophon companion cleaning wipes	Wipe	Cleaner	Nanosonics Limited	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4	Cleaner	Enzol	Liquid	Cleaner	Johnson&Johnson	Dodecylphenolethoxylate, Sodium xylene Sulfonate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5	Cleaner	Ethanol 75%	Liquid	Cleaner	All manufacture	Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
6	Cleaner	Isopropyl alcohol 70%	Liquid	Cleaner	All manufacture	Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
7	Cleaner	Isopropyl alcohol 80%	Liquid	Cleaner	All manufacture	Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8	Cleaner	Klenzyme	Liquid	Cleaner	Steris	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
9	Cleaner	McKesson	Liquid	Cleaner	McKesson Medical-Surgical Inc.	PCMI(Chloroxylenol)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10	Cleaner	MetriSone	Liquid	Cleaner	Metrex	Propylene Glycol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11	Cleaner	Antisepti D01	Liquid	Cleaner	Laboratoires Anios	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12	Disinfectants	Protex disinfectant spray	Spray	Low	Parker laboratories, Inc.	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
13	Disinfectants	Anios Excel Surface Premium	Liquid	Low	Laboratoires Anios	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14	Disinfectants	Clinel Universal	Wipe	Low	GAMA Healthcare Ltd	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
15	Disinfectants	Assepti Wipes	Wipe	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
16	Disinfectants	Assepti-Wipes II	Wipe	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
17	Disinfectants	Bleach 5.25%	Liquid	Low	All manufacture	Sodium Hypochlorite	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
18	Disinfectants	CarWipes	Wipe	Low	Metrex	Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
19	Disinfectants	Cleansept Wipe forte	Wipe	Low	Dr Schumacher GmbH	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20	Disinfectants	Cleansept Wipes	Wipe	Low	Dr Schumacher GmbH	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
21	Disinfectants	Gigasept AF	Liquid	Low	Schulke & Mayr GmbH	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(30)
22	Disinfectants	Incidin Foam	Spray	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
23	Disinfectants	Metro Wipes	Wipe	Low	Metrex	Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
24	Disinfectants	Milton anti bacterial solution	Liquid	Low	Milton	Sodium Hypochlorite	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
25	Disinfectants	Nuclean	Liquid	Low	Alkapharm	Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
26	Disinfectants	Sani-Cloth Active	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
27	Disinfectants	Sani-Cloth AF Germicidal	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
28	Disinfectants	Sani-Cloth AF Germicidal	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
29	Disinfectants	Sani-Cloth Bleach Germicidal	Wipe	Low	PDI	Sodium Hypochlorite	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
30	Cleaner	Endozime	Liquid	Cleaner	The Ruhoff Corporation	Proteolytic Enzymes	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
31	Disinfectants	Sani-Cloth HB	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(30)
32	Disinfectants	Sani-Cloth Plus	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(30)
33	Disinfectants	Sanitrol	Wipe	Low	MEDICALS	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
34	Disinfectants	Sonowipes	Wipe	Low	Advanced Ultrasound Solutions Inc.	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(50)
35	Disinfectants	Ster-Bar Blu	Liquid	Low	Ecolab	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(50)
36	Disinfectants	Super Sani-cloth	Wipe	Low	PDI	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(50)
37	Cleaner	Transsept spray	Spray	Cleaner	Parker Laboratories, Inc.	Alcohol	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(15)
38	Disinfectants	T-Spray	Spray	Low	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(20)
39	Disinfectants	T-SprayII	Spray	Low	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(20)
