GlideScope® and GlideRite® Products

Reprocessing Manual

GlideScope
verathon

GlideScope® and GlideRite® Products

Reprocessing Manual

Effective: June 5, 2023

Caution: Federal (United States) law restricts this device to sale by or on the order of a physician.

Contact Information

To obtain additional information regarding your GlideScope system,
please contact Verathon Customer Care or visit verathon.com/service-and-support.

Verathon Inc.
20001 North Creek Parkway
Bothell, WA 98011 U.S.A.
Tel: +1 800 331 2313 (US and Canada only)
Tel: +1 425 867 1348
Fax: +1 425 883 2896
verathon.com

Verathon Medical (Canada) ULC
2227 Douglas Road
Burnaby, BC V5C 5A9
Canada
Tel: +1 604 439 3009
Fax: +1 604 439 3039

EC REP EU **Verathon Medical (Europe) B.V.**
Willem Fenengastraat 13
1096 BL Amsterdam
The Netherlands
Tel: +31 (0) 20 210 30 91
Fax : +31 (0) 20 210 30 92

Verathon Medical (Australia) Pty Limited
Unit 9, 39 Herbert Street
St Leonards NSW 2065
Australia
Within Australia: 1800 613 603 Tel / 1800 657 970 Fax
International: +61 2 9431 2000 Tel /
+61 2 9475 1201 Fax

CH REP **MDSS CH GmbH**
Laurenzenvorstadt 61
5000 Aarau
Switzerland

CH **Anandic Medical Systems AG**
Stadtweg 24
8245 Feuerthalen
Switzerland

Quick Start

AVL Video Batons

Video Baton 2.0

Video Baton QC

Titanium Reusable Video Laryngoscopes

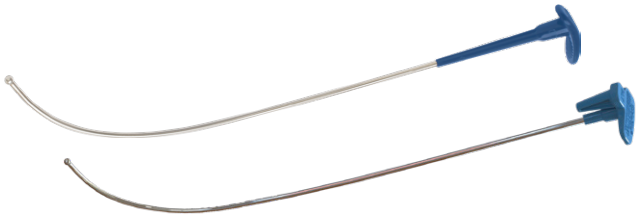
GlideScope Core Monitor, Workstation, and Power Adapter

GlideScope Go 2 Monitor and Charging Cradle

GlideScope Go Monitor and Charging Cradle

GlideScope Video Monitor, Premium Cart, Mobile Stand, and Power Adapter

GlideRite Reusable Stylets



QuickConnect Cables

Video Cables and Smart Cables

Note: The links in the Quick Start section lead to individual procedures. For links to chapters and sections of the manual, refer to the Table of Contents.

Table of Contents

Important Information

Introductory Information

Cleaning and disinfection is an important part of using and maintaining reusable components. Before each use, ensure that all such components have been cleaned, disinfected, or sterilized according to the guidance provided in this manual. You should also examine the GlideScope system periodically to make sure it is operating correctly. For more information, see the appropriate Operations & Maintenance Manual.

For definitions and additional information about cleaning, disinfection, and sterilization standards, refer to the Disinfection and Sterilization page of the United States Centers for Disease Control and Prevention (http://www.cdc.gov/infectioncontrol/guidelines/disinfection/index.html).

The availability and regulatory compliance of the cleaning, disinfection, and sterilization products provided in this manual vary by region. Be sure to select products in accordance with your local laws and regulations.

Note: Use only the processes described in this manual to clean, disinfect, or sterilize Verathon products. Other methods may not be effective on those products or compatible with the materials in them.

Notice to All Users of This Manual

Verathon recommends that all users of the products in this manual do the following:

- Read the associated Operation & Maintenance Manual before using any equipment.
- Obtain instruction from a qualified individual.

Warnings & Cautions

Warnings indicate that injury, death, or other serious adverse reactions may result from use or misuse of the device. *Cautions* indicate that use or misuse of the device may cause a problem, such as a malfunction, failure, or damage to the product.

Warnings: Cleaning, Disinfection, & Sterilization

WARNING

Before every use, make sure that the device operates correctly and has no sign of damage. Do not use this product if the device appears to be damaged. Refer servicing to qualified personnel.

Always ensure that alternative airway management methods and equipment are readily available.

Report any suspected defects to Verathon Customer Care. For contact information, visit verathon.com/service-and-support.

WARNING

Do not reuse, reprocess, or resterilize single-use components. Reuse, reprocessing, or resterilization can contaminate the component or the GlideScope system.

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

Warnings: Product Safety

WARNING

To reduce the risk of electrical shock, before cleaning the monitor or workstation, turn off the monitor and disconnect the power supply. Unplug the power supply from its AC power source.

WARNING

Electric shock hazard. Do not immerse the power adapter in water. Instead, use a cloth dampened with isopropyl alcohol to clean the outside of the adapter.

Cautions

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

CAUTION

Do not allow GlideScope system components to come into contact with liquids, other than those recommended in this manual. Exposure to liquids can damage the electronics or other internal parts of some components.

CAUTION

For recommendations on the handling and disposal of a reprocessing agent, refer to the manufacturer's instructions for the reprocessing agent.

CAUTION

The reusable components of GlideScope systems are not shipped in sterile condition. Clean them, and disinfect or sterilize them if appropriate, before their first use. Failure to do so increases the risk of infection.

CAUTION

Do not use abrasive brushes, pads, or tools when cleaning cameras or screens. These items can scratch transparent plastic parts and permanently damage the device.

CAUTION

Do not use an ultrasonic device or automated washing equipment to clean a Verathon product, except when using Verathon-approved systems to clean products compatible with those systems. Using ultrasonic or automated washing equipment to clean any other Verathon product, or using automated cleaning systems not listed as compatible, could damage the product.

CAUTION

Do not expose any GlideScope system component to temperatures above 60°C (140°F), and do not use autoclaves or other heat sterilization systems, except as described in this manual. Exposure to excess heat causes permanent device damage and voids the warranty.

Introduction

This manual provides reprocessing (cleaning, disinfection, and sterilization) requirements and procedures for GlideScope and GlideRite products. It is updated as needed to reflect new and changed reprocessing information. For use and maintenance instructions for GlideScope and GlideRite systems and devices, refer to the appropriate Operations & Maintenance Manual.

The current versions of all Verathon product manuals are available online at verathon.com/service-and-support.

Cleaning, Disinfection, & Sterilization

The reprocessing information in this manual is arranged by product line.

Note: This manual does not include single-use components. The cables used to connect such components to the listed video monitors are all covered in the sections QuickConnect Cables on page 120 and Video Cables and Smart Cables on page 138.

The section for each product provides the following information for the components of that product:

- Reprocessing requirements
- Material compatibility
- Specific cleaning, disinfection, and sterilization instructions (for products tested for efficacy)

AVL Video Batons

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 1. Reprocessing Requirements for AVL Video Batons

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Video baton	✓			

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following components:

AVL Video Baton 1-2

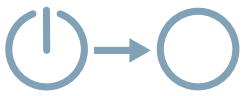
AVL Video Baton 3-4

Procedure 1. Preparing AVL Video Batons for Cleaning

IMPORTANT

The Stat is a sterile, single-use device. After use, it is a biohazard, and it should be removed from the video baton and disposed of in a manner consistent with local protocols.

1



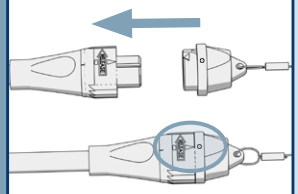
Make sure **the monitor has been turned off.**

2

Disconnect the video cable.

Turn the connector ring in the direction of the release arrow, and then pull.

3



Place the protective cap over the connector on the video cable.

The arrow on the connector plug should line up with the dot on the cap.

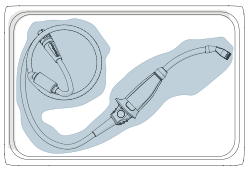
4

Remove the Stat.

While holding the Stat in one hand, press its collar with your thumb and forefinger.

With the other hand, grasp the handle of the video baton and pull firmly.

Dispose of the Stat according to your local protocols.

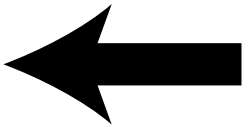
5		**Apply a pre-cleaner.** (Optional) Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult. For information on compatible pre-cleaners, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.
6		**Clean the component**. Continue to Cleaning the AVL Video Baton on page 10.

Procedure 2. Cleaning the AVL Video Baton

When used as intended, the video baton is a nonsterile, reusable device, which is protected from contact with mucous membranes and non-intact skin by the sterile, single-use Stat.

Cleaning the AVL Video Baton (Using a Liquid)

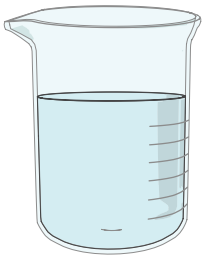
!



You must prepare the component before you clean it.

For instructions, see Preparing AVL Video Batons for Cleaning on page 8.

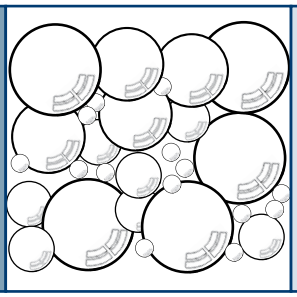
1



Prepare the cleaning solution.

For concentration, temperature, and other preparation instructions, see Table 2 on page 12.

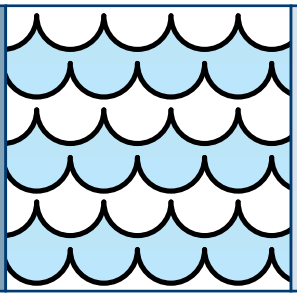
2



Wash the component in the cleaning solution.

For exposure time, temperature, and other washing instructions, see Table 2 on page 12. (This information varies depending on which cleaning solution you use.)

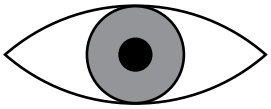
3



Rinse the component to remove the cleaning solution.

For rinse time, temperature, and other rinsing instructions, see Table 2 on page 12. (This information varies depending on which cleaning solution you use.)

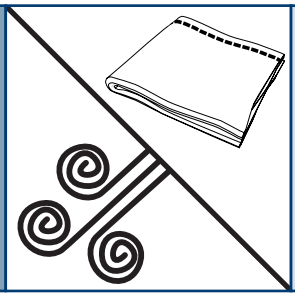
4



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 2.

5

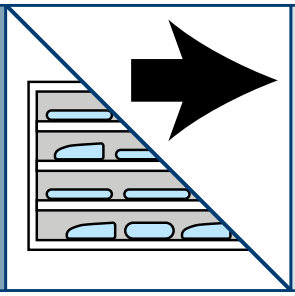


Dry the component.

Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following:

- Hospital-grade clean air
- A clean, lint-free cloth

6



Disinfect the component (optional).

To disinfect, continue to Disinfecting the AVL Video Baton (Optional) on page 15.

Otherwise, store the component in a clean environment.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Liquids)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

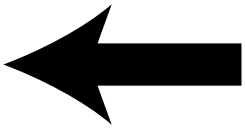
Table 2. Cleaning Solutions for AVL Video Batons

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
STERIS Prolystica 2x Concentrate Enzymatic Presoak and Cleaner	Cleaning	2000	**Exposure:** Prepare the cleaning solution at a temperature of 35˚C±5˚C and a concentration of 1–4 mL per L (⅛–½ U.S. fluid ounces per U.S. gallon). Soak the component for at least 3 minutes. Before removing the component from the solution, brush all surfaces using a soft-bristled brush, paying special attention to hard-to-reach areas. Use a cotton swab for the camera window to avoid damaging the window. **Rinse** the component for 3 minutes under warm running water. If the component soaks for longer than 3 minutes, increase the rinse time in proportion to the soak time. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Cleaning the AVL Video Baton (Using Wipes)

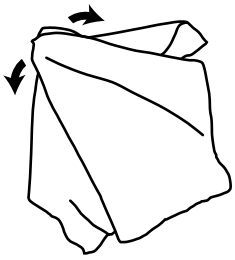
!



You must prepare the component before you clean it.

For instructions, see Preparing AVL Video Batons for Cleaning on page 8.

1

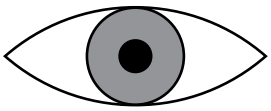


Wipe down the component.

Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.

For specific instructions, see Table 3 on page 14. (This information varies depending on which wipes you use.)

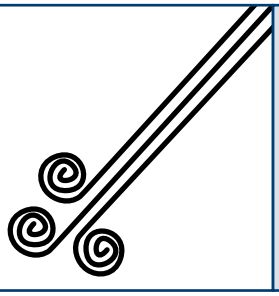
2



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 1.

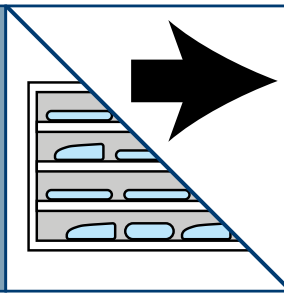
3



Dry the component.

Allow it to air dry thoroughly.

4



Disinfect the component (optional).

To disinfect, continue to Disinfecting the AVL Video Baton (Optional) on page 15.

Otherwise, store the component in a clean environment.

Reference Information (Wipes)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 3. Cleaning Wipes for AVL Video Batons

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Sani-Cloth AF3 Germicidal Wipes	Cleaning	2000	Clean the component according to the chemical manufacturer's instructions. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Disinfecting the AVL Video Baton (Optional)

WARNING

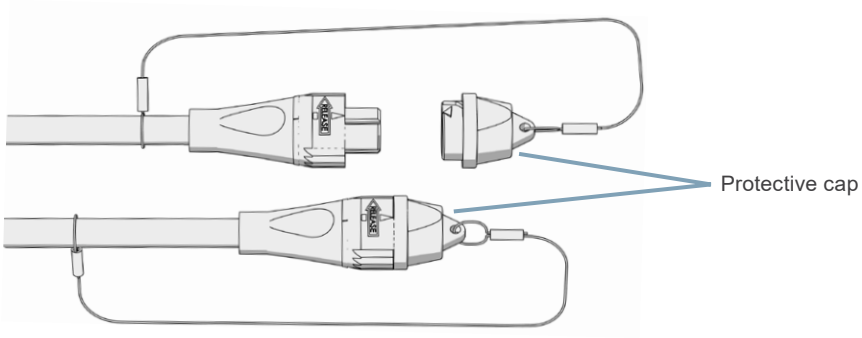
Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

Please read the Warnings & Cautions section before performing the following task.

Before You Begin

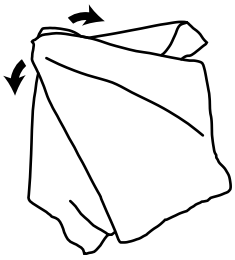
Before disinfecting the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the previous section, Cleaning the AVL Video Baton.
- Make sure the protective cap on the connector is secure. The arrow on the connector should line up with the dot on the protective cap.



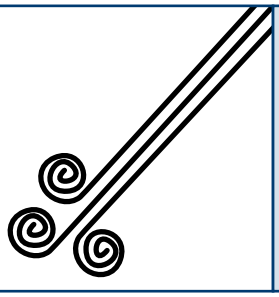
Disinfecting the AVL Video Baton (Using Wipes)

1



Wipe down the component.
Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.
For specific instructions, see Table 4 on page 17. (This information varies depending on which wipes you use.)

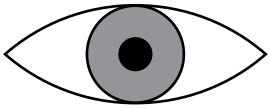
2



Dry the component.

Allow it to air dry thoroughly.

3

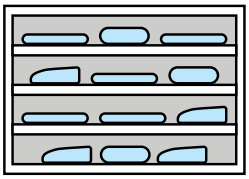


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

4



Store the component in a clean environment.

WARNING

Before every use, make sure that the device operates correctly and has no sign of damage. Do not use this product if the device appears to be damaged. Refer servicing to qualified personnel.

Always ensure that alternative airway management methods and equipment are readily available.

Report any suspected defects to Verathon Customer Care. For contact information, visit verathon.com/service-and-support.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 4. Disinfection Wipes for AVL Video Batons

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Sani-Cloth AF3 Germicidal Wipes	Low	2000	**Exposure:** Using fresh wipes, wet all surfaces of the component and allow it to remain wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Video Baton 2.0

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 5. Reprocessing Requirements for the Video Baton 2.0

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Video baton	✓			

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following component:

Video Baton 2.0 Large
(3-4)

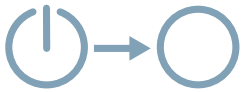
Notes

Procedure 1. Preparing the Video Baton 2.0 for Cleaning

IMPORTANT

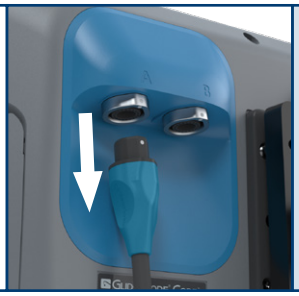
The Stat is a sterile, single-use device. After use, it is a biohazard, and it should be removed from the video baton and disposed of in a manner consistent with local protocols.

1



Make sure **the monitor has been turned off.**

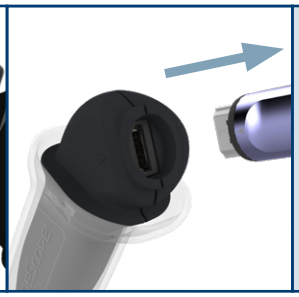
2



Disconnect the video cable, if any.

- GlideScope Video Monitor—Turn the connector ring in the direction of the release arrow, and then pull.
- Core monitor—Hold the connector in one hand, support the monitor with the other, and pull.

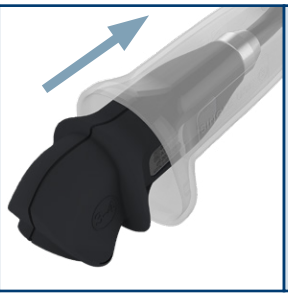
3



Disconnect the video baton.

Grasp the baton and Stat in one hand and the attached HDMI connector in the other. Pull firmly to separate the two devices.

4

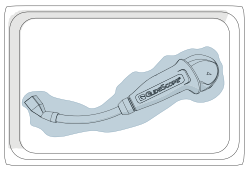
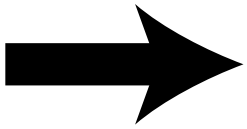


Remove the Stat.

While holding the Stat in one hand, press its collar with your thumb and forefinger.

With the other hand, grasp the handle of the video baton and pull firmly.

Dispose of the Stat according to your local protocols.

5		**Apply a pre-cleaner.** (Optional) Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult. For information on compatible pre-cleaners, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.
6		**Clean the component**. Continue to Cleaning the Video Baton 2.0 on page 22.

Procedure 2. Cleaning the Video Baton 2.0

WARNING

Before every use, make sure that the device operates correctly and has no sign of damage. Do not use this product if the device appears to be damaged. Refer servicing to qualified personnel.

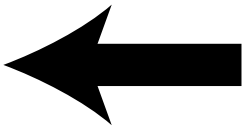
Always ensure that alternative airway management methods and equipment are readily available.

Report any suspected defects to Verathon Customer Care. For contact information, visit verathon.com/service-and-support.

When used as intended, the video baton is a nonsterile, reusable device, which is protected from contact with mucous membranes and non-intact skin by the sterile, single-use Stat.

