## Safety Precautions

### Safety Precautions

Please read the following precautions carefully to ensure the safety of the patient and the operator when using this transducer

DANGER:

liquids such as ethanol, near the product, because there is danger of explosion. DO NOT use flammable gasses, such as anesthetic gas or hydrogen, or flammable

#### WARNING:

- 1. Confirm that the transducer and cable are normal before and after each examination. A defective transducer may cause electric shock to the patient.
- Do not subject the transducer to shock. A defective transducer may cause electric shock to the patient
- ω Do not disassemble the transducer to avoid the possibility of electric shock
- Never immerse the transducer connector into liquids such as water or disinfectant because the connector is not waterproof. Immersion may cause electric shock or
- The ultrasonic transducer is only for use with the specified ultrasonic diagnostic the proper transducer. system. Please refer the ultrasonic diagnostic system operation manual to select
- A transducer sheath must be installed over the transducer before performing
- Do not use an aftermarket probe other than those specified by Mindray. The probes may damage the system causing a profound failure, e.g. a fire in the worst

#### CAUTION:

- When using the transducer, wear sterile gloves to prevent infection.
- Be sure to use ultrasound gel. Please use the ultrasound gel compliant with the relevant local regulations.
- In normal diagnostic ultrasound mode, there is no danger of a low-temperature burn; however, keeping the transducer on the same region of the patient for a long time may cause such a burn.
- Do not use the carrying case for storing the transducer. If the carrying case is used for storage, it may become a source of infection.
- The transducer and accessories supplied with it are not delivered disinfected or sterilized. Sterilization (or high-level disinfect) before use is required

- 6. It is required to practice ALARA when operating ultrasound system. Minimize the acoustic power without compromising the quality of images.
- Disposable components are packaged sterile and are single-use only. Do not use disposable components compliant with the relevant local regulations. if integrity of packaging violated or if expiration date has passed. Please use the
- œ Please use the disinfection or sterilization solution that recommended in this Service Department or sales representative. other solutions. If you have any questions, please contact Mindray Customer operator's manual, otherwise Mindray will not be liable for damage caused by
- Do not use pre-lubricated condoms as a sheath. Lubricant may not be compatible with the transducer material and damage may result
- ammonium chloride compounds, acetone or formaldehyde. Transducer damage may be caused by inappropriate gel, detergent or cleanser: Do not soak or saturate transducers with solutions containing alcohol, bleach,

5

Avoid contact with solutions or coupling gels containing mineral oil or lanolin

#### NOTE:

Read the following precautions to prevent the transducer from malfunction Before connecting or disconnecting the transducer, freeze or turn off the ultrasonic diagnostic system

Clean and disinfect the transducer before and after each examination

Ambient conditions:

sudden changes in temperature direct sunlight or X-rays To prevent the transducer from being damaged, do not use it where it will be exposed to:

excessive vibratior

# Inspection Before and After Use

Inspection before and after use must be performed as described below to ensure safe operation of the

If any abnormality is found, immediately stop using the transducer and contact MINDRAY Customer Service Department or sales representative

# Check the External Appearance of the Transducer

Confirm that there are no abnormalities of the transducer surface or cable sheath, such as peeling, cracks, protruding parts, or looseness of the acoustic lens, before and after each examination

WARNING: abnormality is found, immediately stop using the transducer and contact your MINDRAY Customer Service Department or sales representative. Transducer abnormalities may cause electric shock or injury to the patient. If any

# 1.2 Cleaning the Transducer

Clean and disinfect the transducer before and after each examination.

If you don't clean and disinfect the transducer, it may become a source of infection.

# 1.3 Checking after Turning on the System

After turning ON the power of the ultrasonic diagnostic system, perform the following checks

The acoustic lens of the transducer must not generate abnormal heat while it is being used. The transducer temperature should be checked by hand.

If you keep a hot acoustic lens on the body surface, the patient may be burned.

The image must not be abnormal while turning on the system

Any of the problems mentioned above indicates that the ultrasonic diagnostic system or the transducer may be defective

CAUTION Clean and disinfect the transducer before and after each examination

When using the transducer, wear sterile gloves to prevent infection.

### <u>1</u>.4 **Utilizing the Transducer Cover**

A legally marketed transducer sheath must be installed over the transducer before performing intra-cavitary examination. Protective barriers may be required to minimize disease transmission. Transducer covers are available for use with all clinical situations where infection is a concern.

#### CAUTION:

- Be sure to cover the transducer with a new (unused) transducer sheath to sufficient. DO NOT use such a transducer sheath. prevent infection during examination. If the package of a transducer sheath is open or broken, the sterilization of the transducer sheath may not be
- The cover contains natural rubber latex and talc that can cause allergic reactions in some individuals.
- 3. DO NOT use an expired transducer cover. Before using transducer sheaths, verify whether the term of validity has expired

### Method (for reference only)

Place an appropriate amount of gel inside the sheath or on the transducer acoustic lens. Poor imaging may result if no gel is used.

Ņ



Insert the transducer into the sheath. Pull cover tightly over transducer acoustic lens to remove avoid puncturing the sheath. wrinkles and air bubbles, and taking care to

ω Secure the sheath with the enclosed elastic bands. 4. Inspect the sheath to ensure there are no holes

or tears.



Multi-Modality Imaging and Corporate Office: To order probe sheaths, contact Toll-free within the U.S. & Canada: 800.445.6741

Toll-free Fax: 877.329.2482

Direct Dial: 319.248.6757 (International)

Fax: 319.248.6660; E-mail: order@civco.com; Website: www.civco.com

# Cleaning and Disinfection

After completing each examination, clean and disinfect (or sterilize) the probes as required. When biopsy procedures have been performed, be sure to sterilize the needle-guided bracket. Fail to do so may result in the probe and the needle-guided bracket to becoming sources of infection. Please follow the instructions in the manual for cleaning.

WARNING:

Never immerse the probe connector into liquid such as water or disinfectant. Immersion may cause electrical shock or malfunction.

CAUTION:

 When performing cleaning and disinfection of the probe to prevent infection, wear sterile gloves.



- After disinfection, rinse the probe thoroughly with sterile water to remove all chemical residues. Chemical residues on the probe may be harmful to the human body.
- 3 No cleaning and disinfecting may result in the probe becoming a source of infection.
- After the examination, wipe off the ultrasound gel thoroughly. Otherwise, the ultrasound gel may solidify and degrade the image quality of the transducer.
- DO NOT make the probe to become overheated (more than 55°C) during cleaning and disinfections. High temperature may cause the probe to become deformed or damaged.

### 2.1 Cleaning

Please refer to the instructions in the manual and follow your hospital policy and procedures for cleaning

- Disconnect the probe from the system.
- Wear sterile gloves to prevent infection.
- Wash the transducer with clean water or soapy water to remove all the foreign matters, or, wipe the transducer with a soft ethyl carbamate sponge. Avoid using a brush, because it may damage the transducer.
- 4. Dry the transducer using a sterile cloth or gauze after rinsing. Do not dry the transducer by heating it

# 2.2 Disinfecting with Sprays or Wipes

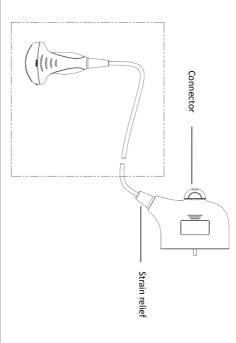
CAUTION:

Use protective eyewear when disinfecting using sprays.

Wear sterile gloves to prevent infection.

Ņ

- After you have finished cleaning, spray or wipe the transducer with a disinfectant. Follow the disinfectant manufacturer's recommended contact time and mode.
- Remove any residue with a water-moistened soft cloth on the transducer.
- 4. Wipe off water on the transducer using sterile cloth or gauze after washing.