40	Disinfectants	Antisept 1000	Liquid	High	Laboratoires Anios	Peracetic Acid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
41	Disinfectants	Cidex	Liquid	High	Advanced Sterilization Products	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●(50)	●(50)	●	●	●	●	●	●(50)
42	Disinfectants	Cidex OPA	Liquid	High	Advanced Sterilization Products	Ortho-phthalaldehyde	●	●	●	●	●	●	●	●	●	●(15)	●(15)	●	●	●	●	●	●(15)
43	Disinfectants	Cidex Plus	Liquid	High	Advanced Sterilization Products	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●(25)	●(25)	●	●	●	●	●	●(25)
44	Disinfectants	Gigasept	Liquid	High	Schulke & Mayr GmbH	Succindaldehyde, formaldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
45	Disinfectants	Gigasept FF	Liquid	High	Schulke & Mayr GmbH	Succinialdehyde	●	●	●	●	●	●	●	●	●	●(50)	●(50)	●	●	●	●	●	●(30)
46	Disinfectants	HiChlorone	Liquid	High	Regal Medical	Chlorhexidine gluconate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●(30)
47	Disinfectants	Metricide	Liquid	High	Metrex	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●(50)	●(50)	●	●	●	●	●	●(50)
48	Disinfectants	Metricide 28	Liquid	High	Metrex	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
49	Disinfectants	Metricide 30	Liquid	High	Metrex	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50	Disinfectants	Metricide OPA Plus	Liquid	High	Metrex	Ortho-phthalaldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
51	Disinfectants	Omnicide-FC2	Liquid	High	Coventry Chemicals Limited	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
52	Disinfectants	Omnicide 14	Liquid	High	METREX RESEARCH CORPORATION	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
53	Disinfectants	Omnicide28	Liquid	High	METREX RESEARCH CORPORATION	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
54	Disinfectants/Sterilizer	ParsSani™	Powder	High	Dupont	Citric Acid	●	●	●	●	●	●	●	●	●	●(15)	●(15)	●	●	●	●	●	●(15)
55	Disinfectants	Salvanios pH 7	Liquid	High	Laboratoires Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
56	Disinfectants	Salvanios pH10	Liquid	High	Laboratoires Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
57	Disinfectants	Sekusept Extra	Liquid	High	Ecolab	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
58	Disinfectants	Sekusept Plus	Liquid	Low	Ecolab	Glucoprotamin	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
59	Disinfectants	Sporox	Liquid	High	DSHealthcare Inc.	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
60	Disinfectants	Sporovl	Liquid	High	DSHealthcare Inc.	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
61	Disinfectants	Steranios 2%	Liquid	High	Laboratoires Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
62	Disinfectants	REVITALiOx RESERT	Liquid	High	Steris	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
63	Disinfectants	Surfaces Hautes	Spray	High	Laboratoires Anios	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
64	Disinfectants	Tristel Duo	Spray	High	Tristel Solutions Limited	Chlorine dioxide	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
65	Disinfectants	Tristel Sporidical Wipe	Wipe	High	Tristel Solutions Limited	Chlorine dioxide	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
66	Disinfectants	Virkon	Powder	High	Dupont	Potassium peroxymonosulfate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
67	Disinfectants	Wavicide-01	Liquid	High	National Therapy Products Inc.	Glutaraldehyde	●	●	●	●	●	●	●	●	●	●(50)	●(50)	●	●	●	●	●	●(50)
68	Disinfectants	Gigasept PAA	Liquid	High	Schulke & Mayr GmbH	Hydrogen peroxide, Acetic Acid, Peracetic Acid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
69	Disinfection System	Ambasana S1	Liquid	High	UV	germicides	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
70	Disinfection System	Trophon	Vapor	High	Nanosonics Limited	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
71	Disinfection System	Trophon2	Vapor	High	Nanosonics Limited	Hydrogen Peroxide	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
72	Gel	Aquasonics 100	Gel	Gel	Parker Laboratories, Inc.	NA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
73	Gel	Clear Image	Gel	Gel	NET Medical Products	NA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
74	Gel	Natural Image	Gel	Gel																			