Cleaning the Video Baton 2.0 (Using a Liquid)

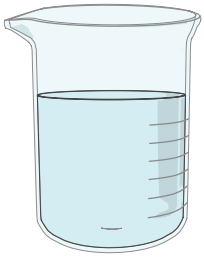
!



You must prepare the component before you clean it.

For instructions, see Preparing the Video Baton 2.0 for Cleaning on page 20.

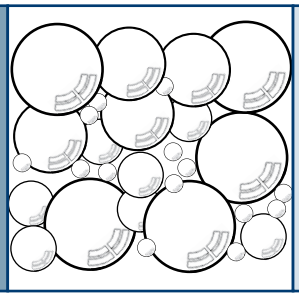
1



Prepare the cleaning solution.

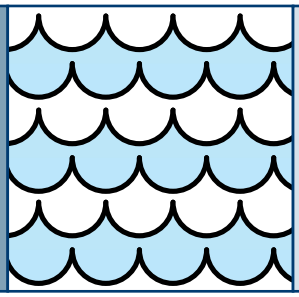
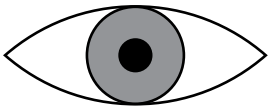
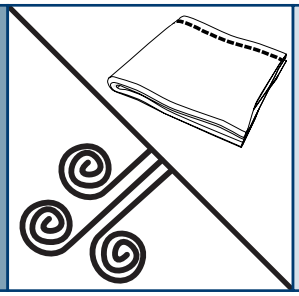
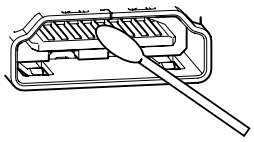
For concentration, temperature, and other preparation instructions, see Table 6 on page 25.

2

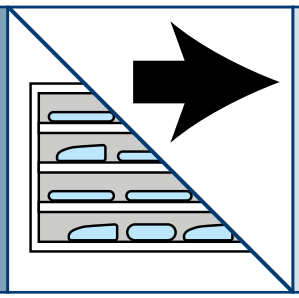


Wash the component in the cleaning solution.

For exposure time, temperature, and other washing instructions, see Table 6 on page 25. (This information varies depending on which cleaning solution you use.)

3		**Rinse the component** to remove the cleaning solution. For rinse time, temperature, and other rinsing instructions, see Table 6 on page 25. (This information varies depending on which cleaning solution you use.)
4		**Examine the component** to make sure all visible contamination has been removed. If any visible contamination remains, return to Step 2.
5		**Dry the component**. Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following: • Hospital-grade clean air • A clean, lint-free cloth
6		**Clean the HDMI connector.** Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.

7



Disinfect the component (optional).

To disinfect, continue to Disinfecting the Video Baton 2.0 (Optional) on page 28.

Otherwise, store the component in a clean environment.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Liquids)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

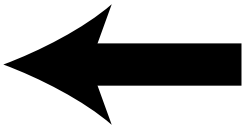
Table 6. Cleaning Solutions for the Video Baton 2.0

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
STERIS Prolystica 2x Concentrate Enzymatic Presoak and Cleaner	Cleaning	2000	**Exposure:** Prepare the cleaning solution at a temperature of 35˚C±5˚C and a concentration of 1–4 mL per L (⅛–½ U.S. fluid ounces per U.S. gallon). Soak the component for at least 3 minutes. Before removing the component from the solution, brush all surfaces using a soft-bristled brush, paying special attention to hard-to-reach areas. Use a cotton swab for the camera window to avoid damaging the window. **Rinse** the component for 3 minutes under warm running water. If the component soaks for longer than 3 minutes, increase the rinse time in proportion to the soak time. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Cleaning the Video Baton 2.0 (Using Wipes)

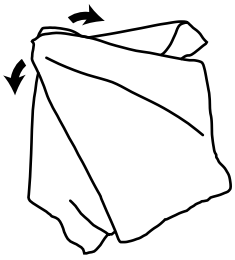
!



You must prepare the component before you clean it.

For instructions, see Preparing the Video Baton 2.0 for Cleaning on page 20.

1

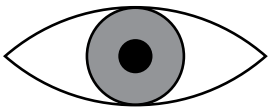


Wipe down the component.

Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.

For specific instructions, see Table 7 on page 27. (This information varies depending on which wipes you use.)

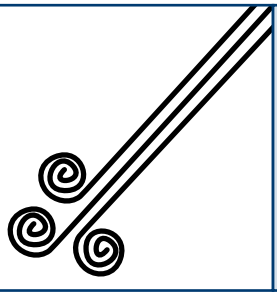
2



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 1.

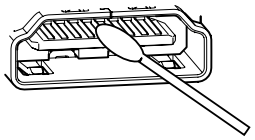
3



Dry the component.

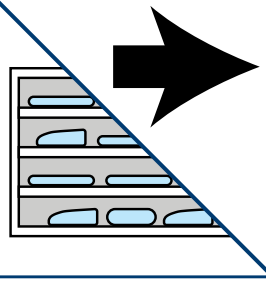
Allow it to air dry thoroughly.

4



Clean the HDMI connector.
Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.

5



Disinfect the component (optional).

To disinfect, continue to Disinfecting the Video Baton 2.0 (Optional) on page 28.

Otherwise, store the component in a clean environment.

Reference Information (Wipes)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 7. Cleaning Wipes for the Video Baton 2.0

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Sani-Cloth AF3 Germicidal Wipes	Cleaning	2000	Clean the component according to the chemical manufacturer's instructions. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Disinfecting the Video Baton 2.0 (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

Please read the Warnings & Cautions section before performing the following task.

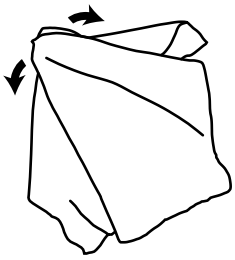
Before You Begin

Before disinfecting the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the previous section, Cleaning the Video Baton 2.0.
- Do **not** attempt to place protective caps over the connectors on the Video Baton 2.0. This component is designed to be immersed completely without the use of any protective caps, and Verathon does not provide caps for them.

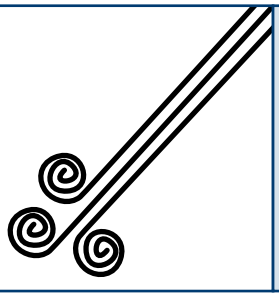
Disinfecting the Video Baton 2.0 (Using Wipes)

1

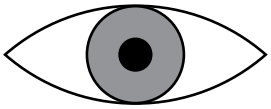
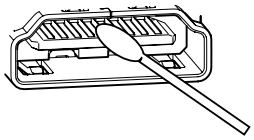
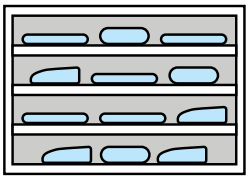


Wipe down the component.
Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.
For specific instructions, see Table 8 on page 30. (This information varies depending on which wipes you use.)

2



Dry the component.
Allow it to air dry thoroughly.

3		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.
4		**Clean the HDMI connector.** Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
5		**Store the component** in a clean environment.

WARNING

Before every use, make sure that the device operates correctly and has no sign of damage. Do not use this product if the device appears to be damaged. Refer servicing to qualified personnel.

Always ensure that alternative airway management methods and equipment are readily available.

Report any suspected defects to Verathon Customer Care. For contact information, visit verathon.com/service-and-support.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 8. Disinfection Wipes for the Video Baton 2.0

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Sani-Cloth AF3 Germicidal Wipes	Low	2000	**Exposure:** Using fresh wipes, wet all surfaces of the component and allow it to remain wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

Video Baton QC

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 9. Reprocessing Requirements for the Video Baton QC

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Video baton QC Large	✓			

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following component:

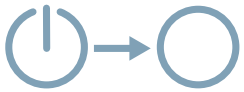
Video Baton QC Large

Procedure 1. Preparing The Video Baton QC for Cleaning

IMPORTANT

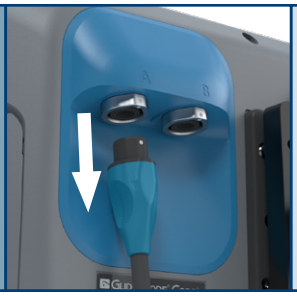
The Stat is a sterile, single-use device. After use, it is a biohazard, and it should be removed from the video baton and disposed of in a manner consistent with local protocols.

1



Make sure **the monitor has been turned off.**

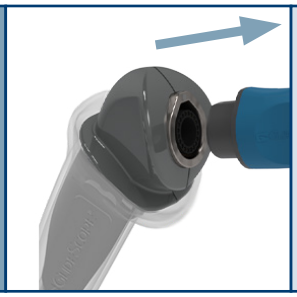
2



Disconnect the video cable, if any.

Hold the connector in one hand, support the monitor with the other, and pull.

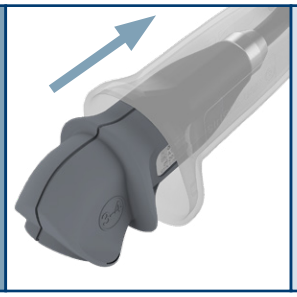
3



Disconnect the video baton.

Grasp the baton and Stat in one hand and the attached QuickConnect cable connector in the other. Pull firmly to separate the two devices.

4

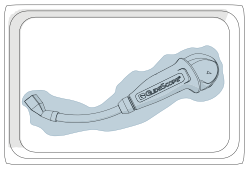
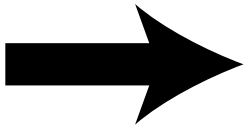


Remove the Stat.

While holding the Stat in one hand, press its collar with your thumb and forefinger.

With the other hand, grasp the handle of the video baton and pull firmly.

Dispose of the Stat according to your local protocols.

5		**Apply a pre-cleaner.** (Optional) Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult. For information on compatible pre-cleaners, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.
6		**Clean the component**. Continue to Cleaning the Video Baton QC on page 34.

Procedure 2. Cleaning the Video Baton QC

WARNING

Before every use, make sure that the device operates correctly and has no sign of damage. Do not use this product if the device appears to be damaged. Refer servicing to qualified personnel.

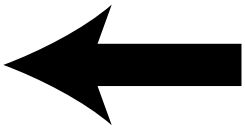
Always ensure that alternative airway management methods and equipment are readily available.

Report any suspected defects to Verathon Customer Care. For contact information, visit verathon.com/service-and-support.

When used as intended, the video baton is a nonsterile, reusable device, which is protected from contact with mucous membranes and non-intact skin by the sterile, single-use Stat.

Cleaning the Video Baton QC (Using a Liquid)

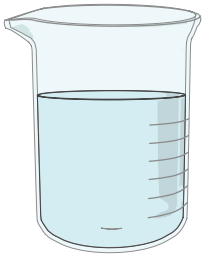
!



You must prepare the component before you clean it.

For instructions, see Preparing The Video Baton QC for Cleaning on page 32.

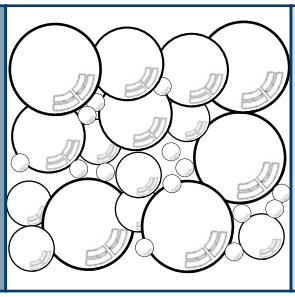
1



Prepare the cleaning solution.

For concentration, temperature, and other preparation instructions, see Table 10 on page 36.

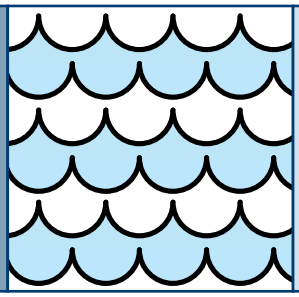
2



Wash the component in the cleaning solution.

For exposure time, temperature, and other washing instructions, see Table 10 on page 36. (This information varies depending on which cleaning solution you use.)

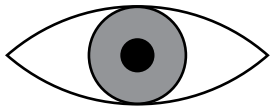
3



Rinse the component to remove the cleaning solution.

For rinse time, temperature, and other rinsing instructions, see Table 10 on page 36. (This information varies depending on which cleaning solution you use.)

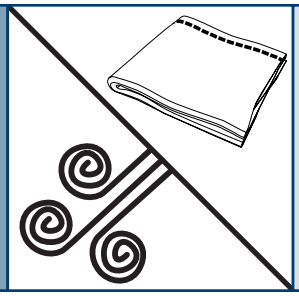
4



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 2.

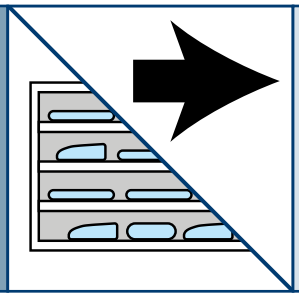
5



Dry the component.
Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following:

- Hospital-grade clean air
- A clean, lint-free cloth

6



Disinfect the component (optional).

To disinfect, continue to Disinfecting the Video Baton QC (Optional) on page 39.

Otherwise, store the component in a clean environment.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Liquids)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

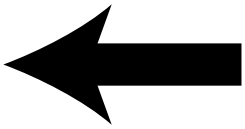
Table 10. Cleaning Solutions for the Video Baton QC

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
STERIS Prolystica 2x Concentrate Enzymatic Presoak and Cleaner	Cleaning	2000	**Exposure:** Prepare the cleaning solution at a temperature of 35˚C±5˚C and a concentration of 1–4 mL per L (⅛–½ U.S. fluid ounces per U.S. gallon). Soak the component for at least 3 minutes. Before removing the component from the solution, brush all surfaces using a soft-bristled brush, paying special attention to hard-to-reach areas. Use a cotton swab for the camera window to avoid damaging the window. **Rinse** the component for 3 minutes under warm running water. If the component soaks for longer than 3 minutes, increase the rinse time in proportion to the soak time. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Cleaning the Video Baton QC (Using Wipes)

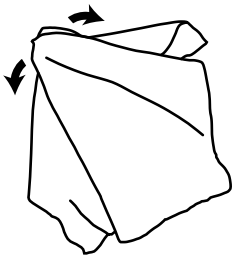
!



You must prepare the component before you clean it.

For instructions, see Preparing The Video Baton QC for Cleaning on page 32.

1

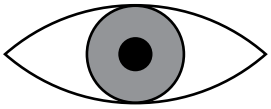


Wipe down the component.

Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.

For specific instructions, see Table 11 on page 38. (This information varies depending on which wipes you use.)

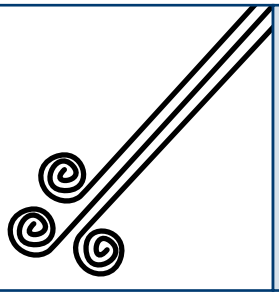
2



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 1.

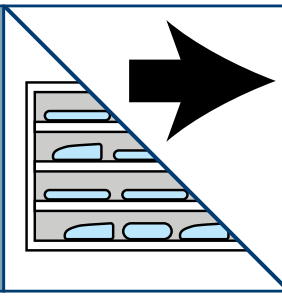
3



Dry the component.

Allow it to air dry thoroughly.

4



Disinfect the component (optional).

To disinfect, continue to Disinfecting the Video Baton QC (Optional) on page 39.

Otherwise, store the component in a clean environment.

Reference Information (Wipes)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 11. Cleaning Wipes for the Video Baton QC

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Sani-Cloth AF3 Germicidal Wipes	Cleaning	2000	Clean the component according to the chemical manufacturer's instructions. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Disinfecting the Video Baton QC (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

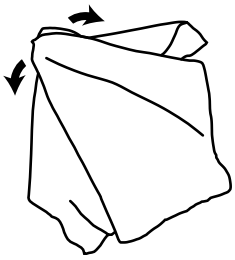
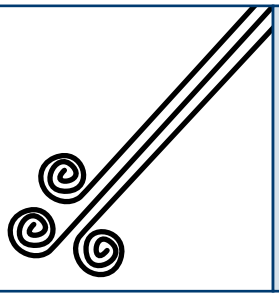
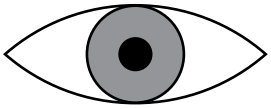
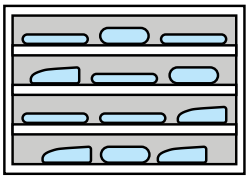
Please read the Warnings & Cautions section before performing the following task.

Before You Begin

Before disinfecting the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the previous section, Cleaning the Video Baton QC.
- Do **not** attempt to place protective caps over the connectors on the Video Baton QC. This component is designed to be immersed completely without the use of any protective caps, and Verathon does not provide caps for them.

Disinfecting the Video Baton QC (Using Wipes)

1		**Wipe down the component**. Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need. For specific instructions, see Table 12 on page 41. (This information varies depending on which wipes you use.)
2		**Dry the component**. Allow it to air dry thoroughly.
3		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.
4		**Store the component** in a clean environment.

WARNING

Before every use, make sure that the device operates correctly and has no sign of damage. Do not use this product if the device appears to be damaged. Refer servicing to qualified personnel.

Always ensure that alternative airway management methods and equipment are readily available.

Report any suspected defects to Verathon Customer Care. For contact information, visit verathon.com/service-and-support.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 12. Disinfection Wipes for the Video Baton QC

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Sani-Cloth AF3 Germicidal Wipes	Low	2000	**Exposure:** Using fresh wipes, wet all surfaces of the component and allow it to remain wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

Titanium Reusable Video Laryngoscopes

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 13. Reprocessing Requirements for Titanium Reusable Video Laryngoscopes

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Video Laryngoscope			✓	

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

CAUTION

The reusable components of GlideScope systems are not shipped in sterile condition. Clean them, and disinfect or sterilize them if appropriate, before their first use. Failure to do so increases the risk of infection.

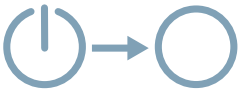
Items Covered in This Section

This section of the manual contains reprocessing instructions for the following components:

 LoPro T2	 LoPro T3	 LoPro T4
 MAC T3	 MAC T4	

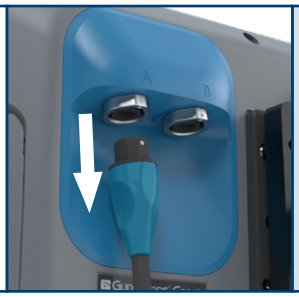
Procedure 1. Preparing a Titanium Reusable Video Laryngoscope for Cleaning

1



Make sure **the monitor has been turned off.**

2



Disconnect the video cable.

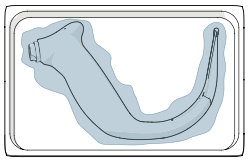
- GlideScope Video Monitor—Turn the connector ring in the direction of the release arrow, and then pull.
- Core monitor—Hold the connector in one hand, support the monitor with the other, and pull.

3

Disconnect the video laryngoscope.

Turn the connector ring in the direction of the release arrow, and then pull.

4

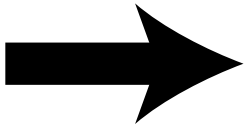


Apply a pre-cleaner. (Optional)

Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

For information on compatible pre-cleaners, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

5



Clean the component.

Continue to Cleaning the Titanium Reusable Video Laryngoscope on page 46.

Notes

Procedure 2. Cleaning the Titanium Reusable Video Laryngoscope

Please read the Warnings & Cautions section before performing the following task.

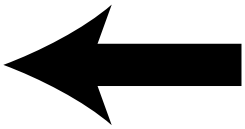
Note: Throughout this procedure, handle the component carefully to avoid recontamination.

Cleaning the Titanium Reusable Video Laryngoscope (Using a Liquid)

IMPORTANT

To reduce the risk of cytotoxic residue on a component after cleaning it with Metrex CaviCide, rinse the component thoroughly as described in this manual.