**NOTE:** Observe the graph here carefully to perform disinfection. Do not spray the strain relief on the connector end or the connector.

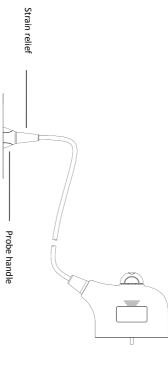
# 2.3 Disinfecting by Immersion

- Wear sterile gloves to prevent infection.
- Clean the transducer before disinfecting it. MINDRAY recommends the following solutions to disinfect the transducer.

Refer to the instructions provided by the chemical manufacturer concerning concentration of the disinfectant solution, method of disinfection and clilution and cautions during use. Do not soak the transducer connector or the cable near it into water or any solution.

Soak the transducer into the disinfectant solution for the shortest time the manufacturer recommends (for example, the shortest time recommended by the manufacturer for soaking Cidex OPA is 12 minutes). Follow local regulations when selecting and using the disinfectant.

- ω Rinse the transducer with plenty of sterile water (about 2 gallons) for at least 1 minute to remove all chemical residues on it. Or, follow the rinsing method recommended by the disinfectant manufacturer to rinse the transducer
- 4. Wipe off the water on the transducer with sterile cloth or gauze after rinsing it. Do not dry the transducer by



|              | Strain relief |   |
|--------------|---------------|---|
|              |               |   |
|              |               | / |
| Probe handle |               |   |
|              |               |   |
|              |               |   |

performance periodically.

#### 2.4 **Sterilization**

For intra-operative transducers, they have to be sterilized after completing each examination.

- Wear sterile gloves to prevent infection.
- Clean the transducer before sterilizing it. MINDRAY recommends the following solutions to sterilize the

Hydrogen Peroxide and Peroxyacetic Acid -based sterilization solution

| ster<br>uctic | manufacturer of the solution for details. | Please refer to the instructions provided by the | Temperature: 20°C-25°C. | Immersed time: 11 hours. | 4.5% Peroxyacetic Acid (1:20). | Minncare®Cold Sterilant   22% Hydrogen Peroxide   Dilute the sterilant with sterilized purified water | Trade Name Chemical Name Proce |
|---------------|-------------------------------------------|--------------------------------------------------|-------------------------|--------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------|
|               | the solution for                          | the instructio                                   | ℃- <b>25</b> ℃.         | 11 hours.                |                                | lant with steri                                                                                       | Procedures                     |
| _             |                                           | by the                                           |                         |                          |                                | ed water                                                                                              |                                |

Glutaraldehyde-based sterilization solution

| Trade Name              | Chemical Name               | Procedures                                             |
|-------------------------|-----------------------------|--------------------------------------------------------|
| Cidex Activated         |                             | Soak the transducer into the activated solution for 10 |
| Glutaraldehyde Solution | 2 2 2 7% Clistaraldehyde    | hours (20-25°C).                                       |
| (applicable for CE      | 2.2-2.7 % Giutal aluel lyue | Please refer to the instructions provided by the       |
| region)                 |                             | manufacturer of the solution for details.              |

- sterilization solution, method of sterilization and dilution and cautions during use. Refer to the instructions provided by the chemical manufacturer concerning concentration of the
- Do not soak the transducer connector or the cable near it into water or any solution.
- Follow local regulations when selecting and using the sterilization solution.
- Rinse the transducer with plenty of sterile water (about 2 gallons) for at least 1 minute to remove all chemical residues on it. Or, follow the rinsing method recommended by the sterilization solution manufacturer to rinse the transducer.
- Wipe off the water on the transducer with sterile cloth or gauze after rinsing it. Do not dry the transducer by



Immerse the intra-operative transducer in the solution (for reference)

Glutaraldehyde Solution for at least 217 times (10 hours for one time). Before safety and performance is affected, intra-operative probes can be sterilized by Cidex Activated

STERILANT for at least 135 times (11 hours for one time). Before safety and performance is affected, intra-operative probes can be sterilized by Minncare COLD

Appendix A

| Table 1 wipe disinfectants for convex probes | Disinfectants  Probes                | C5-1s/C5-1E/C5-1U | C5-2/C5-2s/C5-2E | C6-2E/C6-2 | C6-2Gs/C6-2GE/C6-2GU | C7-3E | C11-3E/ C11-3s/C11-3U | 3C1/3C1s/3C1p | 3C5/3C5s/3C5A/3C5P | 6C2/6C2P/6C2s | 35C20EA/35C50EA/35C50EB/35C50P | 65C15EAV/65C15EA | SC5-1U/SC5-1E | SC6-1U | SC8-2U | 65EC10EA/65EC10EB/65EC10EC | 65EL60EA | 65EC10ED |
|----------------------------------------------|--------------------------------------|-------------------|------------------|------------|----------------------|-------|-----------------------|---------------|--------------------|---------------|--------------------------------|------------------|---------------|--------|--------|----------------------------|----------|----------|
|                                              | CLEANISEPT® WIPES                    | . 2               | 2                | 2          | 2                    | 7     | ~                     | ۷             | 2                  | 2             | 2                              | 2                | 2             | 2      |        |                            |          |          |
|                                              | mikrozid <sup>®</sup> AF Wipes Jumbo | ~                 | ~                | ~          | ~                    | V     | ~                     | ~             | ~                  | ~             | ~                              | ~                | ~             | ~      |        |                            |          |          |
|                                              | mikrozid®Sensitive Wipes             | . ~               | 2                | ~          | ~                    | V     | ~                     | ~             | ~                  | 2             | ~                              | 2                | ~             | ~      |        |                            |          |          |
|                                              | PROTEX™DISINFECTANT<br>Wipes         | . 2               | 2                | ~          |                      | V     | V                     | ~             | ~                  | ~             | ~                              | ~                |               |        |        | ~                          | 2        | ~        |
|                                              | Sani-Cloth <sup>®</sup> Plus         | . ~               | ~                | ح          | ح                    | ~     | 2                     | ح             | ح                  | ح             | ح                              | ح                | ح             | ح      |        |                            |          |          |
|                                              | SONO™ ULTRASOUND WIPES               | _                 | ~                | ~          | ~                    | V     | ~                     | ~             | ~                  | ~             | ~                              | ~                | ~             | ~      |        |                            |          |          |
|                                              | Tristel Surface Wipes                | . ~               | ~                | ~          | ~                    | V     | V                     | ~             | ~                  | ~             | ~                              | ~                | ~             | ~      |        |                            |          |          |
|                                              | Tristel Pre-Clean Wipes              | . ~               | ~                | ~          | ~                    | V     | V                     | ~             | ~                  | ~             | ~                              | ~                | ~             | ~      |        |                            |          |          |
|                                              | Tristel Sporicidal Wipes             | . ~               | ~                | ~          | ~                    | V     | V                     | ~             | 2                  | ~             | ~                              | ~                | ~             | ~      |        |                            |          |          |
|                                              | Tristel Rinse Wipes                  | . ~               | ~                | ~          | ~                    | V     | V                     | ~             | ~                  | 2             | ~                              | 2                | ~             | ~      |        |                            |          |          |
|                                              | UNIVERSAL WIPES                      |                   | ~                | ~          | ~                    | V     | ~                     | ~             | ~                  | ~             | ~                              | ~                | ~             | ~      |        |                            |          |          |
|                                              | Wip'Anios premium                    | ~                 | ~                | ~          | ~                    | V     | V                     | ~             | ~                  | ~             | ~                              | ~                | ~             | ~      |        |                            |          |          |
|                                              | Ultrasound probe cleaning wipes      |                   | ~                | ~          | 2                    | V     | <b>√</b>              | ~             | ~                  | ~             | ~                              | ~                |               |        |        |                            |          |          |
|                                              | SPOROXII                             |                   |                  |            |                      |       |                       |               |                    |               |                                |                  |               |        | ~      |                            |          |          |
|                                              |                                      |                   |                  |            |                      |       |                       |               |                    |               |                                |                  |               |        |        |                            |          |          |

