

Yo Dude™ This is my mainbooktitle

Test booktitlealt 1 - manual type

Test booktitlealt 2 - software/hardware version

Test booktitlealt 3 - use case?



2088535-010  
Revision 1.2  
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Table 8	PREREQUISITES . . . . .	0
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Table 13	PREREQUISITES . . . . .	0

# My main topic™

Short description here for US431.

Hi There!

```
<variable name="General_Monospace_Font">monospace</variable>
<variable name="General_Bullet_Font">$General_Serif_Font</variable>
<variable name="General_Text_Font">$General_Serif_Font</variable>
<variable name="General_Title_Font">$General_Sans_Serif_Font</variable>
<variable name="General_Region_Before_Font">$General_Serif_Font</variable>
<variable name="General_Region_After_Font">$General_Serif_Font</variable>
<variable name="General_Cmd_Font">$General_Sans_Serif_Font</variable>
<variable name="General_Step_Label_Font">GE Inspira Sans</variable>
```

## Testing the apiname element

This is normal text. This text is wrapped in a `apiname` element. This is normal text.

## Testing the cmdname element

This is normal text. This text is wrapped in a `cmdname` element. This is normal text.

## Testing the uicontrol and menucascade element

This is normal text. This text is wrapped in a ***uicontrol*** element. This is normal text.

This is normal text. The following text is the uicontrol element wrapped in a menucascade element  
***uicontrol 1 > uicontrol 2 > uicontrol 3***. This is normal text.

## Testing the wintitle element

This is normal text. ***This text is wrapped in a wintitle element.*** This is normal text.

## This is a section title

For more than 20 years, GE's Advantage Workstation (AW) engineers have developed diagnostic applications that have lead to a robust clinical workstation across all areas of care-oncology, cardiac, neurology, gastroenterology, orthopedic and vascular. Radiologists' and clinicians' desire for a deeper understanding of pathological processes has led to a shift from a mere anatomical approach to medical imaging, to one that includes functional and quantitative analysis. This approach to diagnostic imaging has led to an explosion in the quantity of data clinicians must review, manage, and interpret. Recent information technology advances can help address the challenges of large image data management by offering new opportunities for the mobility of data, remote consultations, and access to information from virtually anywhere there is an available internet connection.

## Another section title

The migration from analog to digital and the elimination of film has led to radiology groups creating remote reading rooms where radiologists read for more than one institution. In Feb 2010, Toda Central Medical Group (TMG) opened a remote reading/ interpretation center "Sai Teramedo". The

center reads for 15 facilities, including a screening center at Toda Central General Hospital, Atami Tokoro Memorial Hospital, and Shin Niiza Shiki Central General Hospital.

**Table 1 My pretty table 2**

Column 1	Column 2
Row 1	1
Row 2	2
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

## Sub topic

Short description here for US431.

**Table 2 My pretty table**

Column 1	Column 2
Row 1	1
Row 2	2
3	
4	
5	

My pretty table continued	
Column 1	Column 2
6	
7	
8	
9	
10	
11	

**Figure 1 Nerd Alert!****Sub<sup>3</sup> topic**

Short description here for US431.

Dude, this is deep!

**Dude level Four**

Short description here for US431.

Square bullet anyone?

**NOTE**

This is a note with some bullets.

- bullet 1
- bullet 2
- bullet 3
- SDAs
- SDAs
- SDAs
  - sdgsdfg

- sdgsdfg
- sdgsdfg
- sdgsdfg
  - fgsgdfg
  - fgsgdfg
  - fgsgdfg
  - fgsgdfg
- SDAs



# Another main topic

Hi There!

Table 3 Dude!

Row 1	Row 2

No outputclass. See .

number-page. See .

page-only. See .

See .

No outputclass. [My main topic™ on page 1](#)

outputclass="title-only" [My main topic™ on page 1](#)

outputclass="page-only" [My main topic™ on page 1](#)

[This is a section title on page 1](#)

outputclass="title-only" [This is a section title on page 1](#)

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outputclass="title-only"

outputclass="page-only"

[Another section title on page 1](#)

[Sub<sup>3</sup> topic on page 3](#)

[Dude level Four on page 3](#)

[Table 3 on page 5](#)

outputclass="title-only" [Table 3 on page 5](#)

outputclass="page-only" [Table 3 on page 5](#)

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**RELATED TOPICS**

[My main topic™ on page 1](#)

[Sub<sup>3</sup> topic on page 3](#)

[Dude level Four on page 3](#)

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# US459 Footnote test

This is a footnote within a p element.<sup>\*1</sup>

## NOTE

This is a footnote within a note.<sup>\*2</sup>

row 1 col 1 <sup>*1</sup>	row 1 col 2
row 2 col 1 p element here. <sup>*2</sup>	row 2 col 2

<sup>\*1</sup> This is a footnote inside a table.