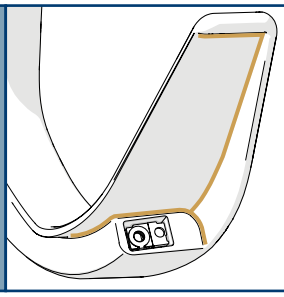
!



You must prepare the component before you clean it.

For instructions, see Preparing a Titanium Reusable Video Laryngoscope for Cleaning on page 44.

1

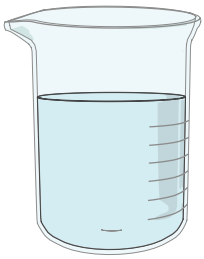


Rinse the component in clean tap water.

Use a cotton swab to remove any visible contamination from corners near the tip and the camera window, as shown in the figure at left. Scrub the rest of the component with a soft-bristled brush.

Use a long, soft-bristled brush or cotton swab to remove contamination from the connectors.

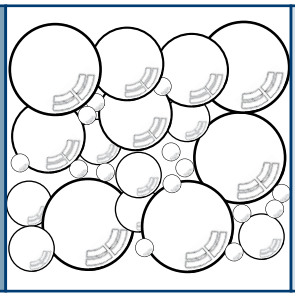
2



Prepare the cleaning solution.

For concentration, temperature, and other preparation instructions, see Table 14 on page 49.

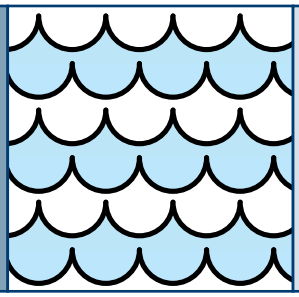
3



Wash the component in the cleaning solution. Scrub the corners near the tip and camera window as you did in Step 1.

For exposure time, temperature, and other washing instructions, see Table 14 on page 49. (This information varies depending on which cleaning solution you use.)

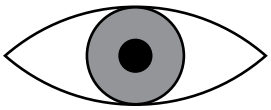
4



Rinse the component to remove the cleaning solution.

For rinse time, temperature, and other rinsing instructions, see Table 14 on page 49. (This information varies depending on which cleaning solution you use.)

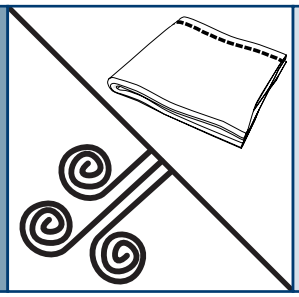
5



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 3.

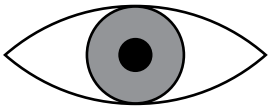
6



Dry the component.
Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following:

- Hospital-grade clean air
- A clean, lint-free cloth

7

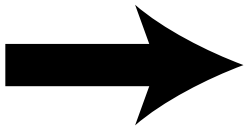


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

8



Disinfect or sterilize the component.

To disinfect, continue to Disinfecting the Titanium Reusable Video Laryngoscope on page 55.

Sterilization is optional. To sterilize, continue to Sterilizing the Titanium Reusable Video Laryngoscope (Optional) on page 64.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Liquids)

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when cleaning the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 14. Cleaning Solutions for Titanium Reusable Video Laryngoscopes

PRODUCT	LEVEL	CYCLES*	CONDITIONS
Getinge Tec Wash III	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a temperature of 20–40°C (68–104°F) and a concentration of 2–8 mL per L (0.25–1 U.S. fluid ounce per U.S. gallon). Soak the component for 3 minutes. Brush all surfaces of the component. **Rinse** the component for 3 minutes under running water. **Return to the previous procedure** and complete the remaining steps there.
STERIS eSSENTIALS Concentrates Enzymatic Presoak and Cleaner	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a temperature of 30–40˚C (86–104°F) and a concentration of 1–8 mL per L (0.125–1 U.S. fluid ounce per U.S. gallon). Soak the component for 5 minutes. Before removing the component from the solution, brush all of its surfaces. When brushing the component, pay special attention to hard-to-reach areas. Use a syringe to flush the connector. **Rinse** the component for 3 minutes under running water. Use a syringe to flush the connector. **Return to the previous procedure** and complete the remaining steps there.
STERIS Prolystica 2X Concentrate Enzymatic Presoak and Cleaner†	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a temperature of 35˚C±5˚C and a concentration of 1–4 mL per L (0.125–0.5 U.S. fluid ounce per U.S. gallon). Soak the component for at least 3 minutes. Before removing the component from the solution, use a cotton swab to clean the camera window, and then brush all surfaces using a soft-bristled brush. When brushing the component, pay special attention to hard-to-reach areas. **Rinse** the component for 3 minutes under warm running water. If the component is soaked for longer than 3 minutes, increase the rinse time in proportion to the soak time. **Return to the previous procedure** and complete the remaining steps there.

Table 14. Cleaning Solutions for Titanium Reusable Video Laryngoscopes

PRODUCT	LEVEL	CYCLES*	CONDITIONS
Metrex CaviCide	Cleaning	3000	**Exposure:** Using the cleaning solution at a temperature of 33–40°C (91–104°F) and at full strength, spray all surfaces of the component until they are drenched. Allow the component to remain wet for 3 minutes. Brush all surfaces of the component. **Rinse** the component for 5 minutes under running water. While rinsing, use a soft-bristled brush and a syringe to flush and brush any hard-to-reach areas. **Return to the previous procedure** and complete the remaining steps there.
Metrex EmPower	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a temperature of 19–29°C (66–84°F) and a concentration of 7.8 mL per L (1 U.S. fluid ounce per U.S. gallon). Soak the component for 3 minutes. Before removing the component from the solution, brush all surfaces and pay special attention to hard-to-reach areas. **Rinse** the component for 3 minutes under running water. **Return to the previous procedure** and complete the remaining steps there.
Ecolab Enzymatic Detergent	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a temperature of 35˚C±5˚C and a concentration of 3.9–15.6 mL per L (0.5–2 U.S. fluid ounces per U.S. gallon). Soak the component for 1–5 minutes, brushing all of its surfaces except the camera window with a soft-bristled brush to remove any remaining contamination. Clean the camera window using a cotton swab to avoid scratches. **Rinse** the component for 3 minutes under running water, brushing all of its surfaces except the camera window with a soft-bristled brush. Wipe the camera window with a cotton swab to avoid scratches. **Return to the previous procedure** and complete the remaining steps there.

Table 14. Cleaning Solutions for Titanium Reusable Video Laryngoscopes

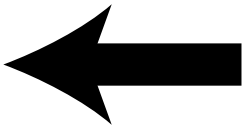
PRODUCT	LEVEL	CYCLES*	CONDITIONS
Ecolab OptiPro Multi-Enzymatic Low-Foam Detergent	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a concentration of 3.9–15.6 mL per L (0.5–2 U.S. fluid ounces per U.S. gallon). Soak the component for 2–5 minutes. After soaking the component, brush all of its surfaces except the camera window with a soft-bristled brush to remove any visible contamination. Clean the camera window with a cotton swab. **Rinse** the component for 3 minutes under cold running water, brushing all of its surfaces except the camera window with a soft-bristled brush. Use a cotton swab to wipe the camera window. **Return to the previous procedure** and complete the remaining steps there.
Pro-Line Solutions EcoZyme	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a temperature of 30–40°C (86–104°F) and a concentration of 7.8 mL per L (1 U.S. fluid ounce per U.S. gallon). Soak the component for 5 minutes. Before removing the component from the solution, brush all of its surfaces and pay special attention to hard-to-reach areas. Use a syringe to flush the connector. **Rinse** the component for 5 minutes under running water at 19–29°C (66–84°F). Use a syringe to flush the connector. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

† *After using STERIS Prolystica 2X Concentrate to clean a component that comes into direct contact with the patient, you must disinfect or sterilize the component as described in this manual. The disinfection or sterilization step neutralizes any remaining enzymes and prevents cytotoxicity.*

Cleaning the Titanium Reusable Video Laryngoscope (Using Wipes)

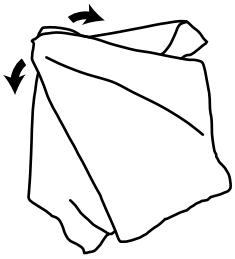
!



You must prepare the component before you clean it.

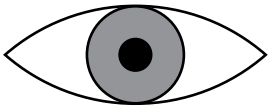
For instructions, see Preparing a Titanium Reusable Video Laryngoscope for Cleaning on page 44.

1



Wipe down the component.
Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.
For specific instructions, see Table 15 on page 54. (This information varies depending on which wipes you use.)

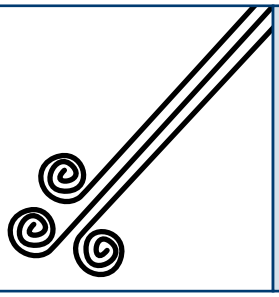
2



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 1.

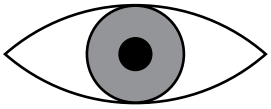
3



Dry the component.

Allow it to air dry thoroughly.

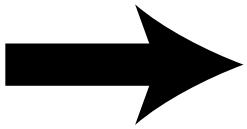
4



Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

5		**Disinfect or sterilize the component**. To disinfect, continue to Disinfecting the Titanium Reusable Video Laryngoscope on page 55. Sterilization is optional. To sterilize, continue to Sterilizing the Titanium Reusable Video Laryngoscope (Optional) on page 64.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Wipes)

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when cleaning the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 15. Cleaning Wipes for Titanium Reusable Video Laryngoscopes

PRODUCT	LEVEL	CYCLES*	CONDITIONS
Tristel Trio Wipes System	Cleaning	3000	**Exposure:** Use 2 or more pre-cleaning towelettes to remove all visible contamination from the component. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Disinfecting the Titanium Reusable Video Laryngoscope

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

Please read the Warnings & Cautions section before performing the following task.

Before each use, reusable video laryngoscopes must be high-level disinfected. Follow this procedure to disinfect a GlideScope Titanium reusable video laryngoscope.

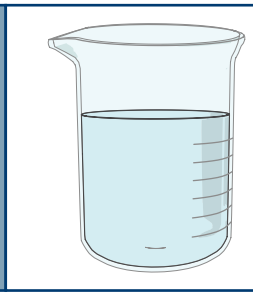
Before You Begin

Before disinfecting the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the previous section, Cleaning the Titanium Reusable Video Laryngoscope.
- Do **not** attempt to place protective caps over the connectors on GlideScope Titanium video laryngoscopes. These components are designed to be immersed completely without the use of any protective caps, and Verathon does not provide caps for them.

Disinfecting the Titanium Reusable Video Laryngoscope (Using a Liquid)

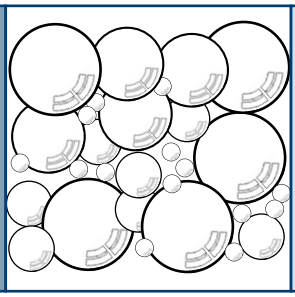
1



Prepare the disinfectant solution.

For concentration, temperature, and other preparation instructions, see Table 16 on page 59.

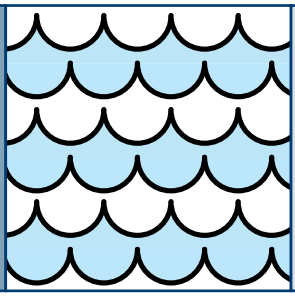
2



Expose the component to the disinfectant solution.

For exposure time, temperature, and other specific instructions, see Table 16 on page 59. (This information varies depending on which disinfectant you use.)

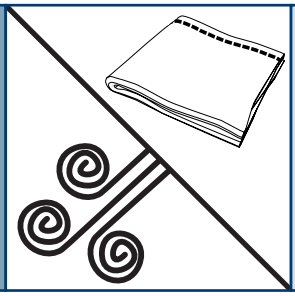
3



Rinse the component to remove the disinfectant solution.

For rinse time, temperature, and other rinsing instructions, see Table 16 on page 59. (This information varies depending on which disinfectant you use.)

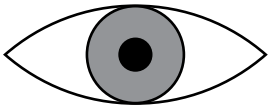
4



Dry the component.
Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following:

- Hospital-grade clean air
- A clean, lint-free cloth

5

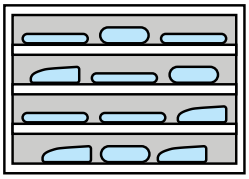


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

6



Store the component in a clean environment.

Reference Information (Liquids)

Verathon has validated the products in Table 16 for both chemical compatibility and biological efficacy when disinfecting the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

IMPORTANT

When applying high-level disinfection to a Titanium reusable video laryngoscope, you may use a Cantel (MEDIVATORS) CER Optima 1 & 2 AER, DSD-201 AER, or SSD-102 AER system, provided that you meet the following requirements:

- Use an approved high-level disinfectant from Table 16.
- Use a disinfectant that is compatible with the Cantel system. For more information about chemical compatibility, contact Cantel.
- Follow the processing conditions provided in Table 16, including temperature, exposure, and concentration, for the disinfectant you use.
- Do not expose the component to temperatures exceeding 60°C (140°F) on any cycle.

In the following table, the term *pure water* refers to water that is suitable for disinfection according to local regulations and your medical facility.

Table 16. Disinfection Solutions for Titanium Reusable Video Laryngoscopes

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
STERIS S40 or S20	High	650	Use standard cycles in the following processors: SYSTEM 1E (in U.S.) STERIS SYSTEM 1 (outside U.S.) SYSTEM 1 EXPRESS (outside U.S.) SYSTEM 1 PLUS (outside U.S.) **Return to the previous procedure** and complete the remaining steps there.
STERIS Resert XL HLD† Revital-Ox Resert XL HLD† Revital-Ox Resert HLD/ Chemosterilant†	High	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 8 minutes, ensuring that all air bubbles are removed from its surfaces. **Rinse:** Immerse the component once, for 1 minute, with agitation in pure water. Ensure that the connector is properly rinsed. **Return to the previous procedure** and complete the remaining steps there.
ASP CIDEX OPA Disinfectant	High	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength. **Rinse**: Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.
ASP CIDEX PLUS	High	3000	**Exposure:** Soak the component for 20 minutes at 25°C (77°F), ensuring that all air bubbles are removed from its surfaces. **Rinse** the component in pure water at 33–40°C (91–104°F). Immerse it 3 times, for 3 minutes each time, while agitating, flushing, and brushing with a sterile, soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.

Table 16. Disinfection Solutions for Titanium Reusable Video Laryngoscopes

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Metrex MetriCide Plus 30	High	3000	**Exposure:** Soak the component for 20 minutes at 25°C (77°F), ensuring that all air bubbles are removed from its surfaces. **Rinse** the component in pure water at 33–40°C (91–104°F). Immerse it 3 times, for 3 minutes each time, while agitating, flushing, and brushing with a sterile, soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.
Metrex MetriCide OPA Plus	High	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from its surfaces. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.
Cantel (MEDIVATORS) Rapicide OPA/28	High	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from its surfaces. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.
Anios OPASTER'ANIOS/ Farmec OPASTER	High	3000 (except LoPro T2)	**Exposure:** Soak the component at room temperature for 30 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Ensure that any exposed connectors are rinsed properly. **Return to the previous procedure** and complete the remaining steps there.
Metrex MetriCide 28	High	3000	**Exposure:** Soak the component for 20 minutes at 25°C (77°F), ensuring that all air bubbles are removed from its surfaces. **Rinse** the component in pure water at 33–40°C (91–104°F). Immerse it 3 times, for 3 minutes each time, while agitating, flushing, and brushing with a sterile, soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.

Table 16. Disinfection Solutions for Titanium Reusable Video Laryngoscopes

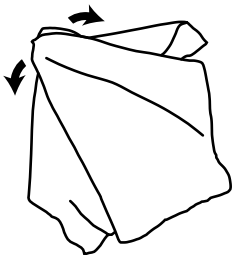
PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
ASP CIDEX Activated Dialdehyde Solution (ADS)	High	1000	**Exposure:** Soak the component for 45 minutes at 25°C (77°F), ensuring that all air bubbles are removed from its surfaces. **Rinse** the component in pure water at 33–40°C (91–104°F). Immerse it 3 times, for 3 minutes each time, while agitating, flushing, and brushing with a sterile, soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.
Cantel (MEDIVATORS) Rapicide PA 30°C	High	100	**Concentration:** 850±100 parts per million **Exposure:** Process the component for 5 minutes at 30°C (86°F) in a Cantel Advantage Plus or DSD Edge AER system with the following configuration: • Hookup: 2-8-002HAN Rev. B • Parameter: 1-24-010 C DISF **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

† *This chemical may cause discoloration of metal components, but the discoloration does not affect system efficacy or functionality.*

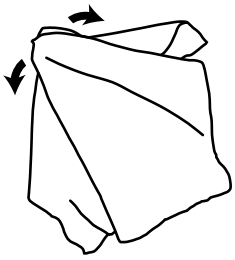
Disinfecting the Titanium Reusable Video Laryngoscope (Using Wipes)

1



Wipe down the component.
Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.
For specific instructions, see Table 17 on page 63. (This information varies depending on which wipes you use.)

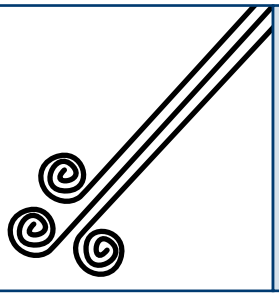
2



Rinse the component to remove any disinfectant residue, if necessary.

To determine whether rinsing is required with the wipes you use, see Table 17 on page 63.

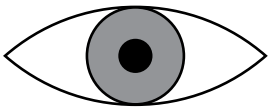
3



Dry the component.

Allow it to air dry thoroughly.

4

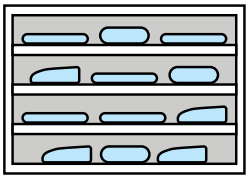


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

5



Store the component in a clean environment.

Reference Information (Wipes)

Verathon has validated the products in Table 17 for both chemical compatibility and biological efficacy when disinfecting the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 17. Disinfection Wipes for Titanium Reusable Video Laryngoscopes

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Tristel Trio Wipes System	High	3000	**Exposure:** Apply 2 pumps of the activator foam to a sporocidal towelette, and then knead the foam into the towelette for 15 seconds. Wet all surfaces of the component and allow it to remain wet for 30 seconds. **Rinse:** Use a rinse towelette to wipe all surfaces of the component. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 4. Sterilizing the Titanium Reusable Video Laryngoscope (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

CAUTION

Do not expose any GlideScope system component to temperatures above 60°C (140°F), and do not use autoclaves or other heat sterilization systems, except as described in this manual. Exposure to excess heat causes permanent device damage and voids the warranty.

Please read the Warnings & Cautions section before performing the following tasks.

Sterilization of the Titanium reusable video laryngoscope is optional. However, your medical care facility or provider may require you to sterilize these components before using them. Follow this procedure to sterilize a GlideScope Titanium reusable video laryngoscope.

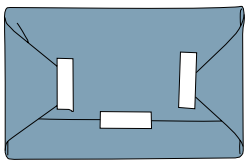
Before You Begin

Before sterilizing the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the earlier section, Cleaning the Titanium Reusable Video Laryngoscope.
- Inspect the component after cleaning, as specified in the section Cleaning the Titanium Reusable Video Laryngoscope. If it is damaged beyond the level of normal wear, do not use it again. Instead, contact Verathon Customer Care.
- Do **not** attempt to place protective caps over the connectors on GlideScope Titanium video laryngoscopes. These components are designed to be sterilized without the use of any protective caps, and Verathon does not provide caps for them.