Table 2 wipe disinfectants for linear probes

| 75L50EAV/75LT38EA | 75L38EA/75L38EB/75L53EA/75L60EA/75L38P √ √ | 65L50HAV | 50L60EAV | 10L24EA V | 10L4/10L4s | 7L6/7L6s V V | 7L5/7L5P/7L5s V V | 7LT4/7LT4S/7LT4P | 7L4/7L4S/7L4A/7L4P \qquad \qqquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq | 6LE5V/6LE5Vs/6LE5VP | 6LE7/6LE7s/6LE7P | L20-5U/L20-5/L20-5s | LM14-6E/LM14-6S/LM16-4U | L16-4HE/L16-4HS/L16-4HU | L14-6WE/L14-6WS/L14-6WU | L14-6N/L14-6NS/L14-6NP/L14-6NE √ √ | _14-6/L14-6s/L14-6P | _14-5W/L14-5WU | _12-4/L12-4s \ \ \ \ \ \ | L12-3/L12-3E   V   V | _11-4/L11-4s | L11-3U V | L10-3E/L10-3s | L9-3U/L9-3E/L9-3s   V   V | L7-3/L7-3s/L7-3E | Disinfectants  CLEANISEPT® WIPES  mikrozid®AF Wipes Jumbo |
|-------------------|--------------------------------------------|----------|----------|-----------|------------|--------------|-------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|---------------------|-------------------------|-------------------------|-------------------------|------------------------------------|---------------------|----------------|--------------------------|----------------------|--------------|----------|---------------|---------------------------|------------------|-----------------------------------------------------------|
|                   | \<br>                                      |          |          | _         |            | _            | _                 |                  | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | _                       |                         | _                       | _                                  | _                   |                | _                        | _                    | _            | _        |               | _                         | \<br>            | mikrozid <sup>®</sup> Sensitive Wipes                     |
|                   | 7                                          |          |          | ~         |            | ~            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | ~                       |                         | 7                       | ~                                  | ~                   |                | ~                        | V                    | ~            | ~        |               | V                         | V                | mikroziu Sensitive Wipes                                  |
| ~                 | 7                                          | ~        | 2        |           |            | ~            | ~                 | . ~              | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | . ~                 | ~                |                     | ~                       |                         | V                       | ~                                  |                     |                | ~                        | V                    |              |          |               | V                         | V                | PROTEX™DISINFECTANT<br>Wipes                              |
|                   | 7                                          |          |          | ~         |            | ~            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | ~                       |                         | 7                       | ~                                  | ~                   |                | ~                        | V                    | ~            | ~        |               | V                         | V                | Sani-Cloth <sup>®</sup> Plus                              |
|                   | ~                                          |          |          | 2         |            | 2            | 2                 |                  | ۷                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  | ۷                   | ۷                       |                         | 7                       | 2                                  | ۷                   | ۷              | ۷                        | ~                    | ۷            | ۷        |               | ~                         | V                | SONO™ ULTRASOUND WIPES                                    |
|                   | 7                                          |          |          | 2         |            | ~            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | ~                       |                         | ~                       | ~                                  | ~                   |                | ~                        | ~                    | ~            | ~        |               | ~                         | V                | Tristel Surface Wipes                                     |
|                   | V                                          |          |          | 2         |            | ~            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | ~                       |                         | 2                       | ~                                  | ~                   |                | ~                        | ~                    | ~            | ~        |               | V                         | V                | Tristel Pre-Clean Wipes                                   |
|                   | 7                                          |          |          | ~         |            | 2            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | 2                       |                         | V                       | 2                                  | 2                   |                | 2                        | V                    | 2            | 2        |               | V                         | V                | Tristel Sporicidal Wipes                                  |
|                   | ~                                          |          |          | ~         |            | ~            | 2                 |                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | 2                       |                         | 1                       | 2                                  | 2                   |                | 2                        | 1                    | 2            | 2        |               | V                         | V                | Tristel Rinse Wipes                                       |
|                   | 7                                          |          |          | 2         |            | 2            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | 2                       |                         | 7                       | 2                                  | 2                   |                | 2                        | ~                    | 2            | 2        |               | ~                         | V                | UNIVERSAL WIPES                                           |
|                   | V                                          |          |          | ~         |            | ~            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | ~                       |                         | V                       | ~                                  | ~                   |                | ~                        | V                    | ~            | ~        |               | V                         | V                | Wip'Anios premium                                         |
|                   |                                            |          |          |           |            |              |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                  |                     |                         |                         |                         |                                    |                     |                |                          |                      |              |          | ~             |                           |                  | DI Water                                                  |
|                   |                                            |          |          |           |            |              |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                  |                     |                         |                         |                         |                                    |                     |                |                          |                      |              |          | ~             |                           |                  | Bleach 5.25%(10% solution)                                |
|                   |                                            |          |          |           |            |              |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                  |                     |                         |                         |                         |                                    |                     |                |                          |                      |              |          | 2             |                           |                  | Ethanol 75%                                               |
|                   |                                            |          |          |           |            |              |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                  |                     |                         |                         |                         |                                    |                     |                |                          |                      |              |          | ~             |                           |                  | Sporox II                                                 |
|                   | V                                          |          |          |           |            | ~            | ~                 |                  | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                  |                     | ~                       |                         | V                       | ~                                  |                     |                | 2                        | V                    |              | ~        |               | V                         | V                | Ultrasound probe cleaning wipes                           |
|                   |                                            |          |          |           |            |              |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                  | ~                   |                         |                         |                         |                                    |                     | ~              |                          |                      |              |          |               |                           |                  | Sani-Cloth AF3                                            |
|                   |                                            |          |          |           |            |              |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                  | ٧                   |                         |                         |                         |                                    |                     | V              |                          |                      |              |          |               |                           |                  | MetriSponge                                               |
|                   |                                            |          |          |           |            |              |                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                  |                     |                         |                         |                         |                                    |                     | 2              |                          |                      |              |          |               |                           |                  | Protex Ultra Wipes                                        |