Disinfectants Matrix							Linear									
No.	Classification	Name	Type	Disinfectant Level	Manufacture	Active Ingredient	L3-8	L3-12A L43-14A L43-16AD	L43-16A L43-16AD L43-16S	L43-16AI L43-16S	L44-18B L44-148BD	LM4-15B	LNS-12/40	LNS-12	LF5-12	L5-12/50
1	Cleaner	Alkazyne	Liquid	Cleaner	Alkapharm UK Ltd.	Proteolytic Enzymes										
2	Cleaner	Clearyme	Liquid	Cleaner	Advanced Sterilization Products	Proteolytic Enzymes										
3	Cleaner	Tophon® companion cleaning wipes	Wipe	Cleaner	Nanosonics Limited	Quaternary Ammonium(N-Alkyl)										
4	Cleaner	Enzol	Liquid	Cleaner	Johnson&Johnson	Dodecylphenolethoxylate, Sodium xylene Sulfonate										
5	Cleaner	Ethanol 75%	Liquid	Cleaner	All manufacture	Alcohol										
6	Cleaner	Isopropyl alcohol 70%	Liquid	Cleaner	All manufacture	Alcohol										
7	Cleaner	Isopropyl alcohol 80%	Liquid	Cleaner	All manufacture	Alcohol										
8	Cleaner	Klenzyme	Liquid	Cleaner	Steris	Proteolytic Enzymes										
9	Cleaner	McKesson	Liquid	Cleaner	McKesson Medical-Surgical Inc.	PCMI(Chloroxylenol)										
10	Cleaner	Melior	Liquid	Cleaner	Metrex	Propylene Glycol										
11	Cleaner	Aniozyme D01	Liquid	Cleaner	Laboratories Anios	Proteolytic Enzymes										
12	Disinfectants	Protex disinfectant spray	Spray	Low	Parker laboratories, Inc.	Quaternary Ammonium(N-Alkyl)										
13	Disinfectants	Anios Excel Surface Premium	Liquid	Low	Laboratories Anios	Quaternary Ammonium(N-Alkyl)										
14	Disinfectants	Clinel® Universal disinfecting wipes	Wipe	Low	GAMA Healthcare Ltd	Quaternary Ammonium(N-Alkyl)										
15	Disinfectants	Assept® Wipes	Wipe	Low	Ecolab	Quaternary Ammonium(N-Alkyl)										
16	Disinfectants	Assept® Wipes II	Wipe	Low	Ecolab	Quaternary Ammonium(N-Alkyl)										
17	Disinfectants	Bleach 5.25%	Liquid	Low	All manufacture	Sodium Hypochlorite										
18	Disinfectants	CarWipes	Wipe	Low	Metrex	Alcohol										
19	Disinfectants	Cleansept® Wipe forte	Wipe	Low	Dr Schumacher GmbH	Quaternary Ammonium(N-Alkyl)										
20	Disinfectants	Cleansept® Wipes	Wipe	Low	Dr Schumacher GmbH	Quaternary Ammonium(N-Alkyl)										
21	Disinfectants	Gigasept AF	Liquid	Low	Schulke & Mayr GmbH	Quaternary Ammonium(N-Alkyl)										
22	Disinfectants	Incidin Foam	Spray	Low	Ecolab	Quaternary Ammonium(N-Alkyl)										
23	Disinfectants	Melior Wipes	Wipe	Low	Metrex	Alcohol										
24	Disinfectants	Milton anti bacterial solution	Liquid	Low	Milton	Sodium Hypochlorite										
25	Disinfectants	Nuclean	Liquid	Low	Alkapharm	Alcohol										
26	Disinfectants	Sani-Cloth Active	Wipe	Low	PII	Quaternary Ammonium(N-Alkyl)										
27	Disinfectants	Sani-Cloth AF-Germicidal	Wipe	Low	PII	Quaternary Ammonium(N-Alkyl)										
28	Disinfectants	Sani-Cloth AF-Germicidal	Wipe	Low	PII	Quaternary Ammonium(N-Alkyl)										
29	Disinfectants	Sani-Cloth Bleach Germicidal	Wipe	Low	PII	Sodium Hypochlorite										
30	Cleaner	Endozime	Liquid	Cleaner	The Ruhoff Corporation	Proteolytic Enzymes										
31	Disinfectants	Sani-Cloth HB	Wipe	Low	PII	Quaternary Ammonium(N-Alkyl)										
32	Disinfectants	Sani-Cloth Plus	Wipe	Low	PII	Quaternary Ammonium(N-Alkyl)										
33	Disinfectants	Sani-Cloth Plus	Wipe	Low	PII	Quaternary Ammonium(N-Alkyl)										
34	Disinfectants	Sonowipes	Wipe	Low	Advanced Ultrasound Solutions Inc.	Quaternary Ammonium(N-Alkyl)										
35	Disinfectants	Ster-Bar Bio	Liquid	Low	Ecolab	Quaternary Ammonium(N-Alkyl)										
36	Disinfectants	Super Sani-cloth	Wipe	Low	Ecolab	Quaternary Ammonium(N-Alkyl)										
37	Cleaner	Transsept spray	Spray	Cleaner	Parker laboratories, Inc.	Alcohol										