Sterilizing the Titanium Reusable Video Laryngoscope

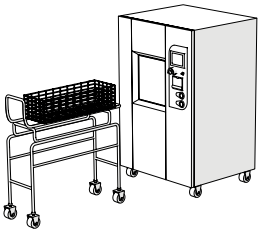
1



Package the component in a pouch, wrap, or other enclosure, if appropriate.

For the appropriate type of package for your sterilization system, see the manufacturer's instructions and Table 18 on page 66.

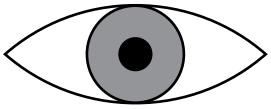
2



Sterilize the component.

For compatible cycle settings and other specific information, see Table 18 on page 66. For additional information, see the manufacturer's instructions for the sterilization system.

3

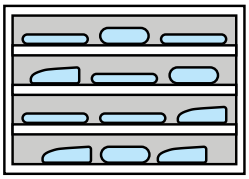


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

4



Store the component in an environment that is suitable for sterile equipment.

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when sterilizing the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 18. Sterilization Products for Titanium Reusable Video Laryngoscopes

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
STERIS S40 or S20	Sterilization	650	No packaging is required. Use standard cycles in the following processors: SYSTEM 1E (in U.S.) STERIS SYSTEM 1 (outside U.S.) SYSTEM 1 EXPRESS (outside U.S.) SYSTEM 1 PLUS (outside U.S.) **Return to the previous procedure** and complete the remaining steps there.
STERIS V-PRO systems with Vaprox HC	Sterilization	125	Insert the component into a Tyvek pouch, and then use the non-lumen cycle in any STERIS Amsco V-PRO low-temperature sterilization system. **Return to the previous procedure** and complete the remaining steps there.
ASP Hydrogen Peroxide Gas Plasma	Sterilization	300	Insert the component into a Tyvek pouch, and then sterilize it in one of the following processors: STERRAD 100S (in U.S.) STERRAD 100S short cycle (outside U.S.) STERRAD NX standard cycle STERRAD 100NX standard cycle STERRAD 50 STERRAD 200 short cycle **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

GlideScope Core Monitor, Workstation, and Power Adapter

Please read the Warnings & Cautions section before performing the tasks in this section.

Cleaning the GlideScope Core monitor is an important part of using and maintaining it. Prior to each use, ensure that the monitor has been cleaned according to the guidance provided in Table 19.

The availability and regulatory compliance of the cleaning products provided in this manual vary by region; ensure that you select products in accordance with your local laws and regulations.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Table 19. Reprocessing Requirements for GlideScope Core Monitors

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Monitor	✓			

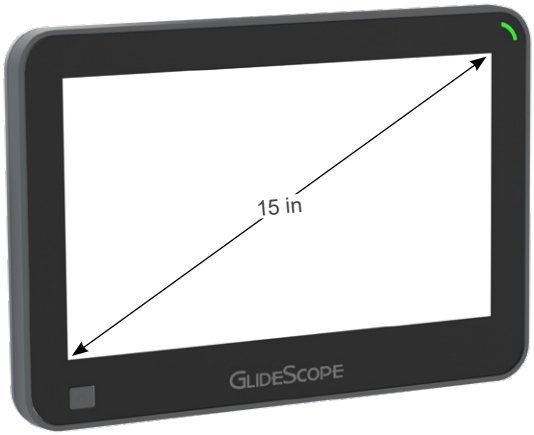
The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

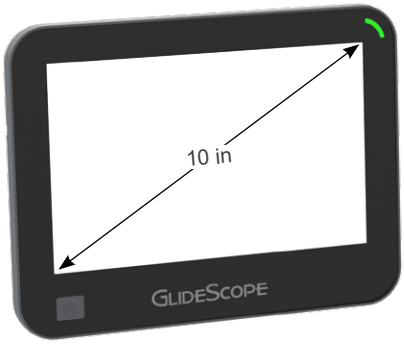
Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following components:



GlideScope Core 15 Monitor



GlideScope Core 10 Monitor

GlideScope Core Premium Workstation

GlideScope Core Power Adapter

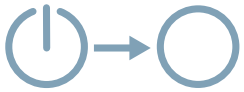
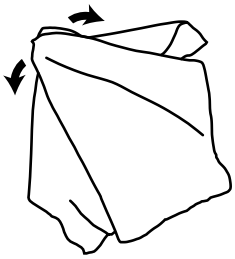
Procedure 1. Cleaning the GlideScope Core Monitor

WARNING

To reduce the risk of electrical shock, before cleaning the monitor or workstation, turn off the monitor and disconnect the power supply. Unplug the power supply from its AC power source.

IMPORTANT

Ensure that you do not use any abrasive substances, brushes, pads, or tools when cleaning the video monitor screen. The screen can be scratched, permanently damaging the device.

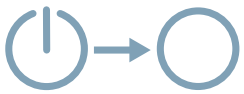
1		Make sure **the monitor has been turned off**, and then disconnect its power adapter.
2		**Wipe the outside surfaces of the monitor**, using a compatible solution. For a list of compatible solutions,see the table at verathon.com/service-and-support/glidescope-reprocessing-products. For specific cleaning and use directions, refer to the manufacturer's instructions for the solution.

Procedure 2. Cleaning the GlideScope Core Workstation and Power Adapter

WARNING

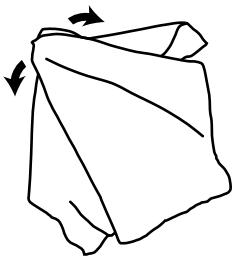
Electric shock hazard. Do not immerse the power adapter in water. Instead, use a cloth dampened with isopropyl alcohol to clean the outside of the adapter.

1



Make sure **the monitor has been turned off**, and then disconnect its power adapter.

2



Wipe the outside surfaces of the workstation and power adapter, using a compatible solution.

For a list of compatible solutions, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

For specific cleaning and use directions, refer to the manufacturer's instructions for the solution.

GlideScope Go 2 Monitor and Charging Cradle

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 20. Reprocessing Requirements for GlideScope Go 2 Monitor

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Monitor	✓			

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

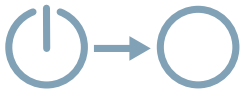
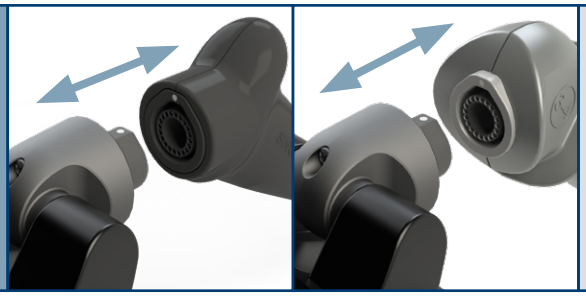
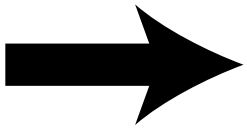
This section of the manual contains reprocessing instructions for the following components:

GlideScope Go 2 Monitor

GlideScope Go 2 Charging Cradle

Procedure 1. Preparing the GlideScope Go 2 Monitor for Cleaning

Spectrum single-use video laryngoscopes are single-use devices. GVL Stats are sterile, single-use devices. After use, both types of devices are biohazards and should be removed and disposed of in a manner consistent with local protocols.

1		Make sure **the monitor has been turned off.**
2		**Disconnect the video laryngoscope or video baton.** Hold the connector in one hand, hold the video laryngoscope or video baton in the other hand, and then pull.
3		**Clean the monitor**. Continue to Cleaning the GlideScope Go 2 Monitor on page 72.

Procedure 2. Cleaning the GlideScope Go 2 Monitor

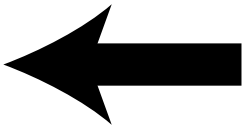
CAUTION

The reusable components of GlideScope systems are not shipped in sterile condition. Clean them, and disinfect or sterilize them if appropriate, before their first use. Failure to do so increases the risk of infection.

Clean the monitor after each use, adhering to the instructions below. Verathon has validated the products and method below for compatibility and efficacy. For information about additional solutions that may be available, please contact Verathon Customer Care.

Cleaning the GlideScope Go 2 Monitor (Using a Liquid)

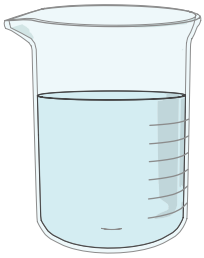
!



You must prepare the component before you clean it.

For instructions, see Preparing the GlideScope Go 2 Monitor for Cleaning on page 72.

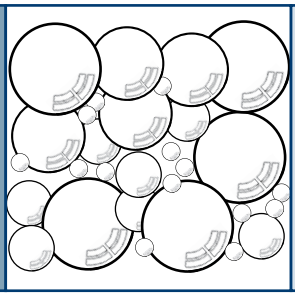
1



Prepare the cleaning solution.

For concentration, temperature, and other preparation instructions, see Table 21 on page 75.

2

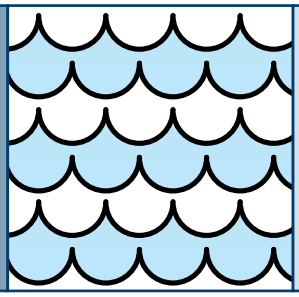


Wash the component in the cleaning solution.

For exposure time, temperature, and other washing instructions, see Table 21 on page 75.

Use a cotton swab moistened with the cleaning solution to clean the power button, the micro-USB port, and the grooves around the LCD window and the connector arm.

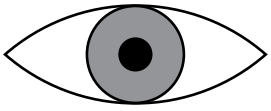
3



Rinse the component to remove the cleaning solution.

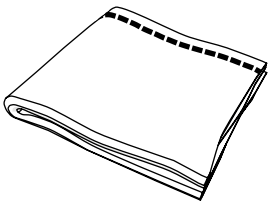
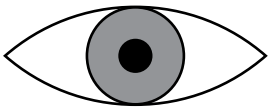
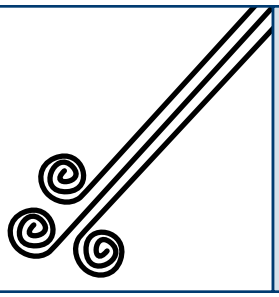
For rinse time, temperature, and other rinsing instructions, see Table 21 on page 75.

4



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 2.

5		**Dry the component** using a clean, lint-free cloth.
6		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.
7		**Dry and clear out the main connector**. Use hospital-grade clean air to blow any remaining moisture or other material out of the connector, and then examine the connector to make sure it is completely clean.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Liquids)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 21. Cleaning Solutions for the GlideScope Go 2 Monitor

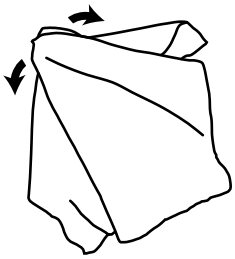
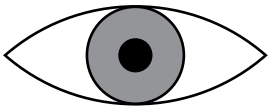
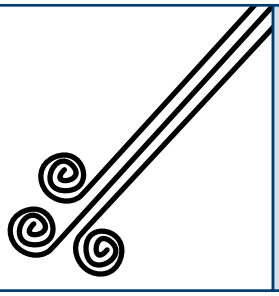
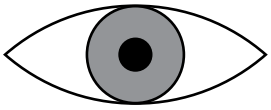
SOLUTION	DISINFECTION LEVEL	CYCLES*	CONDITIONS
ASP CIDEZYME/ ENZOL Enzymatic Detergent	Cleaning	1500	**Exposure:** Prepare the cleaning solution at a concentration of 8–16 mL per L (1–2 U.S. fluid ounces per U.S. gallon). Soak the component for 1–3 minutes. Use a lint-free cloth or cotton-tip swab to clean the component while it is still immersed, paying special attention to the areas around the button, the hinge, all surface contours, and the edges. **Rinse** the component for 3 minutes under running water. Make sure to rinse the blade/baton connector and the USB Type-C port properly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Cleaning the GlideScope Go 2 Monitor (Using Wipes)

You must prepare the component before you clean it.

For instructions, see Preparing the GlideScope Go 2 Monitor for Cleaning on page 72.

1		**Wipe down the component**. Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need. For specific instructions, see Table 22 on page 77. (This information varies depending on which wipes you use.)
2		**Examine the component** to make sure all visible contamination has been removed. If any visible contamination remains, return to Step 1.
3		**Dry the component**. Allow it to air dry thoroughly.
4		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Wipes)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 22. Cleaning Wipes for the GlideScope Go 2 Monitor

SOLUTION	DISINFECTION LEVEL	CYCLES*	CONDITIONS
PDI Sani-Cloth AF3 Germicidal Disposable Wipes	Cleaning	1500	**Exposure:** Remove all visible contamination from the component. Wet all surfaces of the component and keep them wet for at least 3 minutes. Pay special attention to the area around the button, the hinge, all surface contours, and all edges. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Cleaning the GlideScope Go 2 Charging Cradle

CAUTION

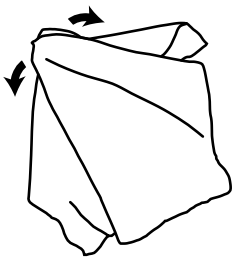
Do not allow GlideScope system components to come into contact with liquids, other than those recommended in this manual. Exposure to liquids can damage the electronics or other internal parts of some components.

Clean the charging cradle if it comes into contact with non-intact skin or mucous membranes. Otherwise, clean it on a regular basis, according to a schedule established by the medical care facility or provider.

1

Make sure **the monitor has been removed from the charging cradle**, and then disconnect the power supply.

2



Wipe the outside surfaces of the charging cradle, using a compatible solution.

For a list of compatible solutions, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

For specific cleaning and use directions, refer to the manufacturer's instructions for the solution.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

GlideScope Go Monitor and Charging Cradle

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 23. Reprocessing Requirements for GlideScope Go Monitor

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Monitor	✓			

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following components:

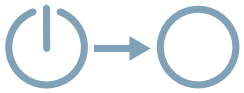
GlideScope Go Monitor

GlideScope Go Charging Cradle

Procedure 1. Preparing the GlideScope Go Monitor for Cleaning

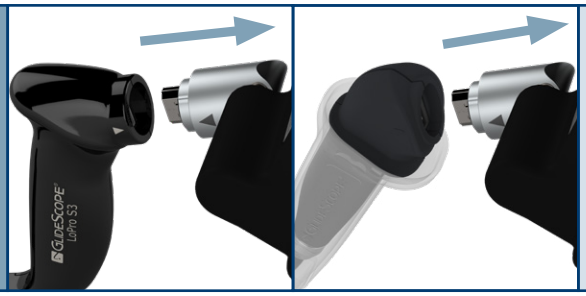
Spectrum single-use video laryngoscopes are single-use devices. GVL Stats are sterile, single-use devices. After use, both types of devices are biohazards and should be removed and disposed of in a manner consistent with local protocols.

1



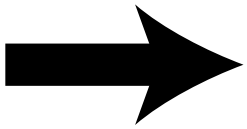
Make sure **the monitor has been turned off.**

2



Disconnect the video laryngoscope or video baton.
Grasp the laryngoscope or baton in one hand and the attached HDMI connector in the other. Pull firmly to separate the two devices.

3



Clean the monitor.

Continue to Cleaning the GlideScope Go Monitor on page 81.

Procedure 2. Cleaning the GlideScope Go Monitor

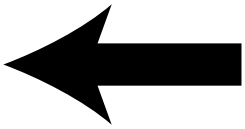
CAUTION

The reusable components of GlideScope systems are not shipped in sterile condition. Clean them, and disinfect or sterilize them if appropriate, before their first use. Failure to do so increases the risk of infection.

Clean the monitor after each use, adhering to the instructions below. Verathon has validated the products and method below for compatibility and efficacy. For information about additional solutions that may be available, please contact Verathon Customer Care.

Cleaning the GlideScope Go Monitor (Using a Liquid)

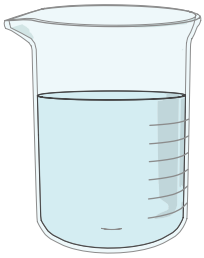
!



You must prepare the component before you clean it.

For instructions, see Preparing the GlideScope Go Monitor for Cleaning on page 80.

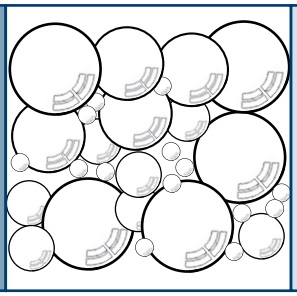
1



Prepare the cleaning solution.

For concentration, temperature, and other preparation instructions, see Table 24 on page 84.

2

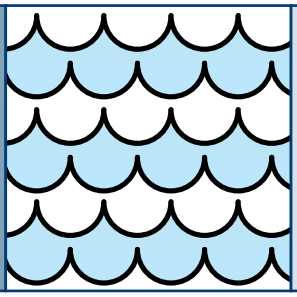


Wash the component in the cleaning solution.

For exposure time, temperature, and other washing instructions, see Table 24 on page 84.

Use a cotton swab moistened with the cleaning solution to clean the power button, the micro-USB port, and the grooves around the LCD window and the connector arm.

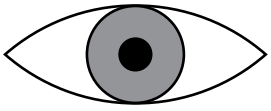
3



Rinse the component to remove the cleaning solution.

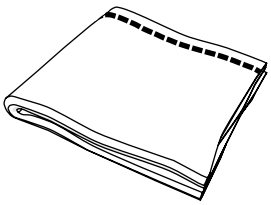
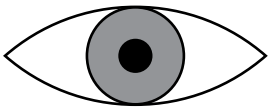
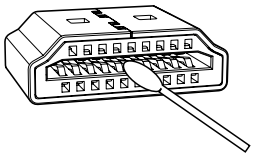
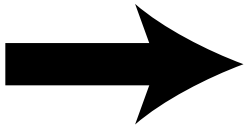
For rinse time, temperature, and other rinsing instructions, see Table 24 on page 84.

4



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 2.

5		**Dry the component** using a clean, lint-free cloth.
6		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.
7		**Clean the HDMI connector.** Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
8		**Disinfect the component** if necessary. Disinfection is optional. To disinfect, continue to Disinfecting the GlideScope Go Monitor (Optional) on page 89.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 24. Cleaning Solutions for the GlideScope Go Monitor

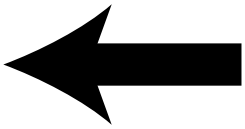
SOLUTION	DISINFECTION LEVEL	CYCLES*	CONDITIONS
ASP CIDEZYME/ ENZOL Enzymatic Detergent	Cleaning	1500	**Exposure:** Prepare the cleaning solution at a concentration of 8–16 mL per L (1–2 U.S. fluid ounces per U.S. gallon). Soak the component for 1–3 minutes. Use a lint-free cloth or cotton-tip swab to clean the component while it is still immersed, paying special attention to the areas around the button, the hinge, all surface contours, and the edges. **Rinse** the component for 3 minutes under running water. Make sure to rinse the HDMI connector and micro USB connector properly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Notes

Cleaning the GlideScope Go Monitor (Using Wipes)

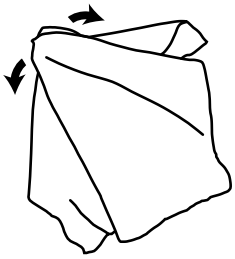
!