Table 3 wipe disinfectants for other types of probes

| Digital          | Biolope                        |          | Pencil        |                  | <b>Endo-cavity</b>                        |                          |                                             |                      |               | Phased       |                      |                              |                                | Probes                                 |
|------------------|--------------------------------|----------|---------------|------------------|-------------------------------------------|--------------------------|---------------------------------------------|----------------------|---------------|--------------|----------------------|------------------------------|--------------------------------|----------------------------------------|
| 6LB7/6LB7s/6LB7P | CB10-4/CB10-4P/CB10-4A/CB10-4E | 65EB10EA | CW2s/CW5s/CW5 | 6CV1/6CV1s/6CV1P | V10-4/10-4s/V10-4B/V10-4Bs/V10-4BP/V10-4P | V11-3HU/ V11-3HE/V11-3Hs | V11-3/V11-3BE/V11-3B/V11-3WE/V11-3Ws/V11-3E | SP5-1U/SP5-1s/SP5-1E | 2P2/2P2s/2P2P | P12-4/P12-4s | P10-4E/P10-4s/P10-4U | P7-3/P7-3s/P7-3E/P7-3P/P7-3U | P4-2/P4-2s/P4-2E/P4-2NE/P4-2Ns | Disinfectants                          |
|                  |                                |          |               |                  |                                           | ~                        |                                             | ~                    | V             |              | 2                    |                              | ٧                              | CLEANISEPT® WIPES                      |
|                  |                                |          |               |                  |                                           | 2                        |                                             | ~                    | V             |              | 2                    |                              | V                              | mikrozid <sup>®</sup> AF Wipes Jumbo   |
|                  |                                |          |               |                  |                                           | 2                        |                                             | ~                    | V             |              | ~                    |                              | V                              | mikrozid <sup>®</sup> Sensitive Wipes  |
| 2                | ~                              | ~        |               | ~                | ~                                         |                          | ~                                           | ~                    | V             |              | 2                    |                              | V                              | PROTEX <sup>™</sup> DISINFECTANT Wipes |
|                  |                                |          |               |                  |                                           | ~                        |                                             | ~                    | V             |              | ~                    |                              | \                              | Sani-Cloth <sup>®</sup> Plus           |
|                  |                                |          |               |                  |                                           | ~                        |                                             | ~                    | 1             | ~            | ~                    |                              | V                              | SONO™ ULTRASOUND WIPES                 |
|                  |                                |          |               |                  |                                           | ۷                        |                                             | ~                    | V             |              | ~                    |                              | V                              | Tristel Surface Wipes                  |
|                  |                                |          |               |                  |                                           | 2                        |                                             | ~                    | V             |              | ~                    |                              | V                              | Tristel Pre-Clean Wipes                |
|                  |                                |          |               |                  |                                           | ۷                        |                                             | ~                    | V             |              | ~                    |                              | ~                              | Tristel Sporicidal Wipes               |
|                  |                                |          |               |                  |                                           | 2                        |                                             | ~                    | V             |              | 2                    |                              | V                              | Tristel Rinse Wipes                    |
|                  |                                |          |               |                  |                                           | ۷                        |                                             | ~                    | V             |              | ~                    |                              | V                              | UNIVERSAL WIPES                        |
|                  |                                |          |               |                  |                                           | ~                        |                                             | ~                    | 1             |              | 2                    |                              | V                              | Wip'Anios premium                      |
|                  |                                |          |               |                  |                                           | 2                        |                                             |                      | V             |              | ۷                    |                              | ~                              | Ultrasound probe cleaning wipes        |

| Probes  Probes  Probes  4CD4/4CD4A/4CD4s  D7-2/D7-2E/D7-2s  D6-2/D6-2P/D6-2A/D6-2E  D6-2NE  D8-2U  D8-4U  D8-4U |    |
|-----------------------------------------------------------------------------------------------------------------|----|
| Disinfectants                                                                                                   |    |
| CLEANISEPT® WIPES                                                                                               |    |
| mikrozid®AF Wipes Jumbo                                                                                         |    |
| PROTEXTMDISINFECTANT Wipe                                                                                       | es |
| ∠ ∠ Sani-Cloth®Plus                                                                                             |    |
| SONO™ ULTRASOUND WIPES                                                                                          | S  |
| Tristel Surface Wipes                                                                                           |    |
| Tristel Pre-Clean Wipes                                                                                         |    |
| Tristel Sporicidal Wipes                                                                                        |    |
| Tristel Rinse Wipes                                                                                             |    |
| UNIVERSAL WIPES                                                                                                 |    |
| mikrozid®Sensitive Wipes                                                                                        |    |
| Wip'Anios premium                                                                                               |    |
| CaviWipes                                                                                                       |    |
| CaviWipes 1                                                                                                     |    |
| Z Z Tuffle 5                                                                                                    |    |
| ultrasound probe cleaning wipe                                                                                  | es |
| Sani Cloth Active                                                                                               |    |

Table 1 spray disinfectants for convex probes

| Disinfectants                  | Oxivir <sup>™/MC</sup> Tb | PI-SPRAY-II | Surfa'safe | TRANSEPTIC | PROTEX <sup>™</sup> DISINFECTANT<br>SPRAY | Tristel Solo | IODOCLEAN | T-Spray |
|--------------------------------|---------------------------|-------------|------------|------------|-------------------------------------------|--------------|-----------|---------|
| C5-1s/C5-1E/C5-1U              | ح                         | ~           | V          |            | ~                                         |              | ~         |         |
| C5-2/C5-2s/C5-2E               | V                         | V           | V          |            | V                                         |              | V         |         |
| C6-2E/C6-2                     | V                         | V           | V          |            | V                                         |              | V         |         |
| C6-2Gs/C6-2GE/C6-2GU           | V                         | V           | $\wedge$   |            |                                           |              |           |         |
| C7-3E                          | V                         | V           | V          | V          | V                                         | V            | V         |         |
| C11-3E/ C11-3s/C11-3U          | ~                         | ~           | V          | V          | ~                                         | V            | V         |         |
| 3C1/3C1s/3C1p                  | ح                         | ~           | ~          | ~          | V                                         | ۷            | ~         |         |
| 3C5/3C5s/3C5A/3C5P             | ~                         | ~           | V          | ~          | V                                         | ~            | V         |         |
| 6C2/6C2P/6C2s                  | 2                         | ~           | 7          | ~          | V                                         | ۷            | ~         |         |
| 35C20EA/35C50EA/35C50EB/35C50P | ~                         | ~           | V          | ~          | ~                                         | ~            | ~         |         |
| 65C15EAV/65C15EA               | ۷                         | ~           | ~          | ~          | ~                                         | ~            | ~         |         |
| SC5-1U/SC5-1E                  | . ~                       |             | . V        |            |                                           |              |           |         |
| SC6-1U                         | 2                         | ~           | ~          | -          |                                           |              |           |         |
| SC8-2U                         |                           |             |            |            | ·                                         | _            |           | 2       |
| 65EC10EA/65EC10EB/65EC10EC     |                           | د د         |            | ۷ ۷        | 22                                        | د د          |           |         |
| 65EC10ED                       |                           | ح           |            | ~          | ~                                         | <            |           |         |

Table 2 spray disinfectants for linear probes

| 75L50EAV/75LT38EA | 75L38EA/75L38EB/75L53EA/75L60EA/75L38P | 65L50HAV | 50L60EAV | 10L24EA | 10L4/10L4s | 7L6/7L6s | 7L5/7L5P/7L5s | 7LT4/7LT4s/7LT4P | 7L4/7L4S/7L4A/7L4P | 6LE5V/6LE5Vs/6LE5VP | 6LE7/6LE7s/6LE7P | L20-5U/L20-5/L20-5s | LM14-6E/LM14-6s/LM16-4U | L16-4HE/L16-4HS/L16-4HU | L14-5W/L14-5WU | L14-6WE/L14-6WS/L14-6WU | L14-6N/L14-6NS/L14-6NP/L14-6NE | L14-6/L14-6s/L14-6P | L12-4/L12-4s | L12-3/L12-3E | L11-4/L11-4s | L11-3U | L10-3E/L10-3s | L9-3U/L9-3E/L9-3s | L7-3/L7-3s/L7-3E | Disinfectants  Probes                     |
|-------------------|----------------------------------------|----------|----------|---------|------------|----------|---------------|------------------|--------------------|---------------------|------------------|---------------------|-------------------------|-------------------------|----------------|-------------------------|--------------------------------|---------------------|--------------|--------------|--------------|--------|---------------|-------------------|------------------|-------------------------------------------|
|                   | ۷                                      |          |          | ~       |            | ~        | ~             |                  | ~                  |                     |                  |                     | ۷                       |                         |                | ~                       | 2                              | V                   | V            | ۷            | V            | V      |               | V                 | ۷                | Oxivir <sup>TM/MC</sup> Tb                |
| ~                 | ح                                      | ~        | ~        | ~       |            | ~        | ~             | ~                | ~                  | ~                   | ~                | V                   | ۷                       |                         | ~              | ~                       | ~                              | V                   | V            | ~            | V            | V      |               | V                 | ~                | PI-SPRAY-II                               |
|                   | ۷.                                     |          |          | 2       |            | 2        | 2             |                  | 2                  |                     |                  |                     | ح                       |                         |                | ~                       | 2                              | V                   | V            | ~            | V            | V      |               | V                 | ~                | Surfa'safe                                |
| ~                 | ۷                                      | ~        | ~        |         |            | ~        | ~             | ~                | ~                  | ~                   | ~                |                     | ۷                       |                         |                |                         |                                |                     |              |              |              |        |               |                   | ۷                | TRANSEPTIC                                |
| V                 | ۷                                      | ~        | ۷        |         |            | 2        | 2             | . ~              | 2                  | 2                   | ۷                |                     | ۷                       |                         |                | ~                       | ۷                              |                     | V            | ۷            |              |        | ν             | V                 | ~                | PROTEX <sup>™</sup> DISINFECTANT<br>SPRAY |
| ~                 | ~                                      | ~        | ~        |         |            | ~        | ~             | ~                | ~                  | ~                   | ~                |                     | ۷                       |                         |                |                         |                                |                     |              |              |              |        | 7             |                   | ۷                | Tristel Solo                              |
|                   | ۷                                      |          |          |         |            | ~        | ~             |                  | ~                  |                     |                  |                     | ۷                       | ~                       |                | ~                       | ~                              |                     | V            | ۷            |              |        |               | V                 | ۷                | IODOCLEAN                                 |