<sup>\*2</sup> This is a footnote inside a p within a table.

- This is a list.
- Item 1
- Item 2
- Item 3<sup>\*3</sup>
- Item 4

## US459 Footnote task

This is my shortdescription for US431.

This is the context.

1. This is a footnote inside a cmd element.<sup>\*4</sup>  
This is a fn inside a info element.<sup>\*5</sup>

<sup>\*1</sup> Dude! This is a p element.

<sup>\*2</sup> Dude! This is a note element.

<sup>\*3</sup> This is a footnote in a list item.

<sup>\*4</sup> Dude! This is a fn in a cmd element.

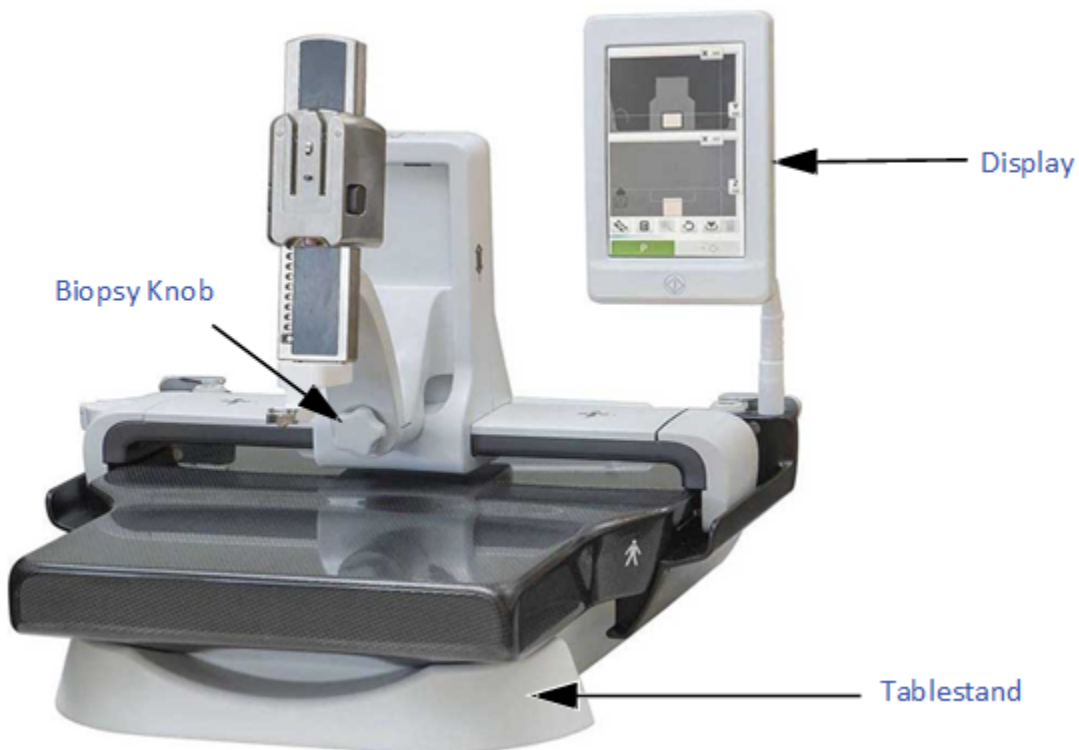
<sup>\*5</sup> Dude! This is a fn in an info element.