You must prepare the component before you clean it.

For instructions, see Preparing the GlideScope Go Monitor for Cleaning on page 80.

1

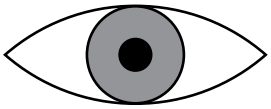


Wipe down the component.

Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.

For specific instructions, see Table 25 on page 88. (This information varies depending on which wipes you use.)

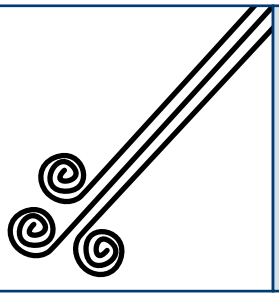
2



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 1.

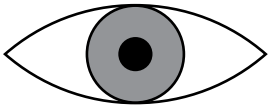
3



Dry the component.

Allow it to air dry thoroughly.

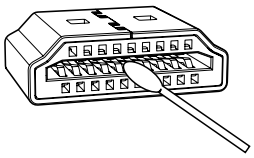
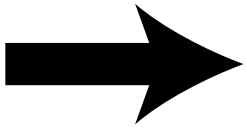
4



Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

5		**Clean the HDMI connector.** Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
6		**Disinfect the component** if necessary. Disinfection is optional. To disinfect, continue to Disinfecting the GlideScope Go Monitor (Optional) on page 89.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Wipes)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 25. Cleaning Wipes for the GlideScope Go Monitor

SOLUTION	DISINFECTION LEVEL	CYCLES*	CONDITIONS
PDI Sani-Cloth AF3 Germicidal Disposable Wipes	Cleaning	1500	**Exposure:** Remove all visible contamination from the component. Wet all surfaces of the component and keep them wet for at least 3 minutes. Pay special attention to hard-to-reach edges and surface contours. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Disinfecting the GlideScope Go Monitor (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

CAUTION

Do not expose any GlideScope system component to temperatures above 60°C (140°F), and do not use autoclaves or other heat sterilization systems, except as described in this manual. Exposure to excess heat causes permanent device damage and voids the warranty.

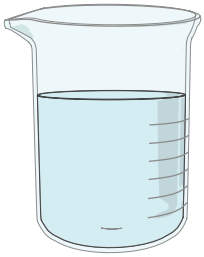
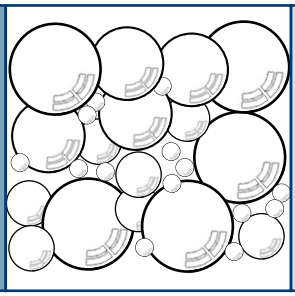
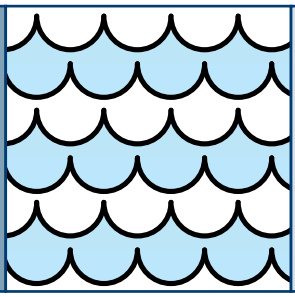
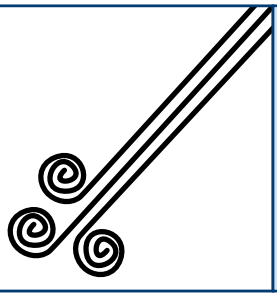
Your medical care facility or provider may require disinfection prior to use. Verathon has validated the products and method below for compatibility and efficacy. For information about additional products that may be available, please contact Verathon Customer Care.

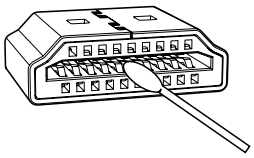
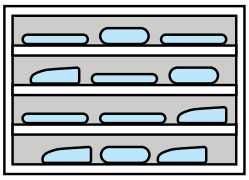
Before You Begin

Before disinfecting the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the previous section, Cleaning the GlideScope Go Monitor.
- Do **not** attempt to place protective caps over the connectors on the GlideScope Go monitor. The monitor is designed to be immersed completely without the use of any protective caps, and Verathon does not provide caps for it.

Disinfecting the GlideScope Go Monitor (Using a Liquid)

1		**Prepare the cleaning solution.** For concentration, temperature, and other preparation instructions, see Table 26 on page 92.
2		**Expose the component** to the disinfectant solution. For exposure time, temperature, and other specific instructions, see Table 26 on page 92. (This information varies depending on which disinfectant you use.)
3		**Rinse the component** to remove the disinfectant solution. For rinse time, temperature, and other rinsing instructions, see Table 26 on page 92. (This information varies depending on which disinfectant you use.)
4		**Dry the component**. Allow it to air dry thoroughly.

5		**Clean the HDMI connector.** Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
6		**Store the component** in a clean environment.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

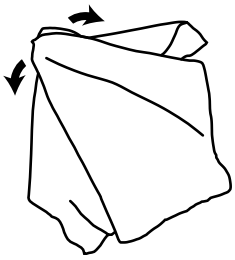
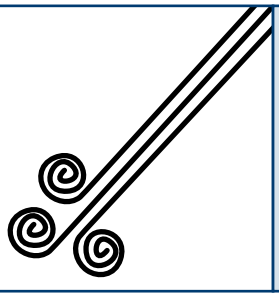
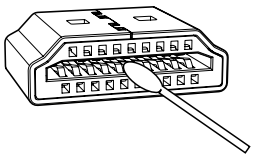
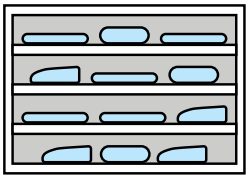
In the following table, the term *pure water* refers to water that is suitable for disinfection according to local regulations and your medical facility.

Table 26. Disinfection Solutions for the GlideScope Go Monitor

SOLUTION	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Anios OPASTER'ANIOS/ Farmec OPASTER	High	1500	**Exposure:** Soak the component at room temperature for 30 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Make sure to rinse the HDMI connector and micro USB connector properly. **Return to the previous procedure** and complete the remaining steps there.
ASP CIDEX OPA Disinfectant	High	1500	**Exposure:** Soak the component at room temperature for 12 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength. **Rinse**: Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Make sure to rinse the HDMI connector and micro USB connector properly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Disinfecting the GlideScope Go Monitor (Using Wipes)

1		**Wipe down the component**. Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need. For specific instructions, see Table 27 on page 94. (This information varies depending on which wipes you use.)
2		**Dry the component**. Allow it to air dry thoroughly.
3		**Clean the HDMI connector.** Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
4		**Store the component** in a clean environment.

Reference Information (Wipes)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 27. Disinfection Wipes for the GlideScope Go Monitor

SOLUTION	DISINFECTION LEVEL	CYCLES*	CONDITIONS
PDI Sani-Cloth AF3 Germicidal Disposable Wipes	Low	1500	**Exposure:** Wet all surfaces of the component and keep them wet for 3 minutes. Pay special attention to the area around the hinge, all edges, and all surface contours. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 4. Cleaning the GlideScope Go Charging Cradle

CAUTION

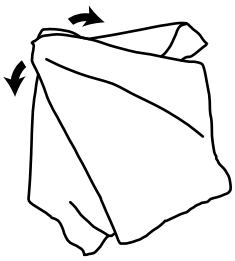
Do not allow GlideScope system components to come into contact with liquids, other than those recommended in this manual. Exposure to liquids can damage the electronics or other internal parts of some components.

Clean the charging cradle if it comes into contact with non-intact skin or mucous membranes. Otherwise, clean it on a regular basis, according to a schedule established by the medical care facility or provider.

1

Make sure **the monitor has been removed from the charging cradle**, and then disconnect the power supply.

2



Wipe the outside surfaces of the charging cradle, using a compatible solution.

For a list of compatible solutions, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

For specific cleaning and use directions, refer to the manufacturer's instructions for the solution.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

GlideScope Video Monitor, Premium Cart, Mobile Stand, and Power Adapter

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the cleaners listed in this manual, read and comply with product use instructions in all applications.

Note: The following table assumes that all items are used as intended.

Table 28. Reprocessing Requirements for the GlideScope Video Monitor

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Monitor	✓			

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

WARNING

To reduce the risk of electrical shock, before cleaning the monitor or workstation, turn off the monitor and disconnect the power supply. Unplug the power supply from its AC power source.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following components:

GlideScope Video Monitor

GlideScope Video Monitor Premium Cart

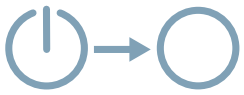
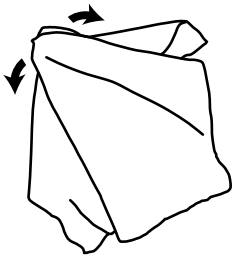
GlideScope Video Monitor Mobile Stand

GlideScope Video Monitor Power Adapter

Procedure 1. Cleaning the GlideScope Video Monitor

Clean the video monitor if it comes into contact with non-intact skin or mucous membranes. Otherwise, clean it on a regular basis, according to a schedule established by the medical care facility or provider.

Note: Exceeding the recommended number of cycles may affect the potential life of the component.

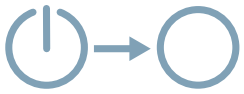
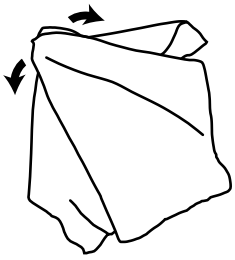
1		Make sure **the monitor has been turned off**, and then disconnect its power supply.
2		**Wipe the outside surfaces of the monitor**, using a compatible solution. For a list of compatible solutions, see the table at verathon.com/service-and-support/glidescope-reprocessing-products. For specific cleaning and use directions, refer to the manufacturer's instructions for the solution.

Procedure 2. Cleaning the GlideScope Video Monitor Power Adapter

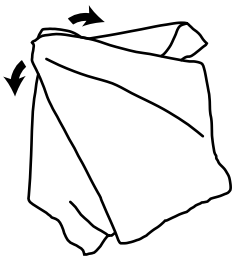
WARNING

Electric shock hazard. Do not immerse the power adapter in water. Instead, use a cloth dampened with isopropyl alcohol to clean the outside of the adapter.

Clean the power adapter as needed or according to a schedule established by the medical care facility or provider.

1		Make sure **the system has been turned off**, and then disconnect the power adapter from the monitor and the power source.
2		**Wipe the outside surfaces of the power adapter**, using a cloth dampened with isopropyl alcohol. Do **not** immerse the power adapter in water.

Procedure 3. Cleaning the GlideScope Video Monitor Premium Cart or Mobile Stand

1		Make sure **the monitor has been turned off**, and then disconnect its power adapter.
2		**Wipe the outside surfaces of the cart or stand**, using a compatible solution. For a list of compatible solutions, see the table at verathon.com/service-and-support/glidescope-reprocessing-products. For specific cleaning and use directions, refer to the manufacturer's instructions for the solution.

GlideRite Reusable Stylets

Please read the Warnings & Cautions section before performing the tasks in this section.

The GlideRite Rigid Stylet and the GlideRite DLT Stylet are reusable devices that require cleaning, and either high-level disinfection or sterilization, before their first use and between uses. This chapter provides instructions for the following:

- Cleaning the GlideRite Reusable Stylet—Clean the stylet and prepare it for either high-level disinfection or sterilization.
- Disinfecting the GlideRite Reusable Stylet—High-level disinfect the stylet.
- Sterilizing the GlideRite Reusable Stylet (Optional)—Sterilize the stylet.

You must complete the first procedure, followed by either the second or third procedure, to prepare a stylet for use on the next patient. Proper disinfection or sterilization is critical.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 29. Reprocessing Requirements for GlideRite Reusable Stylets

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
GlideRite Rigid Stylet			✓	
GlideRite DLT Stylet			✓	

The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following components:

 GlideRite Rigid Stylet	 GlideRite DLT Stylet

Procedure 1. Cleaning the GlideRite Reusable Stylet

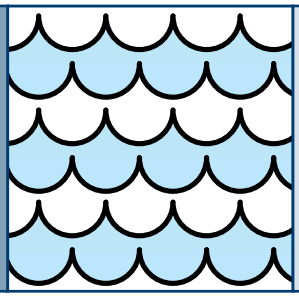
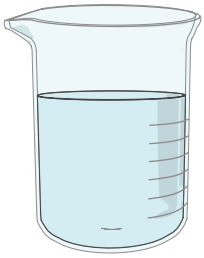
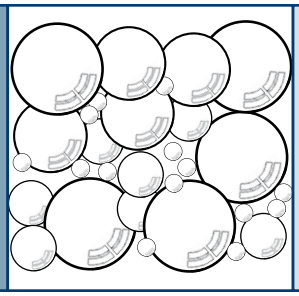
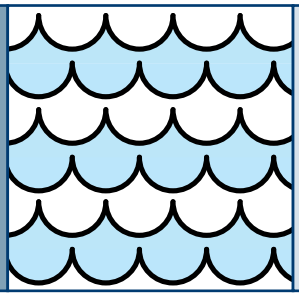
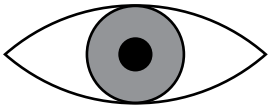
CAUTION

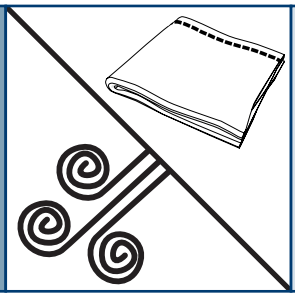
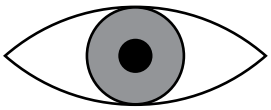
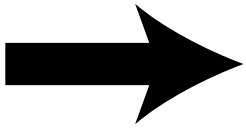
The reusable components of GlideScope systems are not shipped in sterile condition. Clean them, and disinfect or sterilize them if appropriate, before their first use. Failure to do so increases the risk of infection.

Before You Begin

Before cleaning, prevent any contaminants from drying onto the surface of the component. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

Cleaning the GlideRite Reusable Stylet (Using a Liquid)

1		**Rinse the component** in clean tap water. For water temperature requirements, see Table 30 on page 106.
2		**Prepare the cleaning solution.** For concentration, temperature, and other preparation instructions, see Table 30 on page 106.
3		**Wash the component** in the cleaning solution. For exposure time, temperature, and other washing instructions, see Table 30 on page 106.
4		**Rinse the component** to remove the cleaning solution. For rinse time, temperature, and other rinsing instructions, see Table 30 on page 106.
5		**Examine the component** to make sure all visible contamination has been removed. If any visible contamination remains, return to Step 3.

6		**Dry the component** using one of the following: • Hospital-grade clean air • A clean, lint-free cloth
7		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.
8		**Disinfect or sterilize the component**. To disinfect, continue to Disinfecting the GlideRite Reusable Stylet on page 111. Sterilization is optional. To sterilize, continue to Sterilizing the GlideRite Reusable Stylet (Optional) on page 117.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 30. Cleaning Solutions for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Ecolab OptiPro Multi-Enzymatic Low-Foam Detergent	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a concentration of 3.9–15.6 mL per L (0.5–2 U.S. fluid ounces per U.S. gallon). Soak the component for 2–5 minutes. After soaking the component, brush all of its surfaces except the camera window with a soft-bristled brush to remove any visible contamination. **Rinse** the component for 3 minutes under cold running water, brushing all of its surfaces with a soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.
Metrex CaviCide	Cleaning	1500	**Exposure:** Using the cleaning solution at a temperature of 33–40°C (91–104°F) and at full strength, spray all surfaces of the component until they are drenched. Allow the component to remain wet for 3 minutes. Brush all surfaces of the component. *Note: Spray the component as often as needed to ensure that all surfaces remain wet for the full 3 minutes.* **Rinse** the component for 5 minutes under running water. While rinsing, use a soft-bristled brush and a syringe to flush and brush any hard-to-reach areas. **Return to the previous procedure** and complete the remaining steps there.

Table 30. Cleaning Solutions for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Getinge Tec Wash III	Cleaning	1500	**Exposure:** Soak the component at a temperature of 20–40°C (68–104°F) for 3 minutes, brushing all of its surfaces. **Rinse** the component for 3 minutes under running water. **Return to the previous procedure** and complete the remaining steps there.
Metrex EmPower	Cleaning	1500	**Exposure:** Prepare the cleaning solution at a temperature of 19–29°C (66–84°F) and a concentration of 8 mL per L (1 U.S. fluid ounce per U.S. gallon). Soak the component for 3 minutes. Before removing the component from the solution, brush all of its surfaces. Pay special attention to hard-to-reach areas. **Rinse** the component for 3 minutes under running water. **Return to the previous procedure** and complete the remaining steps there.
Pro-Line Solutions EcoZyme	Cleaning	1500	**Exposure:** Prepare the cleaning solution at 8 mL per L (1 U.S. fluid ounce per U.S. gallon) in 30-40°C (86–104°F) water. Soak the component for 5 minutes. Before removing the component from the solution, brush all of its surfaces. Pay special attention to hard-to-reach areas. **Rinse** the component for 5 minutes under running water at 19–29°C (66–84°F). **Return to the previous procedure** and complete the remaining steps there.

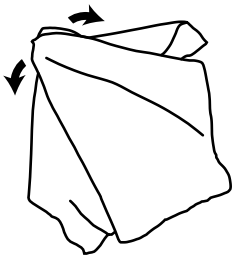
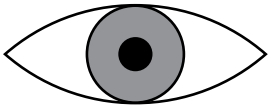
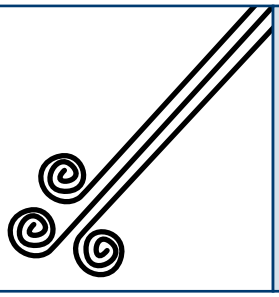
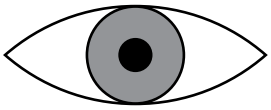
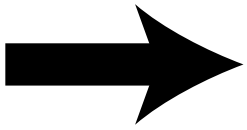
Table 30. Cleaning Solutions for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
STERIS Prolystica 2X Concentrate Enzymatic Presoak and Cleaner†	Cleaning	3000	**Exposure:** Prepare the cleaning solution at a temperature of 35˚C±5˚C and a concentration of 1–4 mL per L (0.125–0.5 U.S. fluid ounce per U.S. gallon). Soak the component for at least 3 minutes. Before removing the component from the solution, brush all of its surfaces, paying special attention to hard-to-reach areas. **Rinse** the component for 3 minutes under warm running water. If the component soaks for longer than 3 minutes, increase the rinse time in proportion to the soak time. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

† *After using STERIS Prolystica 2X Concentrate to clean a component that comes into direct contact with the patient, you must disinfect or sterilize the component as described in this manual. The disinfection or sterilization step neutralizes any remaining enzymes and prevents cytotoxicity.*

Cleaning the GlideRite Reusable Stylet (Using Wipes)

1		**Wipe down the component**. Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need. For specific instructions, see Table 31 on page 110. (This information varies depending on which wipes you use.)
2		**Examine the component** to make sure all visible contamination has been removed. If any visible contamination remains, return to Step 1.
3		**Dry the component**. Allow it to air dry thoroughly.
4		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.
5		**Disinfect or sterilize the component**. To disinfect, continue to Disinfecting the GlideRite Reusable Stylet on page 111. Sterilization is optional. To sterilize, continue to Sterilizing the GlideRite Reusable Stylet (Optional) on page 117.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Wipes)

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 31. Cleaning Wipes for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
PDI Sani-Cloth Bleach Germicidal Disposable Wipes	Cleaning	3000	**Exposure:** Use a fresh wipe to remove all heavy soil from the component, and then use a second wipe to wet all surfaces of the component thoroughly. Use additional wipes as needed to ensure that all surfaces remain visibly wet for at least 4 minutes. **Dry:** Allow the product to air dry. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 2. Disinfecting the GlideRite Reusable Stylet

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

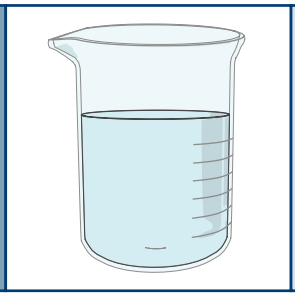
The GlideRite Rigid Stylet and DLT Stylet require high-level disinfection prior to use. You may choose to sterilize the stylets, depending on your local protocols or facility preferences. For more information about the reprocessing requirements for the stylets, see Table 29 on page 101.