Table 3 spray disinfectants for other types of probes

| Dibialia         | Biolope                        |          | Pencil        |                  | <b>Endo-cavity</b>                        |                          |                                              |                      |               | Phased       |                      |                              |                                | Probes                                    |
|------------------|--------------------------------|----------|---------------|------------------|-------------------------------------------|--------------------------|----------------------------------------------|----------------------|---------------|--------------|----------------------|------------------------------|--------------------------------|-------------------------------------------|
| 6LB7/6LB7s/6LB7P | CB10-4/CB10-4P/CB10-4A/CB10-4E | 65EB10EA | CW2s/CW5s/CW5 | 6CV1/6CV1s/6CV1P | V10-4/10-4s/V10-4B/V10-4Bs/V10-4BP/V10-4P | V11-3HU/ V11-3HE/V11-3Hs | V11-3/V11-3BE/V11-3B/V11-3WE/ V11-3Ws/V11-3E | SP5-1U/SP5-1s/SP5-1E | 2P2/2P2s/2P2P | P12-4/P12-4s | P10-4E/P10-4s/P10-4U | P7-3/P7-3s/P7-3E/P7-3P/P7-3U | P4-2/P4-2s/P4-2E/P4-2NE/P4-2Ns | Disinfectants                             |
|                  |                                |          |               |                  |                                           | ~                        |                                              | ~                    | 2             | 2            | 2                    |                              | 2                              | Oxivir <sup>TM/MC</sup> Tb                |
| 2                | ح                              | ۷        |               | 2                | ۷                                         | 2                        | ح                                            | 2                    | ح             | 2            | ح                    |                              | ۷                              | PI-SPRAY-II                               |
|                  |                                |          |               |                  |                                           | 2                        |                                              | ~                    | 2             |              | ~                    |                              | 2                              | Surfa'safe                                |
| ~                | ~                              | ~        |               | ~                | ~                                         |                          | ~                                            |                      | 2             |              | ~                    |                              | ~                              | TRANSEPTIC                                |
| ۷                | ~                              | ~        |               | ~                | ~                                         |                          | ~                                            | ~                    | ~             | ~            | ~                    |                              | ~                              | PROTEX <sup>™</sup> DISINFECTANT<br>SPRAY |
| ۷                | ~                              | ~        |               | ~                | ~                                         |                          | ~                                            | ~                    | ~             |              | ~                    |                              | ~                              | Tristel Solo                              |
|                  |                                |          |               |                  |                                           |                          |                                              |                      | ~             |              | ~                    |                              | ~                              | IODOCLEAN                                 |

Table 4 spray disinfectants for 4D probes

| DE10-3<br>DE10-3E/DE10-3U               |                                         |
|-----------------------------------------|-----------------------------------------|
| /D6-2E V                                | 6-2E                                    |
| 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| 2 2 2 2                                 | 2 2 2 2                                 |
| ۷                                       | ~ ~ ~                                   |
| ~ ~ ~                                   | 2 2 2                                   |
|                                         |                                         |
|                                         |                                         |
|                                         |                                         |
|                                         | 11-3P                                   |

| ЖТгс                                                      |          |          |                            |        |        |               |                  |                                |               |                    |               |                       |       |                      |            |                  |                   |                                                           |
|-----------------------------------------------------------|----------|----------|----------------------------|--------|--------|---------------|------------------|--------------------------------|---------------|--------------------|---------------|-----------------------|-------|----------------------|------------|------------------|-------------------|-----------------------------------------------------------|
| **TrophonSonex-HL (Used with Trophon EPR Ultrasound Probe | BATC10FD | 65EL60EA | 65EC10EA/65EC10EB/65EC10EC | SC8-2U | SC6-1U | SC5-1U/SC5-1E | 65C15EAV/65C15EA | 35C20EA/35C50EA/35C50EB/35C50P | 6C2/6C2P/6C2s | 3C5/3C5s/3C5A/3C5P | 3C1/3C1s/3C1p | C11-3E/ C11-3s/C11-3U | C7-3E | C6-2Gs/C6-2GE/C6-2GU | C6-2E/C6-2 | C5-2/C5-2s/C5-2E | C5-1s/C5-1E/C5-1U | Disinfectants  Probes                                     |
| nd Probe                                                  | ~        | ~        | 2                          | V      | ۷      | 2             | ~                | ~                              | ~             | ~                  | ~             | ~                     | ~     | 2                    | ~          | 2                | V                 | CIDEX OPA                                                 |
| Dis                                                       | ۷.       | ~        | ۷                          |        |        |               | ~                | ~                              | ~             | ~                  | ~             | ~                     | ~     |                      |            |                  |                   | Cidex Activated Glutaraldehyde<br>Solution                |
| tor)                                                      |          | ~        | 2                          | V      |        |               | ~                | ~                              | ~             | ~                  | ~             | ~                     | ~     |                      |            |                  |                   | MetriZyme                                                 |
|                                                           |          | ~        | ~                          |        |        |               | 2                | ~                              | ~             | ~                  | ~             | 2                     | ~     | ~                    |            |                  |                   | Minncare <sup>®</sup> Cold Sterilant                      |
| ~                                                         | ~        | ~        | ۷                          |        | ~      |               | ~                | ~                              | ~             | ~                  | ~             | ~                     | ~     |                      | ~          | ~                | V                 | Ster-Bac                                                  |
| ~                                                         | ۷_       |          | ۷                          |        |        |               | ۷                | ح                              | 2             | ح                  | ح             | 2                     | ۷     |                      |            |                  |                   | TrophonSonex-HL※                                          |
| ~                                                         | ~        | ۷        | ~                          |        |        |               | ~                | ~                              | ~             | ~                  | ~             | ~                     | ~     | ~                    | 2          | ~                | V                 | Triacid-N                                                 |
| 4                                                         | ٧.       |          |                            |        |        |               |                  |                                |               |                    |               |                       |       |                      |            |                  |                   | Revital-Ox <sup>™</sup> Resert High Level<br>Disinfectant |
| -                                                         | \<br>\   |          |                            |        | ~      |               | ~                | <                              | ~             | ~                  | ~             | ~                     | ~     | ~                    | ~          | ~                | V                 | ggigasept <sup>®</sup> PAA concentrate                    |
| 4                                                         | ۷.       |          |                            | V      |        |               | ~                | ~                              | ~             | ~                  | ~             | ~                     | ~     | ~                    | ~          | ~                | V                 | gigasept®FF(neu)                                          |
| -                                                         | \<br>\   |          |                            |        |        |               | ~                | ~                              | ~             | ~                  | ~             | 2                     | ~     | ~                    | 2          | ~                | V                 | DESCOTON extra                                            |
| ~                                                         | \<br>\   |          |                            |        | ~      |               | ~                | ~                              | ~             | ~                  | ~             | 2                     | ~     | ~                    | ~          | ~                | V                 | ANIOXYDE 1000                                             |
| -                                                         | \<br>\   |          |                            |        | ~      |               | ~                | ~                              | ~             | ~                  | ~             | ~                     | ~     | ~                    | ~          | ~                | V                 | SALVANIOS pH7                                             |
|                                                           |          |          |                            |        |        |               | 2                | 2                              | 2             | 2                  | 2             | 2                     | 2     |                      | 2          | ~                | V                 | SALVANIOS pH10                                            |
|                                                           |          |          |                            | V      |        |               |                  |                                |               |                    |               |                       |       |                      |            |                  |                   | CIDEX PLUS                                                |