# US458 SVG Imagemaps

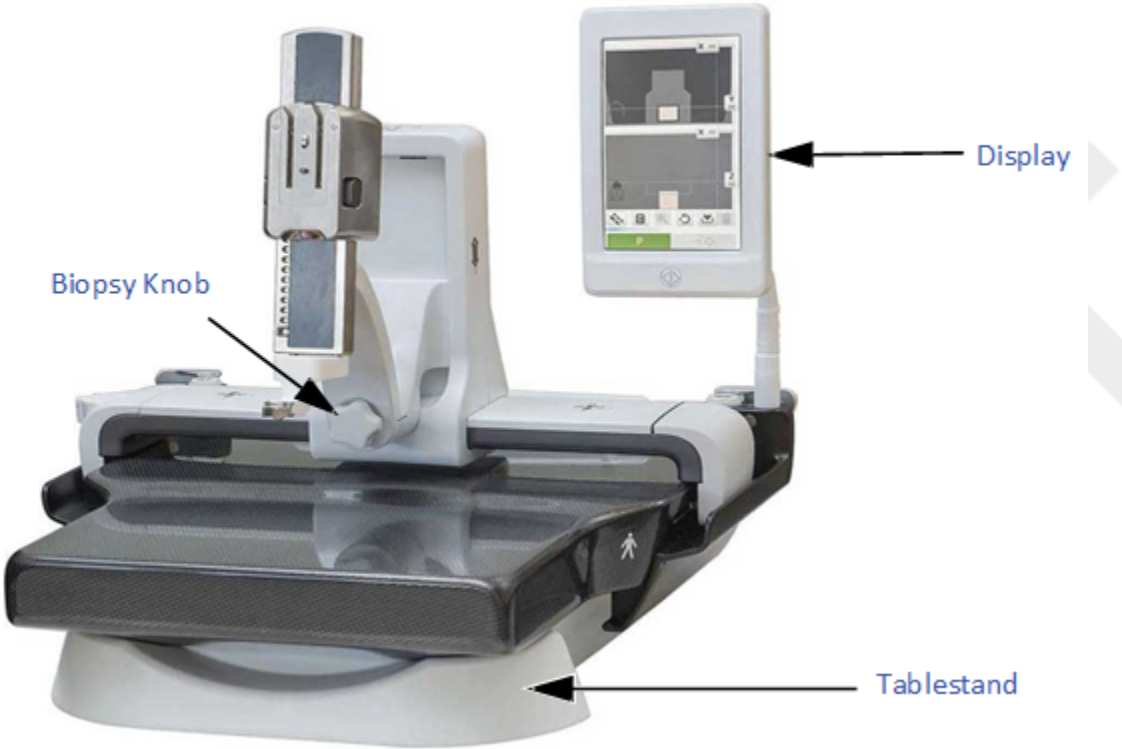
## FRU/Component Location

\*\*\* Imagemap below with figure title. \*\*\*

**Figure 2 BIOPSY POSITIONER**