Before You Begin

Before disinfecting, clean the component according to the instructions and standards in the earlier section, Cleaning the GlideRite Reusable Stylet.

Disinfecting the GlideRite Reusable Stylet

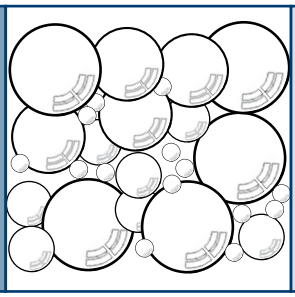
1



Prepare the disinfectant solution.

For concentration, temperature, and other preparation instructions, see Table 32 on page 114.

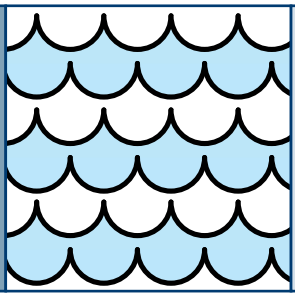
2



Expose the component to the disinfectant solution.

For exposure time, temperature, and other specific instructions, see Table 32 on page 114. (This information varies depending on which solution you use.)

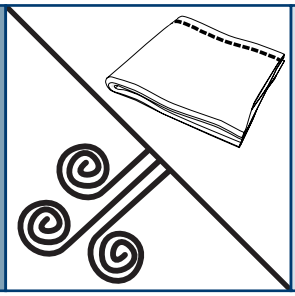
3



Rinse the component to remove the disinfectant solution.

For rinse time, temperature, and other rinsing instructions, see Table 32 on page 114. (This information varies depending on which solution you use.)

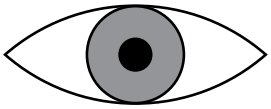
4



Dry the component using one of the following:

- Hospital-grade clean air
- A clean, lint-free cloth

5

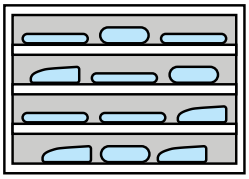


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

6



Store the component in a clean environment.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

In the following table, the term *pure water* refers to water that is suitable for disinfection according to local regulations and your medical facility.

Table 32. Disinfection Solutions for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
ASP CIDEX OPA Disinfectant	High	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from the surface of the component. Use the solution at full strength. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.
Anios OPASTER'ANIOS/ Farmec OPASTER	High	3000	**Exposure:** Soak the component at room temperature for 30 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Make sure to rinse any exposed connectors properly. **Return to the previous procedure** and complete the remaining steps there.
Metrex MetriCide OPA Plus	High	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from the surface of the component. Use the solution at full strength. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.

Table 32. Disinfection Solutions for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Cantel (MEDIVATORS) Rapicide PA 30°C	High	100	**Concentration:** 750–950 parts per million **Exposure:** Process the component for 5 minutes in a Cantel Advantage Plus or DSD Edge AER system with the following configuration: • Hookup: 2-8-002HAN Rev. B • Parameter: 1-24-010 C DISF **Return to the previous procedure** and complete the remaining steps there.
Metrex MetriCide 28	High	1500	**Exposure:** Soak the component for 20 minutes at 25°C (77°F), ensuring that all air bubbles are removed from its surfaces. **Rinse** the component in pure water at 33–40°C (91–104°F). Immerse it 3 times, for 3 minutes each time. Agitate it and brush it with a sterile, soft-bristled brush during each immersion. **Return to the previous procedure** and complete the remaining steps there.
STERIS Resert XL HLD† Revital-Ox Resert XL HLD† Revital-Ox Resert HLD/ Chemosterilant†	High	1500	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 8 minutes, ensuring that all air bubbles are removed from its surfaces. **Rinse:** Immerse the component once, for 1 minute, with agitation in pure water. Ensure that the connector is properly rinsed. **Return to the previous procedure** and complete the remaining steps there.
STERIS S40 or S20	High	500	Use standard cycles in the following processors: SYSTEM 1E (in U.S.) STERIS SYSTEM 1 (outside U.S.) SYSTEM 1 EXPRESS (outside U.S.) SYSTEM 1 PLUS (outside U.S.) **Return to the previous procedure** and complete the remaining steps there.

Table 32. Disinfection Solutions for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
Washer-disinfector systems (thermal disinfection; EU only)	High	100	**Cleaning Cycle:** Use a compatible cleaner listed in Table 31. **Disinfection Cycle:** Expose the component for at least 5 minutes at 90°C (194°F), or at least 2.5 minutes at 93°C (199°F). **Drying Cycle:** Dry the component at no more than 95°C (203°F), and then allow it to cool. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

† *This chemical may discolor metal, but the discoloration does not affect efficacy or functionality.*

Procedure 3. Sterilizing the GlideRite Reusable Stylet (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

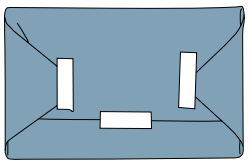
Sterilization of the GlideRite Rigid Stylet or DLT Stylet is optional. However, your medical care facility or provider may require you to sterilize these components before using them. Follow this procedure to sterilize a GlideRite Rigid Stylet or DLT Stylet.

Before You Begin

Before sterilizing, clean the component according to the instructions and standards in the earlier section, Cleaning the GlideRite Reusable Stylet.

Sterilizing the GlideRite Reusable Stylet

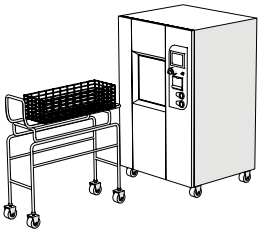
1



Package the component in a pouch, wrap, or other enclosure, if appropriate.

For the appropriate type of package for your sterilization system, see the manufacturer's instructions and Table 33 on page 119.

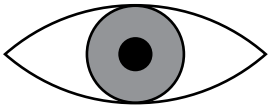
2



Sterilize the component.

For compatible cycle settings and other specific information, see Table 33 on page 119. For additional information, see the manufacturer's instructions for the sterilization system.

3

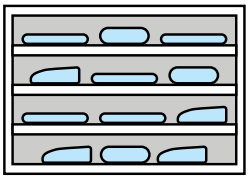


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

4



Store the component in an environment that is suitable for sterile equipment.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

The following table provides specific instructions that have been deemed efficacious on these components. For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 33. Sterilization Products for GlideRite Reusable Stylets

PRODUCT	DISINFECTION LEVEL	CYCLES*	CONDITIONS
ASP Hydrogen Peroxide Gas Plasma	Sterilization	500	Insert the component into a Tyvek pouch, and then sterilize it using one of the following processors: STERRAD 100S (in U.S.) STERRAD 100S short cycle (outside U.S.) STERRAD NX standard cycle STERRAD 100NX standard cycle STERRAD 50 STERRAD 200 short cycle **Return to the previous procedure** and complete the remaining steps there.
STERIS V-PRO systems with Vaprox HC	Sterilization	500	Insert the component into a Tyvek pouch, and then use the non-lumen cycle in any STERIS Amsco V-PRO low-temperature sterilization system. **Return to the previous procedure** and complete the remaining steps there.
Autoclave (steam cycle)	Sterilization	300	**Minimum:** Sterilize the component for 3 minutes at 134°C (273°F), or for 4 minutes at 132°C (270°F). **Maximum:** Sterilize the component for 18 minutes at 137°C (279°F). **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

† *This chemical may discolor metal, but the discoloration does not affect efficacy or functionality.*

QuickConnect Cables

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 34. Reprocessing Requirements for QuickConnect Cables

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
GlideScope Video Monitor QuickConnect Cable	✓			
GlideScope Core 2m QuickConnect Cable	✓			
GlideScope Core QuickConnect Cable	✓			

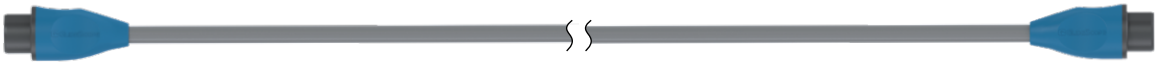
The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

This section of the manual contains reprocessing instructions for the following components:



GlideScope Core 2m QuickConnect Cable
GlideScope Core QuickConnect Cable

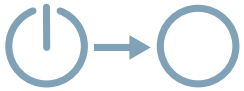
GlideScope Video Monitor QuickConnect Cable

Note: These images have been shortened for illustrative purposes.

Notes

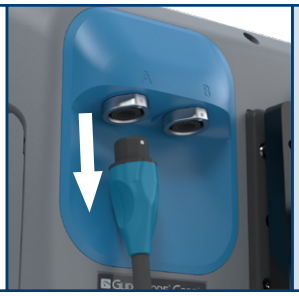
Procedure 1. Preparing a QuickConnect Cable for Cleaning

1



Make sure **the monitor has been turned off.**

2



Disconnect the video cable.

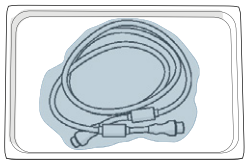
- GlideScope Video Monitor—Turn the connector ring in the direction of the release arrow, and then pull.
- Core monitor—Hold the connector in one hand, support the monitor with the other, and pull.

3

Disconnect the scope.

Hold the connector in one hand, hold the scope in the other hand, and then pull.

4

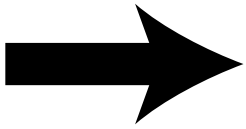


Apply a pre-cleaner. (Optional)

Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

For information on compatible pre-cleaners, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

5



Clean the component.

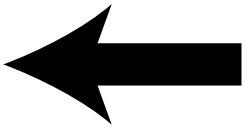
Continue to Cleaning a QuickConnect Cable on page 124.

Procedure 2. Cleaning a QuickConnect Cable

Please read the Warnings & Cautions section before performing the following task.

Cleaning a QuickConnect Cable (Using a Liquid)

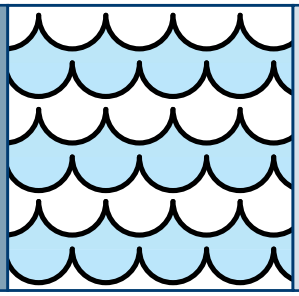
!



You must prepare the component before you clean it.

For instructions, see Preparing a QuickConnect Cable for Cleaning on page 123.

1

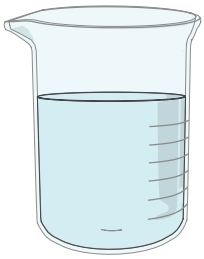


Rinse the component in clean tap water.

Scrub the component with a soft-bristled brush until all visible contamination has been removed.

Examine all connectors for contamination. If you see any, use a long, soft-bristled brush or a cotton swab to remove it.

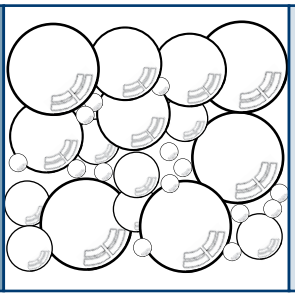
2



Prepare the cleaning solution.

For concentration, temperature, and other preparation instructions, see Table 35 on page 127.

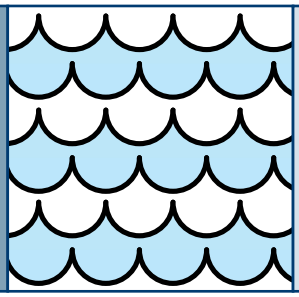
3



Wash the component in the cleaning solution.

For exposure time, temperature, and other washing instructions, see Table 35 on page 127. (This information varies depending on which cleaning solution you use.)

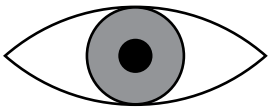
4



Rinse the component to remove the cleaning solution.

For rinse time, temperature, and other rinsing instructions, see Table 35 on page 127. (This information varies depending on which cleaning solution you use.)

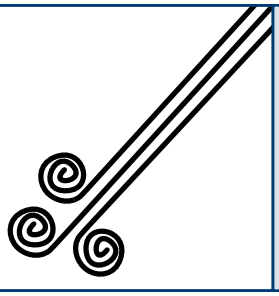
5



Examine the component to make sure all visible contamination has been removed.

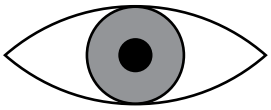
If any visible contamination remains, return to Step 3.

6



Dry the component.
Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using hospital-grade clean air.

7

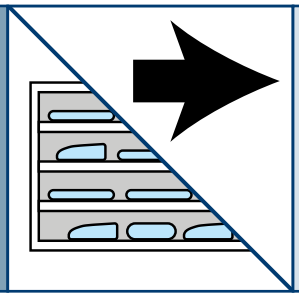


Examine the component to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

Note: Handle the component carefully to avoid recontamination.

8



Disinfect the component (optional).

To disinfect, continue to Disinfecting a QuickConnect Cable (Optional) on page 132.

Otherwise, store the component in a clean environment.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Liquids)

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when cleaning the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

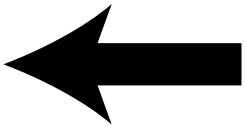
Table 35. Cleaning Solutions for QuickConnect Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
ASP CIDEZYME/ ENZOL Enzymatic Detergent	Cleaning	GlideScope Video Monitor QuickConnect Cable	1500	**Exposure:** Prepare the cleaning solution in lukewarm water at a concentration of 8–16 mL per L (1–2 U.S. fluid ounces per U.S. gallon). Immerse the component, including its connectors, and allow it to soak for 1–3 minutes. Use a soft bristled brush to clean the component while it is still immersed. When cleaning the GlideScope Video Monitor QuickConnect Cable, pay special attention to cracks, crevices, seams, and hard-to-reach areas. **Rinse** the component for 3 minutes under running tap water, making sure that its connectors are rinsed properly. **Return to the previous procedure** and complete the remaining steps there.
		GlideScope Core QuickConnect Cable		

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Cleaning a QuickConnect Cable (Using Wipes)

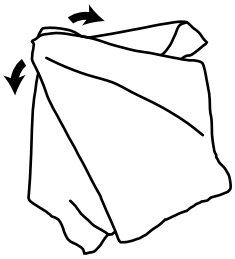
!



You must prepare the component before you clean it.

For instructions, see Preparing a QuickConnect Cable for Cleaning on page 123.

1

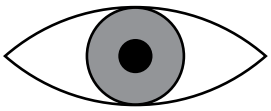


Wipe down the component.

Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.

For specific instructions, see Table 36 on page 131. (This information varies depending on which wipes you use.)

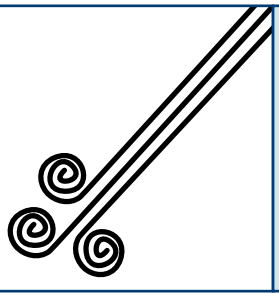
2



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 1.

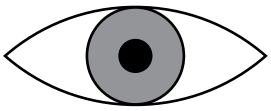
3



Dry the component.

Allow it to air dry thoroughly.

4

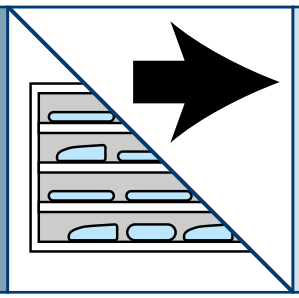


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

5



Disinfect the component (optional).

To disinfect, continue to Disinfecting a QuickConnect Cable (Optional) on page 132.

Otherwise, store the component in a clean environment.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Wipes)

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when cleaning the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 36. Cleaning Wipes for QuickConnect Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
PDI Sani-Cloth AF3 Germicidal Disposable Wipes	Cleaning	GlideScope Video Monitor QuickConnect Cable	1500	a. Using a new, fresh towelette, wipe the monitor end (the black connector) of the cable with a back-and-forth scrubbing motion. b. Continue wiping with a back-and-forth scrubbing motion, working your way along the cable toward the bronchoscope end (the blue connector). c. At each joint between cable elements and overmolded parts, wipe thoroughly to remove all soil buildup. d. Using a new, fresh towelette, wipe the bronchoscope end of the cable (the blue connector) with a back-and-forth scrubbing motion. e. Continue wiping with a back-and-forth scrubbing motion, working your way back along the cable toward the monitor end (the black connector). f. At each joint between cable elements and overmolded parts, wipe thoroughly to remove all soil buildup. g. If any areas begin to appear dry, wipe them again to keep them visibly wet for at least 3 minutes. h. Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		GlideScope Core QuickConnect Cable	1500	**Exposure:** Use a new wipe to remove all visible gross soil, and then use fresh wipes to wet all surfaces of the component. Use additional wipes as needed to keep the component visibly wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Disinfecting a QuickConnect Cable (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

Please read the Warnings & Cautions section before performing the following task.

Follow this procedure to disinfect a video cable or Smart Cable.

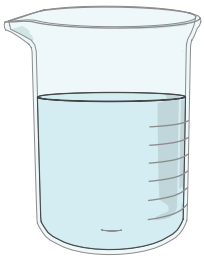
Before You Begin

Before disinfecting the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the previous section, Cleaning a QuickConnect Cable.
- Do **not** attempt to place protective caps over the connectors on QuickConnect Cables. These components are designed to be immersed completely without the use of any protective caps, and Verathon does not provide caps for them.

Disinfecting a QuickConnect Cable (Using a Liquid)

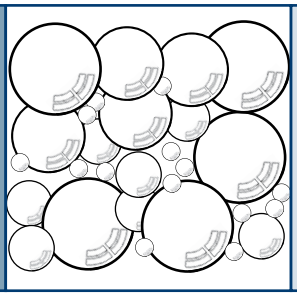
1



Prepare the disinfectant solution.

For concentration, temperature, and other preparation instructions, see Table 37 on page 135.

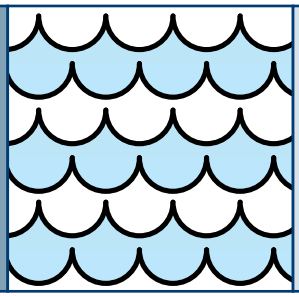
2



Expose the component to the disinfectant solution.

For exposure time, temperature, and other specific instructions, see Table 37 on page 135. (This information varies depending on which disinfectant you use.)

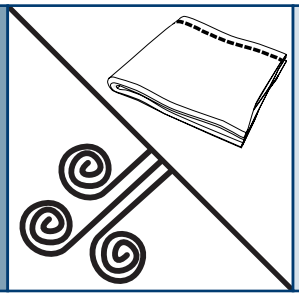
3



Rinse the component to remove the disinfectant solution.

For rinse time, temperature, and other rinsing instructions, see Table 37 on page 135. (This information varies depending on which disinfectant you use.)