Table 2 solution disinfectants for linear probes

| Disinfectants Probes                                                  | CIDEX OPA | Cidex Activated<br>Glutaraldehyde Solution | MetriZyme | Minncare <sup>®</sup> Cold Sterilant | Ster-Bac | TrophonSonex-HL※ | Triacid-N | Revital-Ox <sup>™</sup> Resert High<br>Level Disinfectant | ggigasept <sup>®</sup> PAA<br>concentrate | ANIOXYDE 1000 | DESCOTON extra | gigasept®FF(neu) | SALVANIOS pH7 | SALVANIOS pH10 | Prolystica 2X Concentrate<br>Enzymatic | Liquinox | Cidezyme | Nu-Cidex | Alkazyme | Klnezyme | Steranios |
|-----------------------------------------------------------------------|-----------|--------------------------------------------|-----------|--------------------------------------|----------|------------------|-----------|-----------------------------------------------------------|-------------------------------------------|---------------|----------------|------------------|---------------|----------------|----------------------------------------|----------|----------|----------|----------|----------|-----------|
| L7-3/L7-3s/L7-3E                                                      | V         | V                                          | V         | 1                                    | V        | V                | V         |                                                           | V                                         | 7             | ~              | <b>V</b>         | V             | ~              |                                        |          |          |          |          |          |           |
| L9-3U/L9-3E/L9-3s                                                     | 7         |                                            |           |                                      | V        |                  | 7         |                                                           | 7                                         | 7             | 7              | V                | V             | 7              |                                        |          |          |          |          |          |           |
| L10-3E/L10-3s                                                         |           |                                            | 7         |                                      |          | ~                |           |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| L11-3U                                                                | ~         |                                            |           | 2                                    |          |                  | ~         |                                                           | ~                                         | ۷             | ۷              | ~                | ~             |                |                                        |          |          |          |          |          |           |
| L11-4/L11-4s                                                          | V         |                                            |           |                                      | V        |                  |           |                                                           | V                                         | 7             |                |                  | 7             |                |                                        |          |          |          |          |          |           |
| L12-3/L12-3E                                                          | V         |                                            |           |                                      | V        |                  | V         |                                                           | V                                         | 7             | ~              | ~                | V             | ~              |                                        |          |          |          |          |          |           |
| L12-4/L12-4s                                                          | 2         |                                            |           |                                      | ~        |                  | ~         |                                                           | ~                                         |               | ~              | ~                | ~             | ح              |                                        |          |          |          |          |          |           |
| L14-6/L14-6s/L14-6P                                                   | ~         |                                            |           |                                      | ~        |                  |           |                                                           | ~                                         | ح             |                |                  | ~             |                |                                        |          |          |          |          |          |           |
| L14-6N/L14-6Ns/L14-6NP/L14-6NE                                        | V         |                                            |           |                                      | V        |                  | 7         |                                                           | V                                         | 7             | ~              | 7                | 7             | ~              |                                        |          |          |          |          |          |           |
| L14-6WE/L14-6Ws/L14-6WU                                               | V         |                                            |           |                                      | V        |                  | V         |                                                           | V                                         | 7             | ~              | 7                | 7             | ~              |                                        |          |          |          |          |          |           |
| L14-5W/L14-5WU                                                        |           |                                            |           |                                      |          |                  |           |                                                           |                                           |               |                |                  |               |                | 7                                      | ~        |          |          |          |          |           |
| L16-4HE/L16-4Hs/L16-4HU                                               | 7         | V                                          |           |                                      |          |                  |           |                                                           |                                           |               |                |                  |               | ح              |                                        |          | ۷        | ح        | ~        | ~        | ~         |
| LM14-6E/LM14-6s/LM16-4U                                               | 2         | 7                                          | ~         | ح                                    | 2        | 2                | 2         |                                                           | 2                                         | ۷             | ~              | ~                | ~             | ح              |                                        |          |          |          |          |          |           |
| L20-5U/L20-5/L20-5s                                                   |           | V                                          |           |                                      |          |                  |           |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 6LE7/6LE7s/6LE7P                                                      | 2         | 7                                          | ~         | 2                                    | 2        | ۷                | ۷         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 6LE5V/6LE5Vs/6LE5VP                                                   | ~         | V                                          | ~         | 2                                    | 2        | ۷                | ۷         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 7L4/7L4S/7L4A/7L4P                                                    | 2         | 7                                          | ~         | ح                                    | 2        | 2                | 2         |                                                           | ~                                         | ح             | ~              | ~                | ~             | ح              |                                        |          |          |          |          |          |           |
| 7LT4/7LT4s/7LT4P                                                      | V         | V                                          | V         | ~                                    | V        | V                | V         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 7L5/7L5P/7L5s                                                         | 2         | 7                                          | ~         | ح                                    | 2        | 2                | 2         |                                                           | 2                                         | ۷             | ~              | ~                | ~             | ح              |                                        |          |          |          |          |          |           |
| 7L6/7L6s                                                              | V         | V                                          | V         | 1                                    | V        | V                | V         |                                                           | V                                         | 7             | ~              | 7                | 7             | ~              |                                        |          |          |          |          |          |           |
| 10L4/10L4s                                                            | V         | V                                          |           | 7                                    | V        |                  | 7         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 10L24EA                                                               | 7         |                                            |           |                                      | 2        |                  |           |                                                           | ~                                         | ۷             |                |                  | ~             |                |                                        |          |          |          |          |          |           |
| 50L60EAV                                                              | V         | V                                          | V         | 7                                    | V        | V                | 1         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 65L50HAV                                                              | V         | $\wedge$                                   | γ         | 7                                    | V        | ٧                | ~         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 75L38EA/75L38EB/75L53EA/75L60E                                        | ۷         | ~                                          | ۷         | ح                                    | ۷        | ۷                | ۷         |                                                           | ۷                                         | 2             | ۷              | ~                | ~             | ۷              |                                        |          |          |          |          |          |           |
| A/75L38P                                                              |           | ,                                          |           | -                                    |          |                  | -         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| 75L50EAV/75LT38EA                                                     | 2         | 2                                          | <u></u>   | ٠ ح                                  | 2        | _                | ~         |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |
| %TrophonSonex-HL (Used with Trophon EPR Ultrasound Probe Disinfector) | on EPR    | ≀ Ultrasou                                 | nd Pn     | obe D                                | isinfect | or)              |           |                                                           |                                           |               |                |                  |               |                |                                        |          |          |          |          |          |           |