38	Disinfectants	T-Spray	Spray	Low	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)										
39	Disinfectants	T-SprayII	Spray	Low	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)										
40	Disinfectants	Aniozyme 1000	Liquid	High	Laboratories Anios	Peracetic Acid										
41	Disinfectants	Cidex	Liquid	High	Advanced Sterilization Products	Glutaraldehyde										
42	Disinfectants	Cidex OPA	Liquid	High	Advanced Sterilization Products	Ortho-phthalaldehyde										
43	Disinfectants	Cidex Plus	Liquid	High	Advanced Sterilization Products	Glutaraldehyde										
44	Disinfectants	Gigasept	Liquid	High	Schulke & Mayr GmbH	Succinaldehyde, formaldehyde										
45	Disinfectants	Gigasept FF	Liquid	High	Schulke & Mayr GmbH	Succinaldehyde										
46	Disinfectants	Hibiclens	Liquid	High	Regal Medical	Chlorhexidine gluconate										
47	Disinfectants	Metricide	Liquid	High	Metrex	Glutaraldehyde										
48	Disinfectants	Metricide 28	Liquid	High	Metrex	Glutaraldehyde										
49	Disinfectants	Metricide 30	Liquid	High	Metrex	Glutaraldehyde										
50	Disinfectants	Metricide OPA Plus	Liquid	High	Metrex	Ortho-phthalaldehyde										
51	Disinfectants	Omicide - F02	Liquid	High	Coventry Chemicals Limited	Glutaraldehyde										
52	Disinfectants	Omicide 14	Liquid	High	METREX RESEARCH CORPORATION	Glutaraldehyde										
53	Disinfectants	Omicide 28	Liquid	High	METREX RESEARCH CORPORATION	Glutaraldehyde										
54	Disinfectants/Sterilizer	ParaSani®	Powder	High	Dupont	Citric Acid										
55	Disinfectants	Salvanios pH 7	Liquid	High	Laboratories Anios	Glutaraldehyde										
56	Disinfectants	Salvanios pH10	Liquid	High	Laboratories Anios	Glutaraldehyde										
57	Disinfectants	Sekusept Extra	Liquid	High	Ecolab	Glutaraldehyde										
58	Disinfectants	Sekusept Plus	Liquid	Low	Ecolab	Glucopyranin										
59	Disinfectants	Sporox	High	Liquid	DSHealthcare Inc.	Hydrogen Peroxide										
60	Disinfectants	Sporoxil	High	Liquid	DSHealthcare Inc.	Hydrogen Peroxide										
61	Disinfectants	Steranios 2%	Liquid	High	Laboratories Anios	Glutaraldehyde										
62	Disinfectants	REVITAL Ox RESERT	Liquid	High	Steris	Hydrogen Peroxide										
63	Disinfectants	Surfaces Hautes	Spray	High	Laboratories Anios	Glutaraldehyde										
64	Disinfectants	Tristel Duo	Spray	High	Tristel Solutions Limited	Chlorine dioxide										
65	Disinfectants	Tristel Sportoidal Wipe	Wipe	High	Tristel Solutions Limited	Chlorine dioxide										
66	Disinfectants	Virkon	Powder	High	Dupont	Potassium peroxymonosulfate										
67	Disinfectants	Wavicide-01	Liquid	High	National Therapy Products Inc.	Glutaraldehyde										
68	Disinfectants	Gigasept PAA	Liquid	High	Schulke & Mayr GmbH	Hydrogen peroxide, Acetic Acid, Peracetic Acid										
69	Disinfection System	Antisepta S1	Liquid	High	Germies	UV-C										
70	Disinfection System	Tropon	Vapor	High	Nanosonics Limited	Hydrogen Peroxide										
71	Disinfection System	Tropon2	Vapor	High	Nanosonics Limited	Hydrogen Peroxide										
72	Gel	Aquazions 100	Gel	High	Parker Laboratories, Inc.	NA										
73	Gel	Clear Image	Gel	High	NEC Medical Products	NA										
74	Gel	Natural Image	Gel	High	Sonotech Inc.	NA										
75	Gel	Scan	Gel	High	Parker laboratories, Inc.	NA										
76	Gel	Sonogel	Gel	High	Sonogel Vertriebs GmbH	NA										
77	Gel	Wavelength	Gel	High	National Therapy Products Inc.	NA										
78	Disinfectants	Acrylan	Liquid	Low	Antiseptica Chem. Fabr. Produkte	Quaternary Ammonium(N-Alkyl)										
79	Disinfectants	SEPTOL Linettes	Wipe	Low	ACTEON	Quaternary Ammonium(N-Alkyl)										
80	Disinfectants	Wip Anios Excel	Wipe	Low	Laboratories Anios	Quaternary Ammonium(N-Alkyl)										