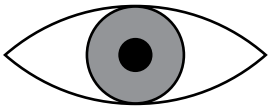
4



Dry the component.
Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following:

- Hospital-grade clean air
- A clean, lint-free cloth

5

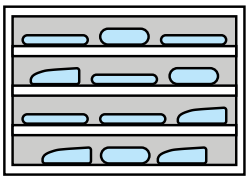


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

6



Store the component in a clean environment.

Reference Information (Liquids)

Verathon has validated the products in Table 37 for both chemical compatibility and biological efficacy when disinfecting the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

IMPORTANT

When applying high-level disinfection to a video cable or Smart Cable, you may use a Cantel (MEDIVATORS) CER Optima 1 & 2 AER, DSD-201 AER, or SSD-102 AER system, provided that you meet the following requirements:

- Use an approved high-level disinfectant from Table 37.
- Use a disinfectant that is compatible with the Cantel system. For more information about chemical compatibility, contact Cantel.
- Follow the processing conditions provided in Table 37, including temperature, exposure, and concentration, for the disinfectant you use.
- Do not expose the component to temperatures exceeding 60°C (140°F) on any cycle.

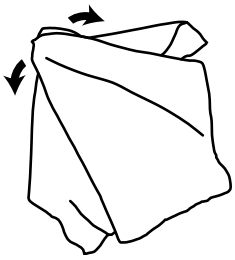
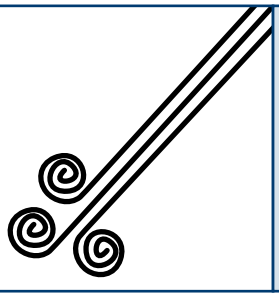
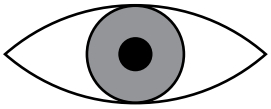
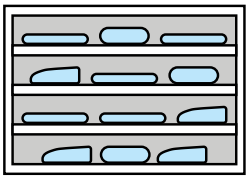
In the following table, the term *pure water* refers to water that is suitable for disinfection according to local regulations and your medical facility.

Table 37. Disinfection Solutions for QuickConnect Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
ASP CIDEX OPA Disinfectant	High	Core QuickConnect Cable	1500	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength, after confirming the concentration with CIDEX OPA test strips. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Use a fresh batch of pure water for each immersion. **Return to the previous procedure** and complete the remaining steps there.
Anios OPASTER'ANIOS/ Farmec OPASTER	High	Core QuickConnect Cable	1500	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength, after confirming the concentration with CIDEX OPA test strips. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Ensure that any exposed connectors are rinsed properly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Disinfecting a QuickConnect Cable (Using Wipes)

1		**Wipe down the component**. Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need. For specific instructions, see Table 38 on page 137. (This information varies depending on which wipes you use.)
2		**Dry the component**. Allow it to air dry thoroughly.
3		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.
4		**Store the component** in a clean environment.

Reference Information (Wipes)

Verathon has validated the products in Table 38 for both chemical compatibility and biological efficacy when disinfecting the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 38. Disinfection Wipes for QuickConnect Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
PDI Sani-Cloth AF3 Germicidal Disposable Wipes	Low	Core QuickConnect Cable	1500	**Exposure:** Wet all surfaces of the component and keep them wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Video Cables and Smart Cables

Please read the Warnings & Cautions section before performing the tasks in this section.

IMPORTANT

Do not let any contaminant(s) dry on the device. Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult.

When using any of the disinfectants listed in this manual, read and comply with product use instructions in all applications.

Note: It is understood that all items in the following table will be used as intended.

Table 39. Reprocessing Requirements for Video Cables and Smart Cables

DEVICE	REQUIRED REPROCESSING LEVELS			
	Clean	Low	High	Sterilize
Titanium Video Cable	✓			
GlideScope Core Video Cable	✓			
Spectrum Smart Cable	✓			
GlideScope Core Smart Cable	✓			

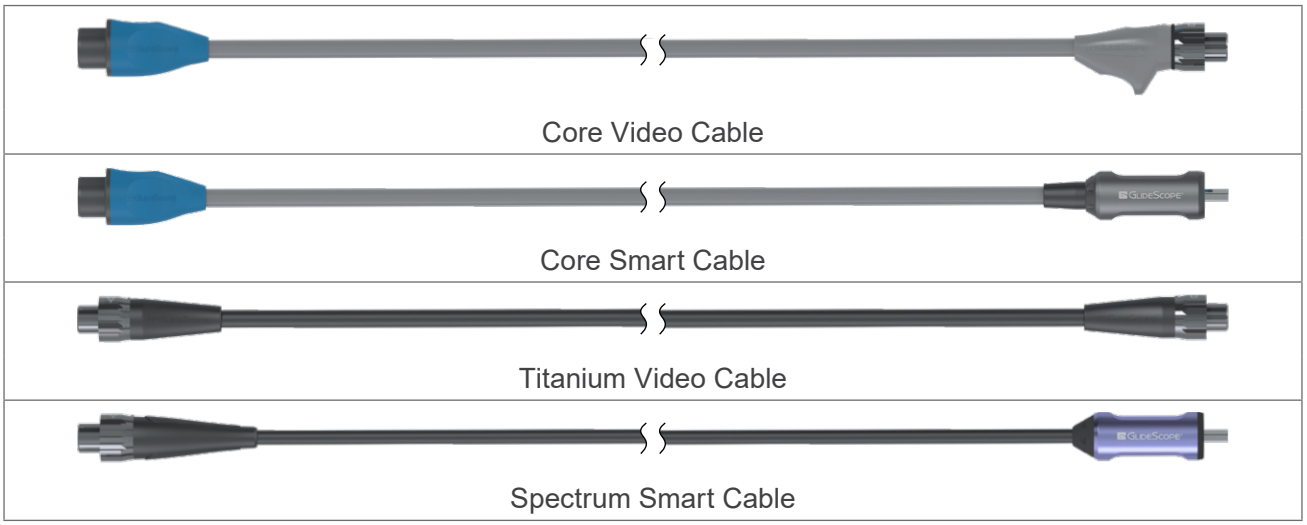
The reprocessing levels shown in this table refer to the CDC/Spaulding classifications.

IMPORTANT

Information about materially compatible and efficacious reprocessing products is available in the table at verathon.com/service-and-support/glidescope-reprocessing-products. Review this information before performing the procedures in this chapter.

Items Covered in This Section

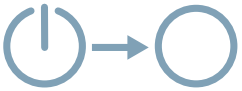
This section of the manual contains reprocessing instructions for the following components:



Note: These images have been shortened for illustrative purposes.

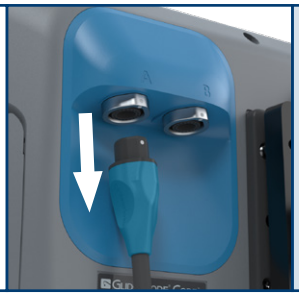
Procedure 1. Preparing a Video Cable or Smart Cable for Cleaning

1



Make sure **the monitor has been turned off.**

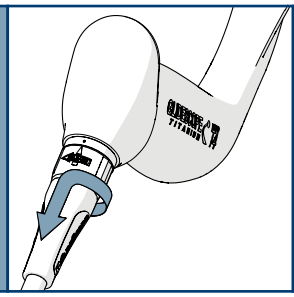
2

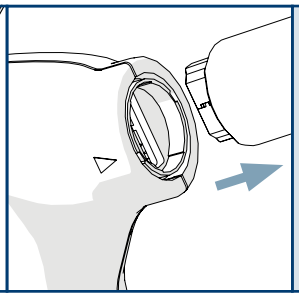


Disconnect the video cable.

- GlideScope Video Monitor—Turn the connector ring in the direction of the release arrow, and then pull.
- Core monitor—Hold the connector in one hand, support the monitor with the other, and pull.

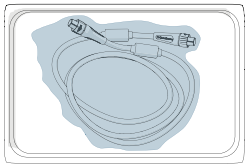
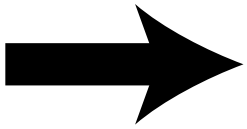
3





Disconnect the scope.

- Reusable video laryngoscopes—Turn the connector ring in the direction of the release arrow, and then pull.
- Single-use video laryngoscopes or video batons—Pull the connector firmly out of the socket on the scope.

4		**Apply a pre-cleaner.** (Optional) Bodily contaminants tend to become securely attached to solid surfaces when dried, making removal more difficult. For information on compatible pre-cleaners, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.
5		**Clean the component**. Continue to Cleaning a Video Cable or Smart Cable on page 142.

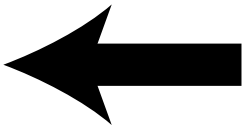
Procedure 2. Cleaning a Video Cable or Smart Cable

Please read the Warnings & Cautions section before performing the following task.

Follow this procedure to clean a Titanium video cable or Spectrum Smart Cable. It is critical to remove all traces of contamination from a component before beginning disinfection or sterilization.

Cleaning a Video Cable or Smart Cable (Using a Liquid)

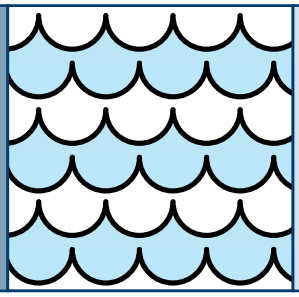
!



You must prepare the component before you clean it.

For instructions, see Preparing a Video Cable or Smart Cable for Cleaning on page 140.

1

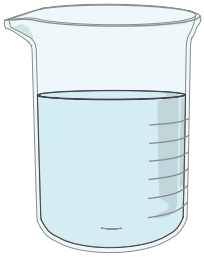


Rinse the component in clean tap water.

Scrub the component with a soft-bristled brush until all visible contamination has been removed.

Examine all connectors for contamination. If you see any, use a long, soft-bristled brush or a cotton swab to remove it.

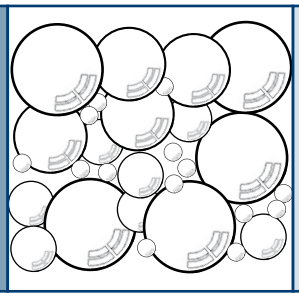
2



Prepare the cleaning solution.

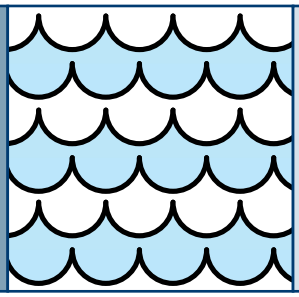
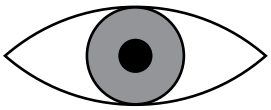
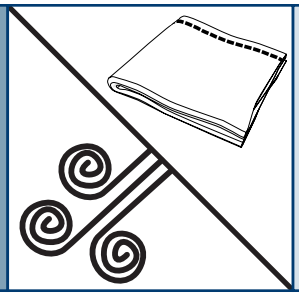
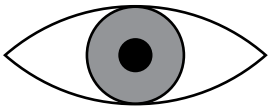
For concentration, temperature, and other preparation instructions, see Table 40 on page 145.

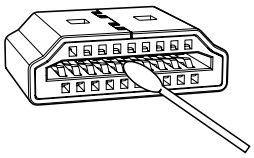
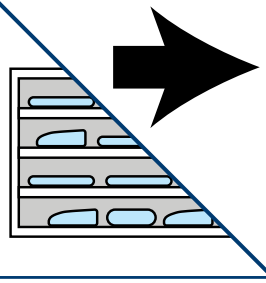
3



Wash the component in the cleaning solution.

For exposure time, temperature, and other washing instructions, see Table 40 on page 145. (This information varies depending on which cleaning solution you use.)

4		**Rinse the component** to remove the cleaning solution. For rinse time, temperature, and other rinsing instructions, see Table 40 on page 145. (This information varies depending on which cleaning solution you use.)
5		**Examine the component** to make sure all visible contamination has been removed. If any visible contamination remains, return to Step 3.
6		**Dry the component**. Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following: • Hospital-grade clean air • A clean, lint-free cloth
7		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care. *Note: Handle the component carefully to avoid recontamination.*

8		**Clean the HDMI connector** (Smart Cable only). Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
9		**Disinfect or sterilize the component** (optional). To disinfect, continue to Disinfecting a Video Cable or Smart Cable (Optional) on page 157. To sterilize, continue to Sterilizing a Video Cable or Smart Cable (Optional) on page 170. Otherwise, store the component in a clean environment.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Liquids)

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when cleaning the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 40. Cleaning Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
ASP CIDEZYME/ ENZOL Enzymatic Detergent	Cleaning	Core Video Cable	1500	**Exposure:** Prepare the cleaning solution in lukewarm water at a concentration of 8–16 mL per L (1–2 U.S. fluid ounces per U.S. gallon). Immerse the component, including its connectors, and allow it to soak for 1–3 minutes. Use a soft bristled brush to clean the component while it is still immersed. **Rinse** the component for 3 minutes under running tap water, making sure that its connectors are rinsed properly. **Return to the previous procedure** and complete the remaining steps there.
		Core Smart Cable		

Table 40. Cleaning Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Getinge Tec Wash III	Cleaning	Titanium Video Cable	3000	**Exposure:** Prepare the cleaning solution at a temperature of 20–40°C (68–104°F) and a concentration of 2–8 mL per L (0.25–1 U.S. fluid ounce per U.S. gallon). Soak the component for 3 minutes, brushing all of its surfaces. **Rinse** the component for 3 minutes under running water. **Return to the previous procedure** and complete the remaining steps there.
STERIS Prolystica 2X Concentrate Enzymatic Presoak and Cleaner	Cleaning	Titanium Video Cable	3000	**Exposure:** Prepare the cleaning solution at a temperature of 35˚C±5˚C and a concentration of a concentration of 1–4 mL per L (0.125–0.5 U.S. fluid ounce per U.S. gallon). Soak the component for at least 3 minutes. Before removing the component from the solution, brush all of its surfaces using a soft-bristled brush, paying special attention to hard-to-reach areas. **Rinse** the component for 3 minutes under warm running water. If the component soaks for longer than 3 minutes, increase the rinse time in proportion to the soak time. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	

Table 40. Cleaning Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Metrex EmPower	Cleaning	Titanium Video Cable	3000	**Exposure:** Prepare the cleaning solution at a temperature of 19–29°C (66–84°F) and a concentration of 7.8 mL per L (1 U.S. fluid ounce per U.S. gallon). Soak the component for 3 minutes. Before removing the component from the solution, brush all of its surfaces. Pay special attention to hard-to-reach areas. **Rinse** the component for 3 minutes under running water. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Ecolab OptiPro Multi-Enzymatic Low-Foam Detergent	Cleaning	Titanium Video Cable	3000	**Exposure:** Prepare the cleaning solution at a concentration of 3.9–15.6 mL per L (0.5–2 U.S. fluid ounces per U.S. gallon). Soak the component for 2–5 minutes. After soaking the component, brush all of its surfaces with a soft-bristled brush to remove any visible contamination. **Rinse** the component for 3 minutes under cold running water, brushing all of its surfaces with a soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	

Table 40. Cleaning Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Metrex CaviCide	Cleaning	Titanium Video Cable	3000	**Exposure:** Using the cleaning solution at a temperature of 33–40°C (91–104°F) and at full strength, spray all surfaces of the component until they are drenched. Allow the component to remain wet for 5 minutes while you brush all of its surfaces. Rinse the component under running water for 3 minutes, and then use the cleaning solution to spray all surfaces of the component again until they are drenched. Allow the component to remain wet for 10 minutes. **Rinse** the component under running water for 5 minutes, and then immerse it completely in water and agitate it for 2 minutes. While it is still immersed, brush it with a soft-bristled brush. Remove the component from the water, and then flush its connectors with a syringe and running water. Immerse the component completely in **fresh** water and agitate it for 2 minutes. Rinse the component under running water for 1 minute. **Return to the previous procedure** and complete the remaining steps there.

Table 40. Cleaning Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Metrex CaviCide (continued)	Cleaning	Spectrum Smart Cable	1500	**Exposure:** Using the cleaning solution at a temperature of 33–40°C (91–104°F) and at full strength, spray all surfaces of the component until they are drenched. Allow the component to remain wet for 10 minutes while you brush all of its surfaces. Rinse the component under running water for 5 minutes, and then use the cleaning solution to spray all surfaces of the component again until they are drenched. Allow the component to remain wet for 10 minutes. **Rinse** the component under running water for 5 minutes, and then immerse it completely in water and agitate it for 3 minutes. While it is still immersed, brush it with a soft-bristled brush. Remove the component from the water, and then flush its connectors with a syringe and running water. Immerse the component completely in **fresh** water and agitate for 3 minutes. Rinse the component under running water for 2 minutes. **Return to the previous procedure** and complete the remaining steps there.

Table 40. Cleaning Solutions for Video Cables and Smart Cables

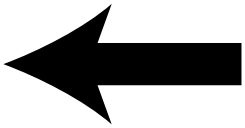
PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Pro-Line Solutions EcoZyme	Cleaning	Titanium Video Cable	3000	**Exposure:** Prepare the cleaning solution at 7.8 mL per L (1 U.S. fluid ounce per U.S. gallon) in 30–40°C (86–104°F) water. Soak the component for 5 minutes. Before removing it from the solution, brush all of its surfaces. Pay special attention to hard-to-reach areas. Use a syringe to flush the connectors on the component. **Rinse** the component for 5 minutes under running water at 19–29°C (66–84°F). Use a syringe to flush its connectors. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Notes

Cleaning a Video Cable or Smart Cable (Using Wipes)

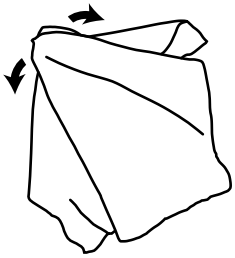
!



You must prepare the component before you clean it.

For instructions, see Preparing a Video Cable or Smart Cable for Cleaning on page 140.

1

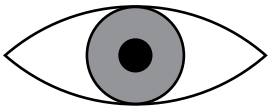


Wipe down the component.

Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need.

For specific instructions, see Table 41 on page 154. (This information varies depending on which wipes you use.)

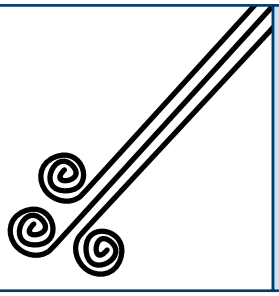
2



Examine the component to make sure all visible contamination has been removed.

If any visible contamination remains, return to Step 1.

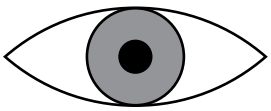
3



Dry the component.

Allow it to air dry thoroughly.

4

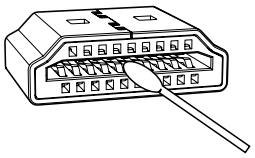


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

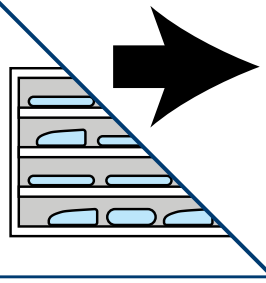
If you see any actual damage, do not use the component. Contact Verathon Customer Care.

5



Clean the HDMI connector (Smart Cable only).
Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.

6



Disinfect or sterilize the component (optional).

To disinfect, continue to Disinfecting a Video Cable or Smart Cable (Optional) on page 157.

To sterilize, continue to Sterilizing a Video Cable or Smart Cable (Optional) on page 170.

Otherwise, store the component in a clean environment.

CAUTION

Do not return GlideScope system components to their storage locations until they have been thoroughly cleaned, and disinfected or sterilized if appropriate. Returning contaminated components to these locations increases the risk of infection.