Table 3 solution disinfectants for other types of probes

| %TrophonSc                                                            | pipialie         | D                              |          | Pencil        |                  |                                           | <b>Endo-cavity</b>       |                |                               |                      |               | Phased       |                      |                              |                                | Probes                                                    |
|-----------------------------------------------------------------------|------------------|--------------------------------|----------|---------------|------------------|-------------------------------------------|--------------------------|----------------|-------------------------------|----------------------|---------------|--------------|----------------------|------------------------------|--------------------------------|-----------------------------------------------------------|
| %TrophonSonex-HL (Used with Trophon EPR Ultrasound Probe Disinfector) | 6LB7/6LB7s/6LB7P | CB10-4/CB10-4P/CB10-4A/CB10-4E | 65EB10EA | CW2s/CW5s/CW5 | 6CV1/6CV1s/6CV1P | V10-4/10-4s/V10-4B/V10-4Bs/V10-4BP/V10-4P | V11-3HU/ V11-3HE/V11-3Hs | V11-3Ws/V11-3E | V11-3/V11-3BE/V11-3B/V11-3WE/ | SP5-1U/SP5-1s/SP5-1E | 2P2/2P2s/2P2P | P12-4/P12-4s | P10-4E/P10-4s/P10-4U | P7-3/P7-3s/P7-3E/P7-3P/P7-3U | P4-2/P4-2s/P4-2E/P4-2NE/P4-2Ns | Disinfectants                                             |
| e Disin                                                               | $\wedge$         | V                              | V        | V             | ~                | ~                                         | ~                        |                | ~                             | V                    | V             | ~            | ~                    |                              | ~                              | CIDEX OPA                                                 |
| nfector)                                                              | V                | V                              | V        | V             | ~                | ~                                         |                          |                | ~                             |                      | V             | ~            | ~                    |                              | ~                              | Cidex Activated Glutaraldehyde<br>Solution                |
|                                                                       | V                | V                              | V        |               |                  |                                           |                          |                | ~                             |                      | V             | ~            | 2                    |                              | 2                              | MetriZyme                                                 |
|                                                                       | 7                | V                              | V        | V             |                  |                                           | ~                        |                | ~                             |                      | V             | ~            | ~                    |                              | ~                              | Minncare® Cold Sterilant                                  |
|                                                                       | V                | V                              | V        | V             | 2                | 2                                         |                          |                | ~                             |                      | V             | 2            | ~                    |                              | 2                              | Ster-Bac                                                  |
|                                                                       | $\wedge$         |                                |          |               | ~                | 2                                         |                          |                | ۷                             |                      | V             | ~            | 2                    |                              | 2                              | TrophonSonex-HL <b>※</b>                                  |
|                                                                       | ~                | V                              | V        | V             | ~                | ~                                         | ~                        |                | ۷                             |                      | V             | ~            | ~                    |                              | ح                              | Triacid-N                                                 |
|                                                                       |                  |                                |          |               | ~                | ~                                         |                          |                |                               |                      |               |              |                      |                              |                                | Revital-Ox <sup>™</sup> Resert High Level<br>Disinfectant |
|                                                                       |                  |                                |          |               | ~                | ~                                         | ~                        |                |                               | V                    | V             |              | ~                    |                              | 2                              | ggigasept <sup>®</sup> PAA concentrate                    |
|                                                                       |                  |                                |          |               | 2                | ۷                                         | ~                        |                |                               |                      | V             |              | ۷                    |                              | 2                              | DESCOTON extra                                            |
|                                                                       |                  |                                |          |               | ~                | ~                                         | ~                        |                | ~                             | V                    | V             |              | ~                    |                              | ~                              | ANIOXYDE 1000                                             |
|                                                                       |                  |                                |          |               | ~                | ~                                         | ~                        |                | ۷                             |                      | V             |              | ~                    |                              | ~                              | gigasept®FF(neu)                                          |
|                                                                       |                  |                                |          |               | 2                | 2                                         | 2                        |                | 2                             | V                    | V             |              | 2                    |                              | 2                              | SALVANIOS pH7                                             |
|                                                                       |                  |                                |          |               |                  |                                           |                          |                |                               |                      | V             |              | ~                    |                              | ~                              | SALVANIOS pH10                                            |

Table 4 solution disinfectants for 4D probes

| %TrophonSonex-HL (Used with Trophon EPR Ultrasound Probe Disinfector) | /DE11-3s/DE11-3E | DE11-3U/DE11-3P | DE10-3E/DE10-3U | DE10-3 | D8-4U | D8-2U | D6-2NE | D6-2/D6-2P/D6-2A/D6-2E | D7-2/D7-2E/D7-2s | 4CD4/4CD4A/4CD4s | Disinfectants                                             |
|-----------------------------------------------------------------------|------------------|-----------------|-----------------|--------|-------|-------|--------|------------------------|------------------|------------------|-----------------------------------------------------------|
| ouno                                                                  |                  | ۷               | ۷               | ۷      | 2     | ح     | 2      | 2                      | 2                | ح                | CIDEX OPA                                                 |
| d Probe Di                                                            |                  |                 |                 | 2      |       |       |        | V                      | V                | 7                | Cidex Activated Glutaraldehyde<br>Solution                |
| sinfe                                                                 |                  |                 |                 |        |       |       |        | V                      | V                |                  | MetriZyme                                                 |
| ctor)                                                                 |                  | ~               |                 | ~      |       |       |        | 7                      | V                |                  | Minncare®Cold Sterilant                                   |
|                                                                       |                  |                 |                 | ۷      |       |       |        | ~                      | ~                |                  | Ster-Bac                                                  |
|                                                                       |                  |                 |                 |        |       |       | 2      | 7                      | ~                |                  | TrophonSonex-HL%                                          |
|                                                                       |                  | ~               |                 | ۷_     |       |       |        | ~                      | ~                |                  | Triacid-N                                                 |
|                                                                       |                  |                 |                 |        |       |       |        |                        |                  |                  | Revital-Ox <sup>™</sup> Resert High Level<br>Disinfectant |
|                                                                       |                  | 2               |                 |        |       |       |        |                        |                  |                  | ggigasept <sup>®</sup> PAA concentrate                    |
|                                                                       |                  | ۷               |                 |        |       |       |        |                        |                  |                  | DESCOTON extra                                            |
|                                                                       |                  | ۷               |                 |        |       |       |        |                        |                  |                  | gigasept <sup>®</sup> FF(neu)                             |
|                                                                       |                  |                 | ۷               |        | ~     | ح     |        |                        |                  |                  | Cidex                                                     |
|                                                                       |                  |                 | ~               |        | ~     |       |        |                        |                  |                  | Cidex Plus                                                |
|                                                                       |                  |                 | ۷               |        | 7     |       |        |                        |                  |                  | Gigasept AF                                               |
|                                                                       |                  |                 |                 |        |       |       | 2      |                        |                  |                  | Osvan                                                     |
|                                                                       |                  |                 |                 |        |       |       | 2      |                        |                  |                  | Neojodin                                                  |
|                                                                       |                  |                 |                 |        |       |       | ~      |                        |                  |                  | Milton                                                    |
|                                                                       |                  |                 |                 |        |       |       | ~      |                        |                  |                  | hibitane                                                  |
|                                                                       |                  |                 |                 |        |       |       | ~      |                        |                  |                  | Sterihyde                                                 |
|                                                                       |                  | 2               |                 |        |       |       |        | V                      | 7                |                  | SALVANIOS pH7                                             |
|                                                                       |                  | ~               |                 |        |       |       |        | V                      | V                |                  | ANIOXYDE 1000                                             |