81	Cleaner	EmpPower	Liquid	Cleaner	Metrex	Propylene glycol										
82	Disinfectants	Hexanios GR	Liquid	Low	Laboratories Anios	Quaternary Ammonium(N-Alkyl)										
83	Disinfectants	Oxivir TB Wipe	Wipe	High	Diversey	Hydrogen Peroxide										
84	Disinfectants	Bacilcol 30 Foam	Spray	Low	BODE Chemie GmbH (HARTMANN)	Quaternary Ammonium(N-Alkyl), Alcohol										
85	Disinfectants	Carvicide	Spray	Low	Metrex	Quaternary Ammonium(N-Alkyl), Alcohol										
86	Disinfectants	Clinel Universal Spray	Spray	Low	GAMA Healthcare Ltd	Quaternary Ammonium(N-Alkyl)										
87	Disinfectants	Gigasept FF neu	Liquid	High	Schulke & Mayr GmbH	Succinaldehyde										
88	Disinfectants	Envirocide	Spray	Low	Metrex	Quaternary Ammonium(N-Alkyl), Alcohol										
89	Disinfectants	MetricGuard	Spray	Low	Metrex	Quaternary Ammonium(N-Alkyl), Alcohol										
90	Disinfectants	Chlorox 100PPM	Liquid	High	All manufacture	Chlorine compound										
91	Disinfectants	Clorox NF	Liquid	High	MDG COMPANY GmbH	Sodium percarbonate										
92	Disinfectants	SCOPANIOS RC	Liquid	High	Laboratories Anios	Hydrogen peroxide, Peracetic Acid										
93	Cleaner	EmpPower Foam	Liquid	Cleaner	Metrex	Polyethylene glycol										
94	Cleaner	MetricLube	Liquid	Cleaner	Metrex	Propylene glycol										
95	Cleaner	MetricShine	Liquid	Cleaner	Metrex	Phosphoric Acid, glycolic Acid										
96	Cleaner	MetricSponge	Liquid	Cleaner	Metrex	Propylene glycol										
97	Sterilization system	V-PRO	Vapor	High	Steris	Hydrogen peroxide										
98	Disinfectants	Chloroxid Losung	Liquid	High	vitalundformit100 UG	Chlorine dioxide										
99	Cleaner	Endozime Xtreme Power	Liquid	Cleaner	Ruhoff Healthcare	Proteolytic Enzymes										
100	Disinfectants	Surfactos Premium	Liquid	Low	Anios	Quaternary Ammonium(N-Alkyl), Alcohol										
101	Disinfectants	Virkon S	Liquid	High	Dupont	Potassium peroxymonosulfate										
102	Disinfectants	V-Wipes	Wipe	Low	Whiteley Corporation	Alcohol										
103	Disinfectants	terralin PAA	Liquid	High	Schulke	Hydrogen peroxide, Acetic Acid, Peracetic Acid										
104	Disinfectants	Bicide/SPR/28	Liquid	High	Carbide Medical	Ortho-phthalaldehyde										
105	Cleaner	Tristel Pre-clean wipe	Wipe	Cleaner	Tristel Solutions Limited	Alcohol										
106	Disinfectants	Biquazid S	Liquid	Low	Antiseptica Chem	Quaternary Ammonium(N-Alkyl), Alcohol										
107	Disinfectants	deconex 11 UNIVERSAL	Liquid	High	Borer Chemie AG	Potassium Pyrophosphate, Potassium hydroxide, Sodium hypochlorite										
108	Disinfectants	MEDI CLEN	Liquid	Low	UBM Cleaning Solution INC	Quaternary Ammonium(N-Alkyl), Alcohol										
109	Disinfectants	saFacide	Wipe	Low	Liebecos	Quaternary Ammonium(N-Alkyl)										
110	Disinfectants	SURFA SAFE	Liquid	Low	Anios	Quaternary Ammonium(N-Alkyl)										
111	Disinfectants	Mikrobac Tissues	Wipe	Low	BODE Chemie GmbH	Quaternary Ammonium(N-Alkyl)										
112	Disinfectants	Meliseptol Wipes Sensitive	Wipe	Low	B. Braun Medical AG	Quaternary Ammonium(N-Alkyl)										
113	Disinfectants	Mikrozid sensitive liquid	Liquid	Low	Schulke	Quaternary Ammonium(N-Alkyl)										
114	Disinfectants	Mikrozid sensitive Wipes	Wipe	Low	Schulke	Quaternary Ammonium(N-Alkyl)										
115	Disinfectants	Mikrozid universal liquid	Liquid	Low	Schulke	Alcohol										
116	Disinfectants	Mikrozid universal Wipes premium	Wipe	Low	Schulke	Alcohol										
117	Disinfectants	Protex ultra	Wipe	Low	Parker laboratories, Inc.	Quaternary Ammonium(N-Alkyl)										
118	Disinfectants	Tristel Sportoidal Wipes	Wipe	Low	Tristel Solutions Limited	Quaternary Ammon										