Reference Information (Wipes)

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when cleaning the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 41. Cleaning Wipes for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Tristel Trio Wipes System	Cleaning	Titanium Video Cable	3000	**Exposure:** Use 2 or more pre-cleaning towelettes to remove all visible contamination from the component. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Metrex CaviWipes	Cleaning	Titanium Video Cable	3000	**Exposure:** Remove all visible contamination from the component. Use fresh towelettes to wet all surfaces on the component and keep them wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Metrex CaviWipes1	Cleaning	Titanium Video Cable	3000	**Exposure:** Use 3 or more towelettes to remove all visible contamination from the component. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	

Table 41. Cleaning Wipes for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
PDI Sani-Cloth Bleach Germicidal Disposable Wipes	Cleaning	Titanium Video Cable	1500	**Exposure:** Use a fresh wipe to remove any heavy soil, and then use a new wipe to wet all surfaces of the component thoroughly. Keep all surfaces of the component visibly wet for at least 4 minutes, using additional wipes as needed. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable		
WIP'ANIOS PREMIUM	Cleaning	Titanium Video Cable	3000	**Exposure:** Use a new wipe to remove all visible contamination from the component, and then use fresh wipes to wet all surfaces of the component. Use additional wipes as needed to keep the component visibly wet for 5 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Clinell Universal Wipes	Cleaning	Titanium Video Cable	3000	**Exposure:** Use a new wipe to remove all visible contamination from the component, and then use fresh wipes to wet all surfaces of the component. Use additional wipes as needed to keep the component visibly wet for 5 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	

Table 41. Cleaning Wipes for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
PDI Sani-Cloth Active Wipes	Cleaning	Titanium Video Cable	3000	**Exposure:** Use a new wipe to remove all visible contamination from the component, and then use fresh wipes to wet all surfaces of the component. Use additional wipes as needed to keep the component visibly wet for 5 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
PDI Sani-Cloth AF3 Germicidal Disposable Wipes	Cleaning	Titanium Video Cable	3000	**Exposure:** Use a new wipe to remove all visible gross soil, and then use fresh wipes to wet all surfaces of the component. Use additional wipes as needed to keep the component visibly wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Core Video Cable	1500	
		Spectrum Smart Cable	1500	
		Core Smart Cable	1500	

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 3. Disinfecting a Video Cable or Smart Cable (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

Please read the Warnings & Cautions section before performing the following task.

Follow this procedure to disinfect a video cable or Smart Cable.

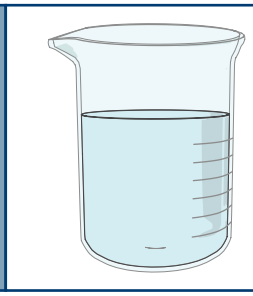
Before You Begin

Before disinfecting the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the previous section, Cleaning a Video Cable or Smart Cable.
- Do **not** attempt to place protective caps over the connectors on video cables or Smart Cables. These components are designed to be immersed completely without the use of any protective caps, and Verathon does not provide caps for them.

Disinfecting a Video Cable or Smart Cable (Using a Liquid)

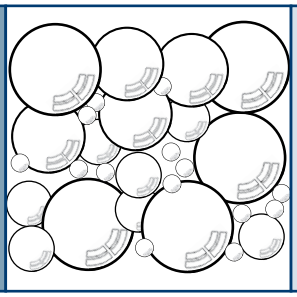
1



Prepare the disinfectant solution.

For concentration, temperature, and other preparation instructions, see Table 42 on page 160.

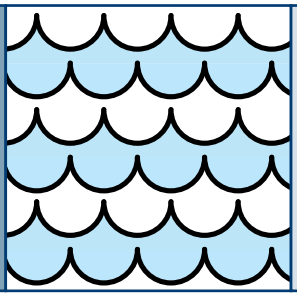
2



Expose the component to the disinfectant solution.

For exposure time, temperature, and other specific instructions, see Table 42 on page 160. (This information varies depending on which disinfectant you use.)

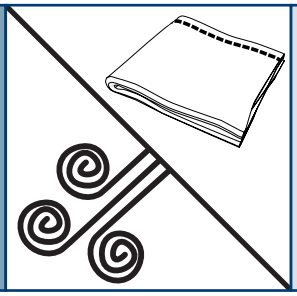
3



Rinse the component to remove the disinfectant solution.

For rinse time, temperature, and other rinsing instructions, see Table 42 on page 160. (This information varies depending on which disinfectant you use.)

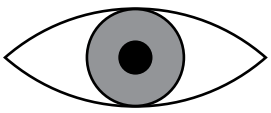
4



Dry the component.
Use hospital-grade clean air to blow remaining moisture out of the connectors, and then dry the component using one of the following:

- Hospital-grade clean air
- A clean, lint-free cloth

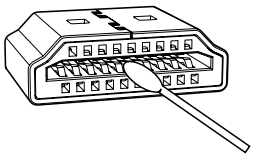
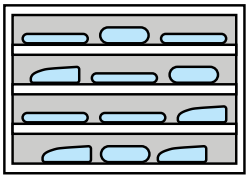
5



Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

If you see any actual damage, do not use the component. Contact Verathon Customer Care.

6		**Clean the HDMI connector** (Smart Cable only). Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
7		**Store the component** in a clean environment.

Reference Information (Liquids)

Verathon has validated the products in Table 42 for both chemical compatibility and biological efficacy when disinfecting the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

IMPORTANT

When applying high-level disinfection to a video cable or Smart Cable, you may use a Cantel (MEDIVATORS) CER Optima 1 & 2 AER, DSD-201 AER, or SSD-102 AER system, provided that you meet the following requirements:

- Use an approved high-level disinfectant from Table 42.
- Use a disinfectant that is compatible with the Cantel system. For more information about chemical compatibility, contact Cantel.
- Follow the processing conditions provided in Table 42, including temperature, exposure, and concentration, for the disinfectant you use.
- Do not expose the component to temperatures exceeding 60°C (140°F) on any cycle.

In the following table, the term *pure water* refers to water that is suitable for disinfection according to local regulations and your medical facility.

Table 42. Disinfection Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
STERIS S40 or S20	High	Titanium Video Cable	600	Use standard cycles in the following processors: SYSTEM 1E (in U.S.) STERIS SYSTEM 1 (outside U.S.) SYSTEM 1 EXPRESS (outside U.S.) SYSTEM 1 PLUS (outside U.S.) **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	750	

Table 42. Disinfection Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
STERIS Resert XL HLD† Revital-Ox Resert XL HLD† Revital-Ox Resert HLD/ Chemosterilant†	High	Titanium Video Cable	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 8 minutes, ensuring that all air bubbles are removed from its surfaces. **Rinse:** Immerse the component once, for 1 minute, with agitation in pure water. Ensure that the connector is properly rinsed. **Return to the previous procedure** and complete the remaining steps there.
ASP CIDEX OPA Disinfectant	High	Titanium Video Cable	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 10 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
		Core Video Cable	1500	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength, after confirming the concentration with CIDEX OPA test strips. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Use a fresh batch of pure water for each immersion. **Return to the previous procedure** and complete the remaining steps there.
		Core Smart Cable	1500	
Metrex MetriCide OPA Plus	High	Titanium Video Cable	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 10 minutes, ensuring that all air bubbles are removed from its surfaces. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	

Table 42. Disinfection Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Cantel (MEDIVATORS) Rapicide OPA/28	High	Titanium Video Cable	3000	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 10 minutes, ensuring that all air bubbles are removed from its surfaces. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Anios OPASTER'ANIOS/ Farmec OPASTER	High	Titanium Video Cable	3000	**Exposure:** Soak the component at room temperature for 30 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Ensure that any exposed connectors are rinsed properly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
		Core Video Cable	1500	**Exposure:** Soak the component at a temperature of 20°C (68°F) or higher for 12 minutes, ensuring that all air bubbles are removed from its surfaces. Use the solution at full strength, after confirming the concentration with CIDEX OPA test strips. **Rinse:** Immerse the component in pure water 3 times, for 1 minute each time, with agitation. Ensure that any exposed connectors are rinsed properly. **Return to the previous procedure** and complete the remaining steps there.
		Core Smart Cable	1500	

Table 42. Disinfection Solutions for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Metrex MetriCide 28†	High	Titanium Video Cable	3000	**Exposure:** Soak the component for 20 minutes at 25°C (77°F), ensuring that all air bubbles are removed from its surfaces. **Rinse** the component in pure water at 33–40°C (91–104°F). Immerse it 3 times, for 1 minute each time, while agitating, flushing, and brushing with a sterile, soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.
Sultan Healthcare Sporox II	High	Titanium Video Cable	3000	**Exposure:** Soak the component for 30 minutes at 20°C (68°F), ensuring that all air bubbles are removed from its surfaces. After the 30-minute soak, flush connectors and other recesses on the component, and then brush the component with a sterile, soft-bristled brush. After flushing and brushing the component, soak it for an additional 30 minutes. **Rinse** the component in pure water at 33–40°C (91–104°F). Immerse it 3 times, for 3 minutes each time, while flushing and brushing with a sterile, soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.

Table 42. Disinfection Solutions for Video Cables and Smart Cables

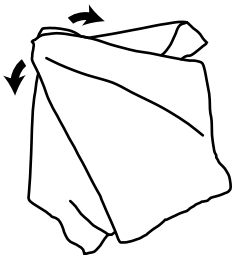
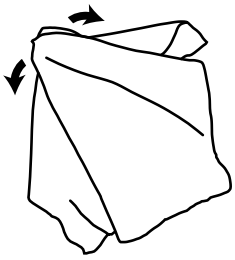
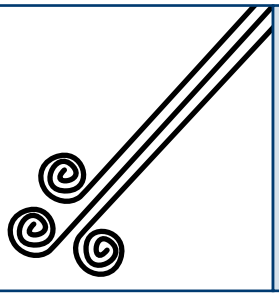
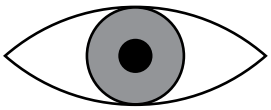
PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
ASP CIDEX Activated Dialdehyde Solution (ADS)	High	Titanium Video Cable	3000	**Exposure:** Soak the component for 45 minutes at 25°C (77°F), ensuring that all air bubbles are removed from its surfaces. **Rinse** the component in pure water at 33–40°C (91–104°F)**.** Immerse it 3 times, for 1 minute each time, while agitating, flushing, and brushing with a sterile, soft-bristled brush. **Return to the previous procedure** and complete the remaining steps there.
Cantel (MEDIVATORS) Rapicide PA 30°C	High	Titanium Video Cable	100	**Concentration:** 850±100 parts per million **Exposure:** Process the component for 5 minutes at 30°C (86°F) in a Cantel Advantage Plus or DSD Edge AER system with the following configuration: • Hookup: 2-8-002HAN Rev. B • Parameter: 1-24-010 C DISF **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	100	

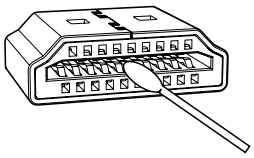
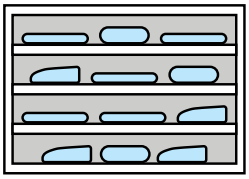
* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

† *This chemical may cause discoloration of metal components, but the discoloration does not affect system efficacy or functionality.*

Notes

Disinfecting a Video Cable or Smart Cable (Using Wipes)

1		**Wipe down the component**. Wipe again as many times as necessary to keep the component visibly wet for the entire exposure period. You may use as many wipes as you need. For specific instructions, see Table 43 on page 168. (This information varies depending on which wipes you use.)
2		**Rinse the component** to remove any disinfectant residue, if necessary. To determine whether rinsing is required with the wipes you use, see Table 43 on page 168.
3		**Dry the component**. Allow it to air dry thoroughly.
4		**Examine the component** to make sure it is not damaged. Metal discoloration and minor scratches are part of normal wear and tear. If you see any actual damage, do not use the component. Contact Verathon Customer Care.

5		**Clean the HDMI connector** (Smart Cable only). Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.
6		**Store the component** in a clean environment.

Reference Information (Wipes)

Verathon has validated the products in Table 43 for both chemical compatibility and biological efficacy when disinfecting the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 43. Disinfection Wipes for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
PDI Sani-Cloth Bleach Germicidal Disposable Wipes	Low	Titanium Video Cable	1500	**Exposure:** Use a new wipe to remove all visible gross soil, and then use fresh wipes to wet all surfaces of the component. Use additional wipes as needed to keep the component visibly wet for 4 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
PDI Sani-Cloth AF3 Germicidal Disposable Wipes	Low	Titanium Video Cable	3000	**Exposure:** Wet all surfaces of the component and keep them wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
		Core Video Cable	1500	
		Core Smart Cable	1500	

Table 43. Disinfection Wipes for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
Clinell Universal Wipes	Low	Titanium Video Cable	3000	**Exposure:** Wet all surfaces of the component and keep them wet for 6 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Clorox Bleach Germicidal Wipes	Low	Titanium Video Cable	3000	**Exposure:** Wet all surfaces of the component and keep them wet for 3 minutes. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Metrex CaviWipes1	Low	Titanium Video Cable	3000	**Exposure:** Wet all surfaces of the component and keep them wet for 1 minute. **Dry:** Allow the component to air dry thoroughly. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	
Tristel Trio Wipes System	High	Titanium Video Cable	3000	**Exposure:** Apply 2 pumps of the activator foam to a sporocidal towelette, and then knead the foam into the towelette for 15 seconds. Wet all surfaces of the component and allow it to remain wet for 30 seconds. **Rinse:** Use a rinse towelette to wipe all surfaces of the component. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	1500	

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Procedure 4. Sterilizing a Video Cable or Smart Cable (Optional)

WARNING

Make sure each component is completely clean before you disinfect or sterilize it. If it is not, the disinfection or sterilization procedure may not remove all contamination. This increases the risk of infection.

CAUTION

Do not expose any GlideScope system component to temperatures above 60°C (140°F), and do not use autoclaves or other heat sterilization systems, except as described in this manual. Exposure to excess heat causes permanent device damage and voids the warranty.

Please read the Warnings & Cautions section before performing the following tasks.

Sterilization of the video cable or Smart Cable is optional. However, your medical care facility or provider may require you to sterilize these components before using them. Follow this procedure to sterilize a video cable or Smart Cable.

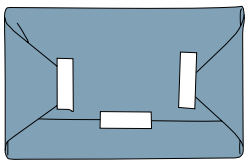
Before You Begin

Before sterilizing the component, make sure to do the following things:

- Clean the component according to the instructions and standards in the earlier section, Cleaning a Video Cable or Smart Cable.
- Inspect the component after cleaning, as specified in the section Cleaning a Video Cable or Smart Cable. If it is damaged beyond the level of normal wear, do not use it again. Instead, contact Verathon Customer Care.
- Do **not** attempt to place protective caps over the connectors on video cables or Smart Cables. These components are designed to be sterilized without the use of any protective caps, and Verathon does not provide caps for them.

Sterilizing a Video Cable or Smart Cable

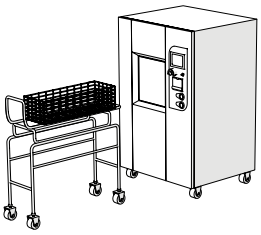
1



Package the component in a pouch, wrap, or other enclosure, if appropriate.

For the appropriate type of package for your sterilization system, see the manufacturer's instructions and Table 44 on page 173.

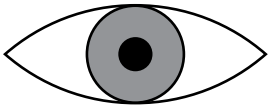
2



Sterilize the component.

For compatible cycle settings and other specific information, see Table 44 on page 173. For additional information, see the manufacturer's instructions for the sterilization system.

3

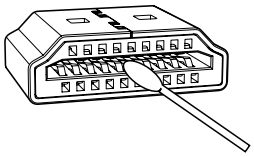


Examine the component to make sure it is not damaged.

Metal discoloration and minor scratches are part of normal wear and tear.

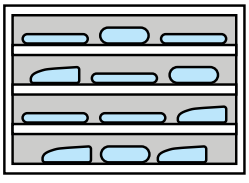
If you see any actual damage, do not use the component. Contact Verathon Customer Care.

4



Clean the HDMI connector (Smart Cable only).
Use a small cotton swab moistened with isopropyl alcohol to clean the contacts on the HDMI connector.

5



Store the component in an environment that is suitable for sterile equipment.

Reference Information

Verathon has validated the products in this table for both chemical compatibility and biological efficacy when sterilizing the indicated component(s) as instructed in the Conditions column.

IMPORTANT

Concentrations, temperatures, times, and specific directions shown in the following table are based on testing performed by Verathon. If this information is different from the manufacturer's instructions for the reprocessing product you are using, follow the information shown in the table.

IMPORTANT

For a complete list of compatible reprocessing products, see the table at verathon.com/service-and-support/glidescope-reprocessing-products.

Table 44. Sterilization Products for Video Cables and Smart Cables

PRODUCT	DISINFECTION LEVEL	COMPONENT	CYCLES*	CONDITIONS
STERIS S40 or S20	Sterilization	Titanium Video Cable	600	Use standard cycles in the following processors: SYSTEM 1E (in U.S.) STERIS SYSTEM 1 (outside U.S.) SYSTEM 1 EXPRESS (outside U.S.) SYSTEM 1 PLUS (outside U.S.) No packaging is required. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	750	
STERIS V-PRO systems with Vaprox HC	Sterilization	Titanium Video Cable	125	Insert the component into a Tyvek pouch, and then use the non-lumen cycle in any STERIS Amsco V-PRO low-temperature sterilization system. **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	100	
ASP Hydrogen Peroxide Gas Plasma	Sterilization	Titanium Video Cable	125	Insert the component into a Tyvek pouch, and then sterilize it in one of the following processors: STERRAD 100S (in U.S.) STERRAD 100S short cycle (outside U.S.) STERRAD NX standard cycle STERRAD 100NX standard cycle STERRAD 50 STERRAD 200 short cycle **Return to the previous procedure** and complete the remaining steps there.
		Spectrum Smart Cable	100	

* *Value indicates number of compatibility cycles tested on the component. Exceeding the recommended number of cycles may affect the potential life of the product.*

Glossary

The following table provides definitions for specialized terms used in this manual or on the product itself. For a full list of caution, warning, and informational symbols used on this and other Verathon products, please refer to the Verathon Symbol Directory at verathon.com/service-and-support/symbols.

TERM	DEFINITION
AER	Automated endoscope reprocessor
C	Celsius
CFR	Code of Federal Regulations (U.S.)
cm	Centimeter
CSA	Canadian Standards Association
DL	Direct laryngoscopy
Essential performance	The system performance necessary to achieve freedom from unacceptable risk
F	Fahrenheit
g	Gram
HDMI	High-definition multimedia interface
hPa	Hectopascal
in	Inch
IPA	Isopropyl alcohol
ISO	International Standards Organization.
kPa	Kilopascal
L	Liter
lbs	Pounds
m	Meter
MDD	Medical Device Directive
mL	Milliliter
mm	Millimeter
mmHg	Millimeters of mercury
MSDS	Material Safety Data Sheet
OSHA	Occupational Safety and Health Administration (federal agency in U.S.)
psia	Pounds per square inch absolute
reprocessing	Preparing a reusable component for its next use. Reprocessing includes cleaning, disinfection, and sterilization as appropriate.
RH	Relative humidity
SDS	Sodium dodecyl sulphate

verathon