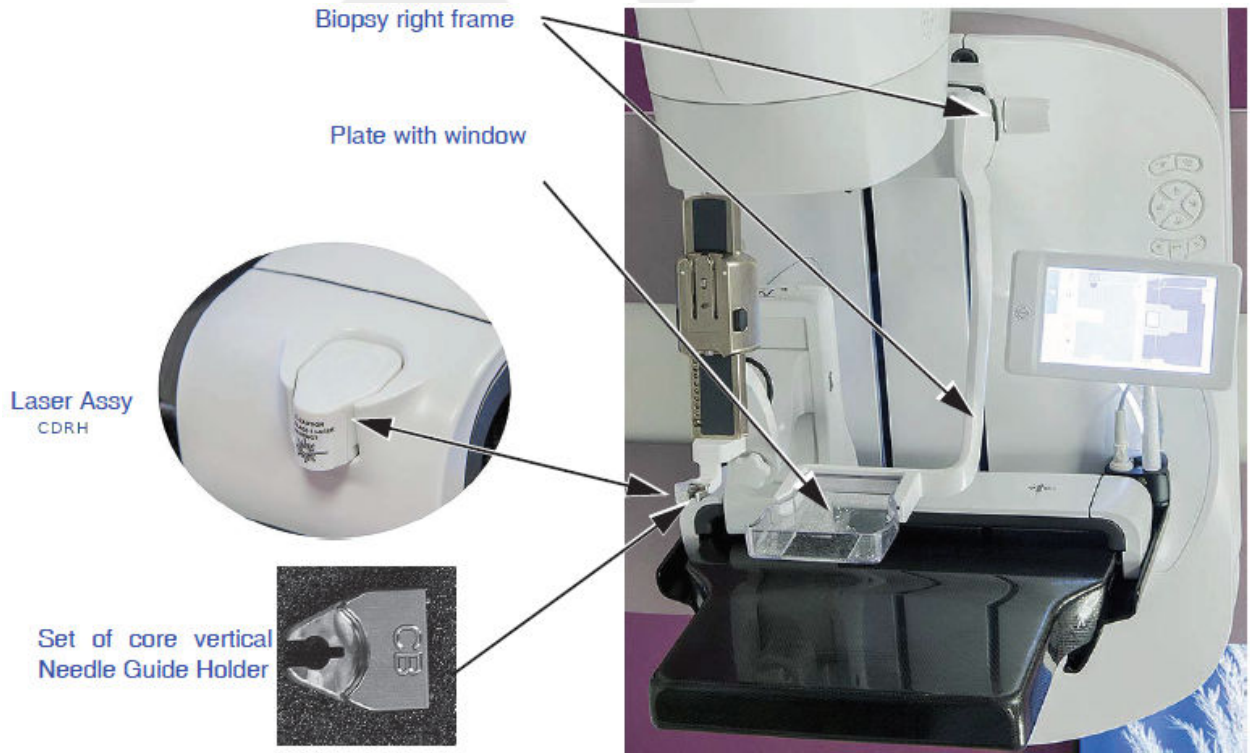


\*\*\* figure Imagemap below with no title. \*\*\*



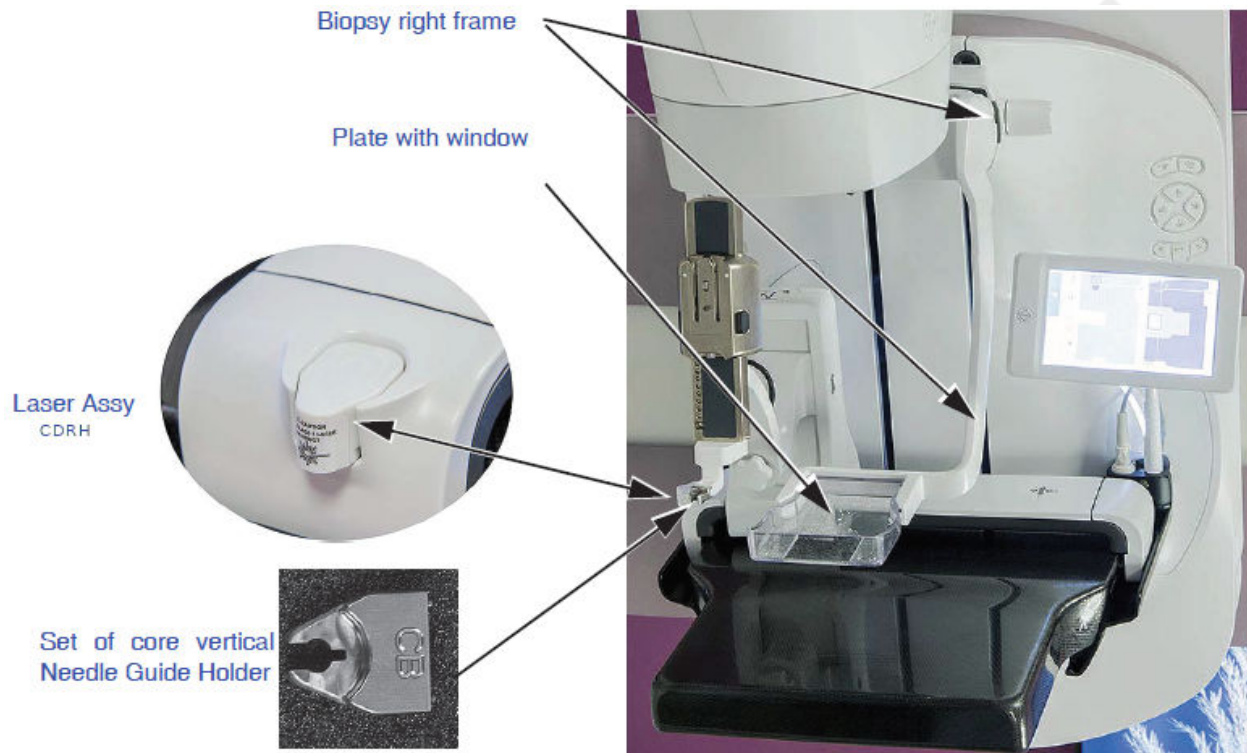
\*\*\* Imagemap below with figure title. \*\*\*