# Validated High Level Disinfection Instruction for Samsung Endo Cavity transducers

## ✚ Tristel Duo – High Level Disinfection Method

### 1. Personal Protection

- ▶ Personal protection must always be worn when handling possibly contaminated ultrasound probes. Personal protection at least includes gloves and eye protection.
- ▶ Once you are wearing personal protection, you are ready to begin the cleaning and disinfection process.

### 2. Cleaning the Probe

- ▶ The first step in the high-level disinfection process is thorough cleaning. Possibly contaminated probes must be thoroughly cleaned before they can be disinfected.
- ▶ Hold the probe and put one aliquot of Tristel duo in the indentation of the probe ❶
- ▶ Use a swap to spread the Tristel Duo liquid in the indentation(s) ❷
- ▶ Put 2 aliquots of Tristel Duo on a Tristel Dry Wipe and clean the transducer from handgrip to the tip of the probe ❸
- ▶ Use another dry swap to dry and clean the indentation(s) ❹



### 3. Disinfecting the Probe

- ▶ Tristel Duo incorporates two separate compartments that contain the Tristel Base and the Tristel Activator solutions that create chlorine dioxide when mixed (1:1). Tristel Duo foam is generated by depressing the incorporated pump.
- ▶ Change your gloves
- ▶ Hold the probe and put one aliquot of Tristel duo in the indentation of the probe
- ▶ Use a swap to spread the Tristel Duo liquid in the indentation(s)
- ▶ Put 2 aliquots of Tristel Duo on a Tristel Dry Wipe and disinfect the transducer with rotations from handgrip to the tip of the probe. Leave the disinfectant on the probe for at least 30 seconds
- ▶ Use another dry swap to dry the indentation(s)
- ▶ Leave the surface to dry to ensure a 30 second contact time.



- ▶ Discard the used wipes, swaps and gloves to clinical waste, do not macerate. Do not re-use.
- ▶ Disinfected probe should be used immediately or stored in a manner to minimize recontamination.

## ❏ CIDEX® OPA Solution – High Level Disinfection Method

### 1. Personal Protective Equipment

- ▶ Personal protective equipment must always be worn when handling contaminated instruments and equipment. Personal protective equipment includes gloves, eye protection and fluid-repellent gown.
- ▶ Once you are wearing personal protective equipment, you are ready to begin the disinfection process.

### 2. Clean Instruments

- ▶ The first step in the high-level disinfection process is thorough cleaning. Contaminated probes must be thoroughly cleaned with a detergent prior to disinfection, especially take care of ridges and biopsy guide mountings.
- ▶ Following cleaning, rinse probe surface with large amounts of fresh water to remove residual detergent.

### 3. Using CIDEX® OPA Solution

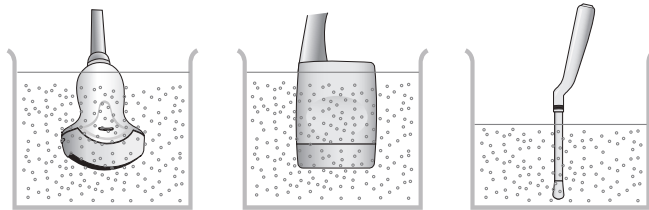
- ▶ Before using the solution, be sure to read the directions for use on the bottle label and package insert. The shelf life of an unopened bottle of CIDEX® OPA Solution is two years. The solution requires NO activation.

### 4. Test

- ▶ Concentration of this product during its reuse life must be verified by the CIDEX® OPA Test Strip prior to each use to determine that the concentration of ortho-phthalaldehyde is above the MEC of 0.3%.
- ▶ CIDEX® OPA Solution shall not be used beyond 14 days.