Table 5 gels and powder disinfectants for 4D probes

|                        |          |       |      | -                |        |
|------------------------|----------|-------|------|------------------|--------|
|                        |          | Gels  |      | Powder           | /der   |
| Disimectants           | cs 100   | jel   |      |                  | ife    |
| Probes                 | Aquasoni | Sonog | Scar | Rely+0<br>PeraSa | PeraSa |
| 4CD4/4CD4A/4CD4s       |          |       |      |                  |        |
| D7-2/D7-2E/D7-2s       |          |       |      |                  |        |
| D6-2/D6-2P/D6-2A/D6-2E |          |       |      |                  |        |
| D6-2NE                 |          |       |      |                  |        |
| D8-2U                  | 7        | V     | V    |                  | ~      |
| D8-4U                  | 7        | V     | V    | V                |        |
| DE10-3                 |          |       |      |                  |        |
| DE10-3E/DE10-3U        | 2        | 7     | 7    | ~                |        |
| DE11-3U/DE11-3P        |          |       |      |                  |        |
| /DE11-3s/DE11-3E       |          |       |      |                  |        |

## Active Ingredients of the Disinfectants:

| C12-18-alkyl ANIOXYDE 1000: 3% Hydrogen D | Sani-Cloth AE3: Olisternary ammonium compounds C19-18-alkyl A                                                                                                      | Matrizumo / Cidorumo / Alborumo / Vlanamo: Protoinasa substilisia |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| peroxide                                  | acetic acid; potassium hydroxide: corrosion inhibitor                                                                                                              | Benzalkonium chloride                                             |
| en peroxide: Revital-Ox™ Resert High Lev  | gigasept®PAA concentrate: peracetic acid (5%); hydrogen peroxide:                                                                                                  | Didecyl dimethyl ammonium chloride,                               |
| biguanide hydrochloride 0.96mg/g          | surfactants; anti-corrosion compounds; fragrance                                                                                                                   | Dioctyl dimethyl ammonium chloride,                               |
| non-ionic Surfa'safe: didecyldimethylamm  | dimethoxytetrahydrofuran; < 5% anionic surfactant; non-ionic S                                                                                                     | PI-SPRAY-II: Octyl decyl dimethyl ammonium chloride,              |
| 0.3g non-ionic detergent                  | gigasept®FF(neu): 0.11g succindialdehyde; 0.3g n                                                                                                                   | 1.4mg/g, polyhexamethylene biguanide hydrochloride 0.96mg/g       |
| Triacid-N: N-Dodecylpropan-1,3-d          | TRANSEPTIC: isopropyl alcohol, chlorhexidine gluconate                                                                                                             | UNIVERSAL WIPES: didecyldimethylammonium chloride                 |
| ammonium chloride; dimethyl benz          | Cidex Activated Glutaraldehyde Solution: glutaraldehyde a                                                                                                          | Ster-Bac/mikrozid®Sensitive Wipes/                                |
| ammonium chloride; dioctyl dir            | polyhexamethylene biguanide hydrochloride 0.96mg/g                                                                                                                 | dioxide                                                           |
| ³rotex™ Disinfectant Spray/Pro            | Tristel Surface Wipes/Tristel Trio Wipes System: chlorine Wip'Anios premium: didecyldimethylammonium chloride 1.4mg/g, Protex <sup>TM</sup> Disinfectant Spray/Pro | ristel Surface Wipes/Tristel Trio Wipes System: chlorine          |

Tristel Rinse Wipes: deionized water MetriZyme/Cidezyme/Alkazyme/Klnezyme: Proteinase substilisin

Oxivir<sup>TM/MC</sup> Tb: 0.5% hydrogen peroxide Cidex OPA: 0.55% Ortho-phthladehyde

Tristel Solo: polyhexamethylbiguanide Tristel Pre-Clean Wipes: enzymatic detergent

Sani-Cloth® Plus: n-Alkyl dimethyl benzyl ammonium chloride n-Alkyl ethylbenzyl ammonium chloride

SONO™ ULTRASOUND WIPES: octyl decyl dimethyl ammonium ammonium chloride; dimethyl benzyl ammonium chloride chloride; dioctyl dimethyl ammonium chloride; didecyl dimethyl

Minncare® Cold Sterilant: 22% Hydrogen Peroxide, Peroxyacetic Acid 4.5%

mikrozid®AF Wipes Jumbo: 25% ethanol; 35% propan-1-ol

quaternary ammonium compounds

benzyl-C12-16-alkyldimethyl-, chlorides CLEANISEPT® WIPES: 0.25g didecyldimethylammoniumchloride

> [(ethylphenyl) Sani-Ciotn AF3: Quaternary ammonium compounds, C12-18-alkyl ANIOXYDE 1000: 3% Hydrogen Peroxide dimethyl, chloridesk,

Benzyl-C12-18-alkyldimethyl ammonium chlorides Propylene glycol, Nonionic Surfactants Proprietary, Fragrance Oil MetriSponge: Water and non-hazardous ingredients Mixture,

Protex Ultra Wipes: Quaternary ammonium compounds Proprietary, Proteinase subtilisin, Octamethylcyclotetrasiloxane

Prolystica 2X Concentrate Enzymatic: Alcohols, C12-14-secondary, benzyl-C12-16-alkyldimethyl, chlorides, Water, Proprietary Ingredients ethoxylated, Subtilisins (proteolytic enzymes), Glycerine di-C8-10-alkyldimethyl, chlorides, Quaternary ammonium compounds,

Liquinox: Sodium sulfonate, Tripotassium Steranios: 2% glutaraldehyde

Nu-Cidex: 0.35%peracetic acid

dimethyl ammonium chloride; didecyl dimethyl nzyl ammonium chloride rotex™ Disinfectant Wipes: octyl decyl dimethyl

diamin; propan-2-ol; isotridecanol, ethoxylated;

monium chloride 1.4mg/g, polyhexamethylene

evel Disinfectant/TrophonSonex-HL: hydrogen

DI Water: water

Bleach 5.25% (10% Solution): Sodium Hypochlorite

Ethanol 75%: Alcohol

Sporox II: Hydrogen Peroxide

**DESCOTON extra**: 12% glutaral

SALVANIOS pH7/SALVANIOS pH10: Guanidinium acetate, ammonium propionate, **IODOCLEAN: sodium thiosulfate and excipients** 

ultrasound probe cleaning wipes: Poly-prenyl acetate, propylene glycol excipients

DI Water: water

Bleach 5.25% (10% Solution): Sodium Hypochlorite

Ethanol 75%: Alcohol

Sporox II: Hydrogen Peroxide

PeraSafe: Disodium carbonate, citric acid, sodium carbonate

Sani Cloth Acive: Didecyldimethyl ammonium chloride 0.450%w/w

Active Ingredients of the 4D Probe's Disinfectants:

CaviCide: isopropanol, ethanol, ethylene glycol monobutyl ether (2-butoxyethanol), CaviWipes 1: isopropanol, ethanol, ethylene glycol monobutyl ether (2-butoxyethanol), CaviWipes: isopropanol, ethylene glycol monobutyl ether (2-butoxyethanol), disobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride, water didecyldimethylammonium chloride, water disobuty/phenoxyethoxyethy/ dimethy/ benzy/ ammonium chloride, water

tridecylpolyethylenglycoether. Gigasept AF: didecyldimethylammonium chloride, glycine, aminoalkyl derivs

Rely+On PeraSafe: disodium carbonate, citric acic

Sterihyde: Glutaraldehyde Cidex Plus: glutaraldehyde Hibitane: hlorhexidine Milton:sodium hypochlorite **Neojodin**: povidone-iodine Osvan: Ammonia benzalkonium Sonogel: carbomer, polyacrylat Cidex: alkaline glutaraldehyde

Minncare® Cold Sterilant: 22% Hydrogen Peroxide, 4.5% Peroxyacetic

NOTE: please select the proper disinfectant for the probe of the Diagnostic Ultrasound System. The content of this document shall prevail in case of other new editions

NOTE: Refer to local regulations for the use of each disinfectant. For use of each disinfectant, please refer to the manufacturer's instructions

Release date: May 17