**Figure 3 BIOPSY VERTICAL APPROACH**



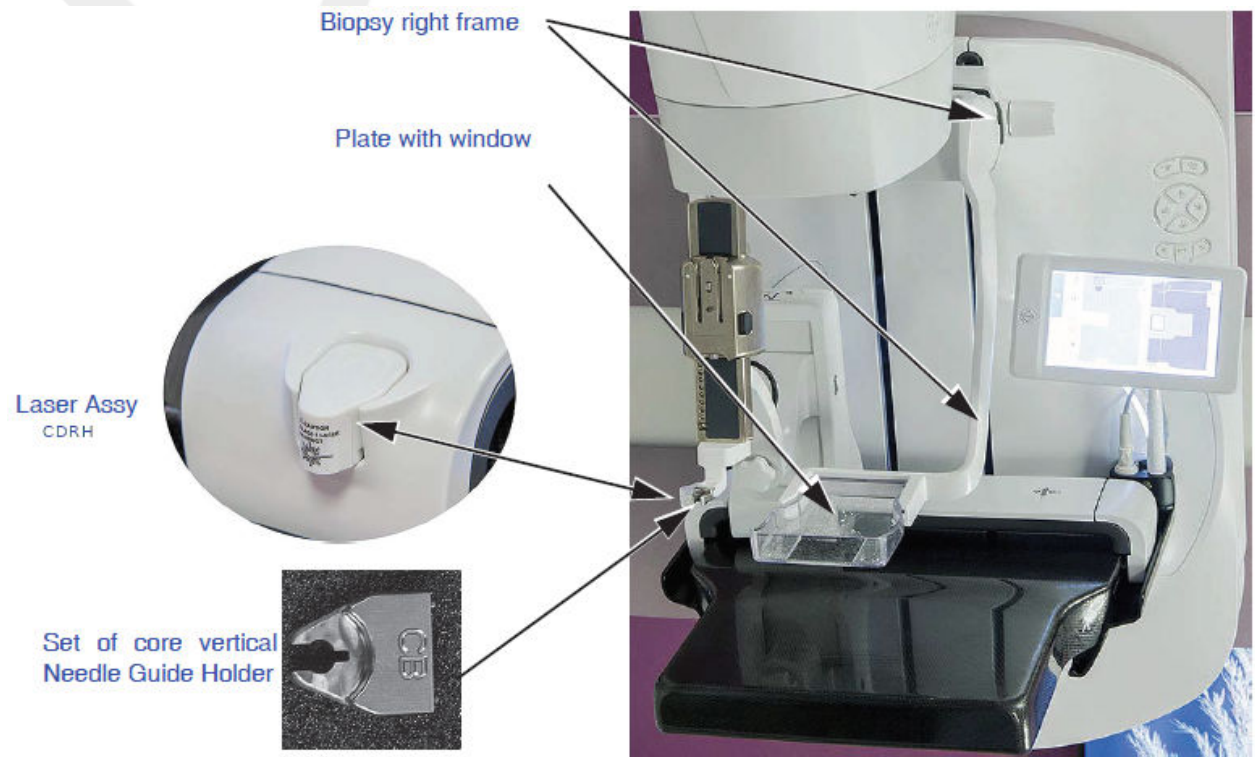
*Text blurb to test margins.* To avoid damaging or dropping the Biopsy Positioner, set the Gantry arm to an appropriate height before inserting/removing it. Be prepared for the extra weight by grasping it firmly by both handles. *Text blurb to test margins.*