## 5. Disinfect

- ▶ Prepare a ready-to-use CIDEX® OPA (Ortho-phthalaldehyde) solution with a concentration of at least 0.55% using the manufacturer's instructions.
- ▶ Fill tray, basin or tall container with Cidex OPA at ambient room temperature (approximately 20–25°C) to a level allowing immersion of the probe up to the immersion line as shown below.



- ▶ Cover the CIDEX® Solution Tray with a secure lid. Soak probe for 12 minutes at 20–25°C to achieve high-level disinfection.
- ▶ Immerse probes in Cidex OPA at least until the immersion limits and ensure no air or bubbles are trapped. Allow soaking for minimum twelve (12) minutes.
- ▶ Excessive soaking time is not recommended as it may result in residues that result in patient allergic reaction or tissue discoloration.
- ▶ Cidex OPA solution shall not be reused beyond 14 days. Cidex OPA solution shall not be reused if concentration of active ingredient is below Minimum Effective Concentration of ortho-phthalaldehyde (0.3% w/v).

## 6. Rinse

- ▶ Remove probes from the solution and thoroughly rinse all surfaces up to the immersion line in shown in three (3) times with fresh sterile water, each time for a minimum of one (1) minute.

## 7. Dry

- ▶ Thoroughly dry all surfaces of the probe using a sterile, lint-free wipe or cloth, changing wipes/cloths when necessary to ensure the probe is completely dry. Visually inspect the probe to ensure all surfaces are clean and dry. Repeating drying steps if any moisture is visible.
- ▶ Disinfected probe should be used immediately or stored in a manner to minimize recontamination.

## 8. Dispose

- ▶ CIDEX® OPA Solution can be discarded down hospital and office drains or in accordance with local regulations.

## ❏ Trophon – High Level Disinfection Method

### 1. a Preparing the Probe

- ▶ Wearing gloves, clean and dry the probe BEFORE commencing the high level disinfection process as per the probe manufacturer's instructions.

### 2. b Clean Instruments

- ▶ The first step in the high-level disinfection process is thorough cleaning. Contaminated probes must be thoroughly cleaned with a detergent prior to disinfection, especially take care of ridges and biopsy guide mountings.
- ▶ Following cleaning, rinse probe surface with large amounts of fresh water to remove residual detergent.

### 3. Loading The Disinfectant Cartridge

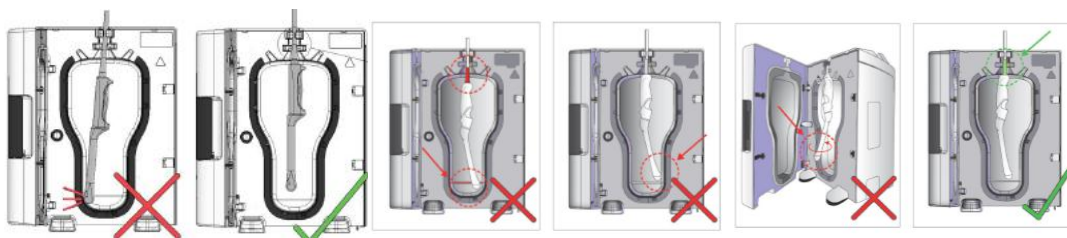
- ▶ A Trophon disinfectant cartridge needs to be inserted into the Trophon EPR before a high level disinfection cycle can commence. Refer to the Trophon user manual for detailed instructions on how to insert and/or replace Trophon disinfectant cartridges.

### 4. Inserting the Chemical Indicator

- ▶ A Trophon Chemical Indicator must be used for each disinfection cycle. No other chemical indicators are approved for use in the trophon EPR. Each Chemical Indicator may only be used once. Place the Trophon Chemical Indicator into the holder. Refer to the Trophon Chemical Indicator IFU. You may then position the probe in the chamber.

### 5. Positioning the Probe

- ▶ When the Trophon is ready to use, screen message Load Probe and Indicator will be displayed.
- ▶ Open chamber door.
- ▶ Ensure the probe is correctly positioned in the chamber. The probe must not contact the chamber wall and must be positioned above the embossed line at the bottom of the chamber.



### 6. Closing the Chamber Door

- ▶ The door will automatically lock at the start of a high level disinfection cycle.



## 7. Disinfecting the Probe

- ▶ If the probe has been pre-cleaned and dried, press Yes using the soft key button. If Yes is selected, you will be prompted by the screen message: Press start to begin.
- ▶ The progress of the disinfection cycle is indicated on the LCD screen message: Disinfecting.
- ▶ The High Level Disinfection cycle will take 7 minutes to complete.

## 8. Removing the Probe

- ▶ NOTE: After completion of a successful high level disinfection cycle, the ultrasound probe and chamber may have surface temperatures up to 45°C and 60°C respectively. Care should be taken not to touch the chamber. The probe will feel warm to touch and is safe for handling and use with clean gloves on.
- ▶ Cycle Complete. Wear Gloves. Remove and Wipe Probe.
- ▶ Attention: Wear Gloves and Wipe Probe. (This message indicates that some hydrogen peroxide may not have been broken down into its constituents, oxygen and water and extra care should be taken when removing the probe).
- ▶ Wearing clean gloves, immediately remove the used Chemical Indicator from the trophon and verify the color change against the chart on the Chemical Indicator carton.
- ▶ Discard used Chemical Indicator.
- ▶ Remove the probe carefully using minimal contact after the cycle is complete. Avoid touching the probe against the chamber's hot surface. Avoid compromising the probe's disinfected surface before use.
- ▶ Wipe the probe with a clean, low lint, absorbent, single-use, dry sterile cloth/ wipe. Visually inspect the probe and ensure Any disinfectant residue present is removed.
- ▶ If a pass was verified by the Chemical Indicator color AND the trophon screen displayed cycle complete, the HLD has been successful.
- ▶ Discard gloves.
- ▶ Close the chamber door.
- ▶ Disinfected probe should be used immediately or stored in a manner to minimize recontamination.

\*Note: Please refer to disinfectant manufacturer's user manual to find additional informations.

# Gigasept PAA Concentrate – High Level Disinfection Method for TEE probe

## 1. Personal Protection

- ▶ Personal protective equipment must always be worn when handling possibly contaminated probes. Personal protective equipment includes gloves, eye protection and fluid-repellent gown.
- ▶ Once you are wearing personal protective equipment, you are ready to begin the disinfection process.

## 2. Cleaning the TEE Probe

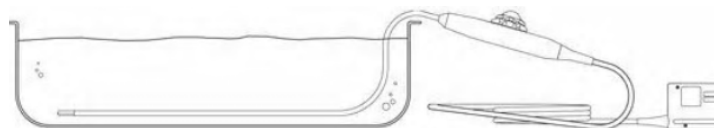
- ▶ The first step in the high-level disinfection process is thorough cleaning. Possibly contaminated probes must be thoroughly cleaned prior to disinfection.
- ▶ Thoroughly clean the probe with a detergent especially taking care of the junctions of the flexible part and the indentation on the scan head (see Figure 1).
- ▶ Wipe the TEE probe with 5 Tristel Dry Wipes soaked with 8 ml 1.6% CIDEZYME and wipe for 3 minutes.
- ▶ Rinse the TEE probe for 1 minute with a 1% sodium dodecyl sulphate (SDS) solution.



[Figure 1. TEE probe MMPT3-7 with contamination spots (arrows)]

## 3. Disinfecting the TEE Probe

- ▶ Prepare a Gigasept® PAA solution with a concentration of at least 2% using the manufacturer's instructions.
- ▶ Place the TEE probe in the 2% Gigasept® PAA solution as shown in Figure 2.
- ▶ Ensure that all air is removed from the surface of the TEE probe.
- ▶ Leave the TEE probe for at 15 minutes in the solution.



[Figure 2. Do not immerse beyond this point, 5cm from the strain relief]

- ▶ Gigasept® PAA solution shall not be reused beyond 12 hours.

#### **4. Rinse**

- ▶ Remove the TEE probe from the solution and thoroughly rinse all surfaces up to the immersion point as shown, repeat this process two more times with sterile water, each time for a minimum of one (1) minute.

#### **5. Dry**

- ▶ Thoroughly dry all surfaces of the probe using a sterile, lint-free wipe or cloth, changing wipes/cloths when necessary to ensure the probe is completely dry. Visually inspect the probe to ensure all surfaces are clean and dry. Repeat the drying steps if any moisture is still visible.
- ▶ Disinfected probe should be used immediately or stored in such a way that recontamination is prevented.

#### **6. Disposal of the Disinfection Solution**

- ▶ According to the manufacturer Gigasept® PAA Solution can be discarded down hospital- and office drains. Recommendation however is to check the local regulations first.