\*\*\* figure Imagemap below with no title. \*\*\*

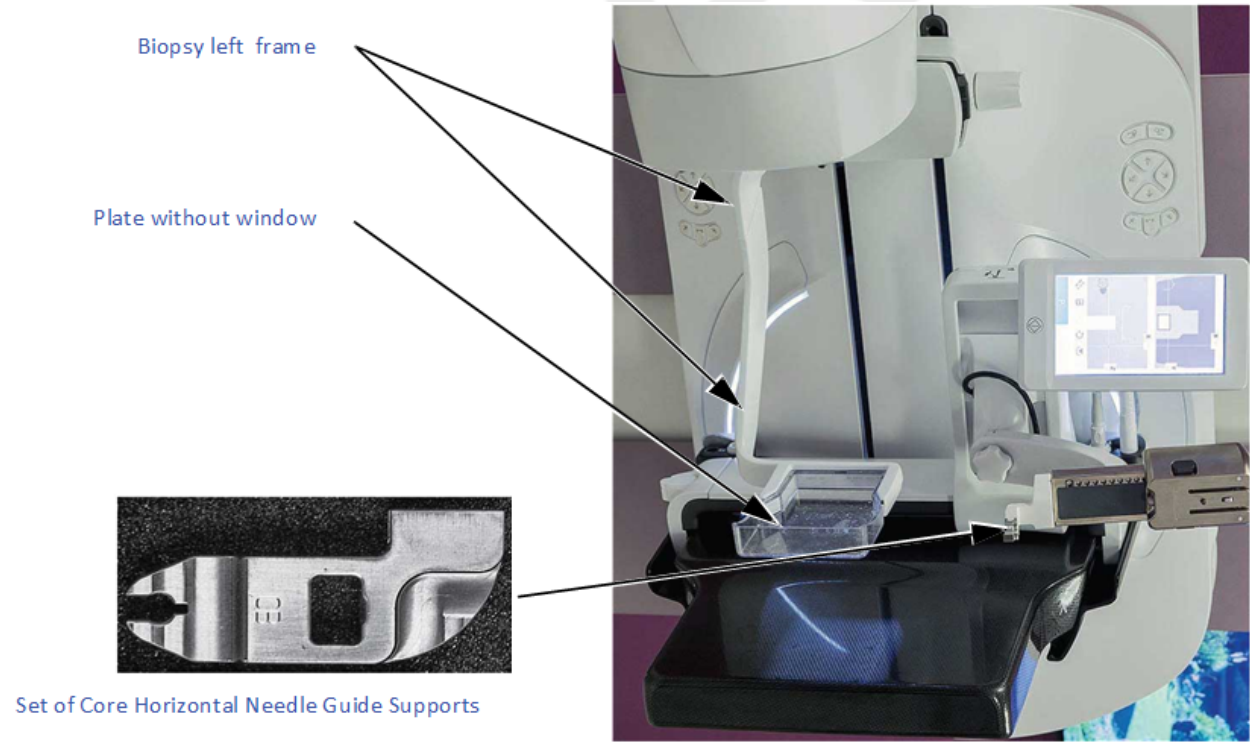


*Text blurb to test margins.* To avoid damaging or dropping the Biopsy Positioner, set the Gantry arm to an appropriate height before inserting/removing it. Be prepared for the extra weight by grasping it firmly by both handles. *Text blurb to test margins.*

\*\*\* Imagemap below with no figure. \*\*\*

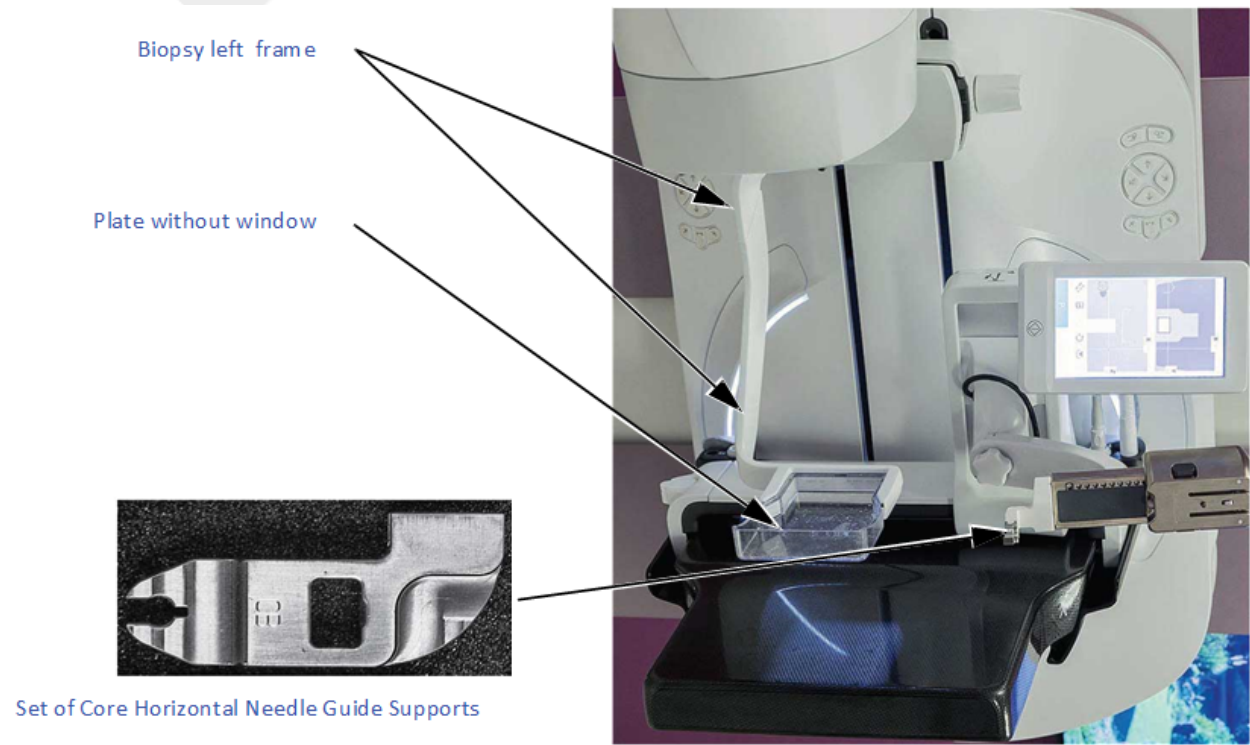


**Figure 4 BIOPSY HORIZONTAL APPROACH**





**Figure 5 BIOPSY HORIZONTAL APPROACH - Adding more text here to see what happens if the figure title is more than one line. Does it move the image even lower below the hotspots?**



\*\*\* figure Imagemap below with no title. \*\*\*

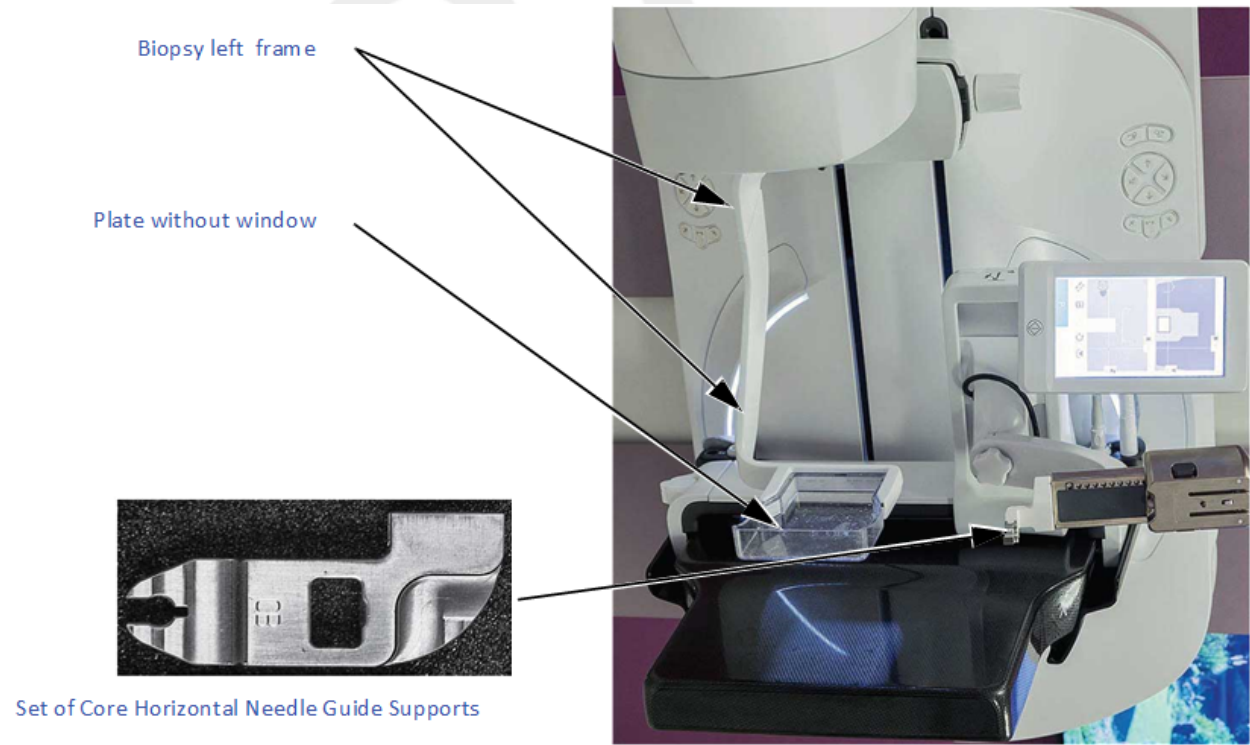
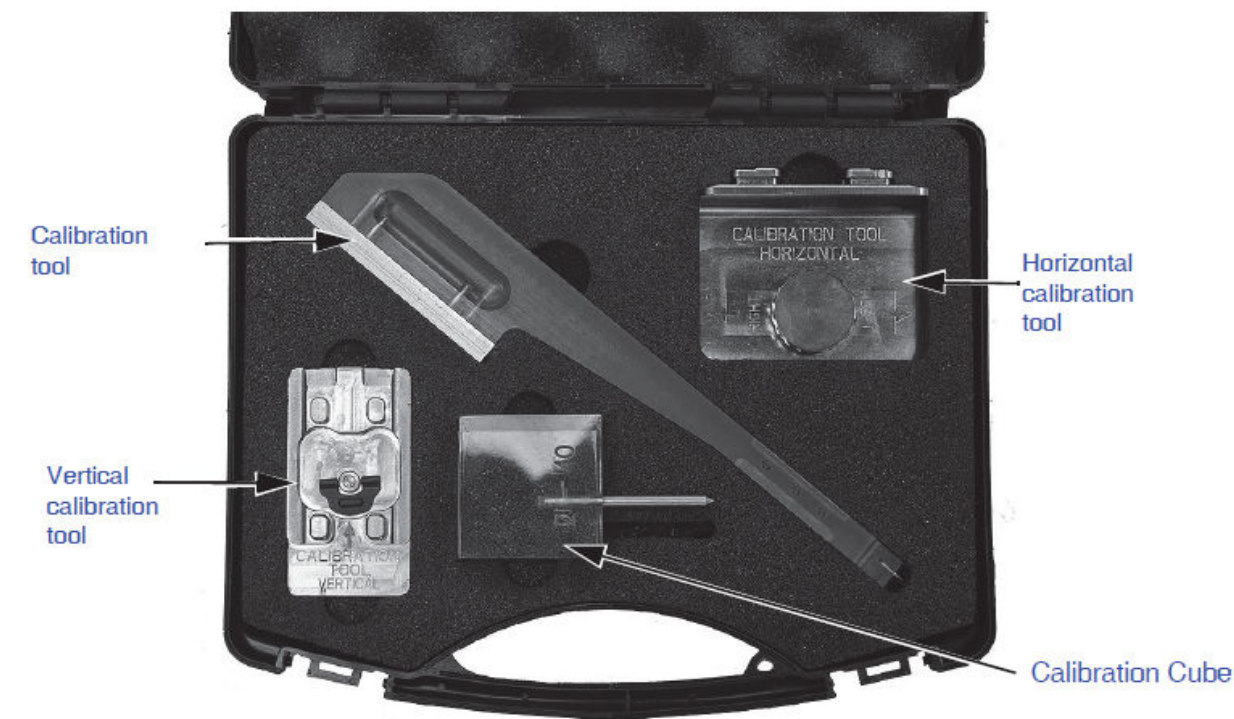
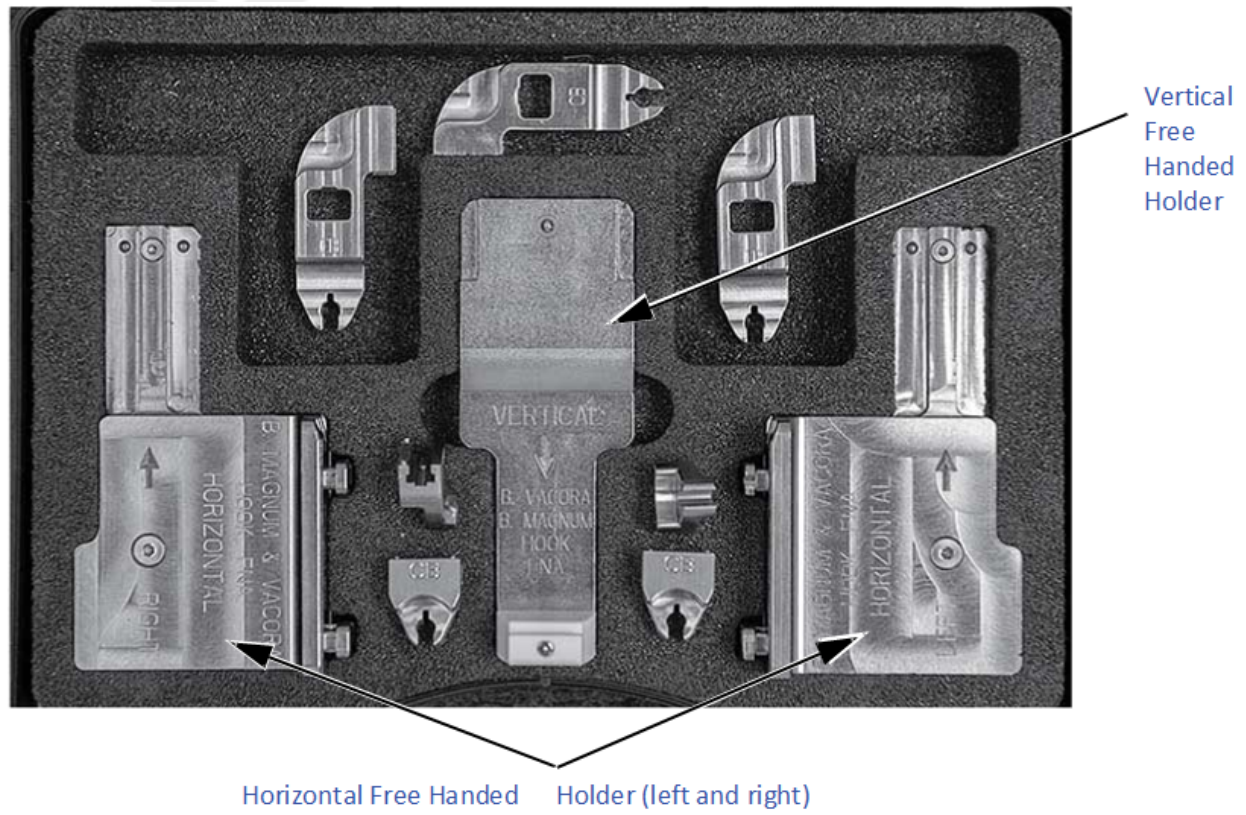


Figure 6 CALIBRATION ACCESSORIES






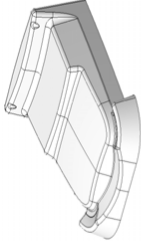


### Figure 7 FREE HANDED HOLDER







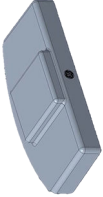
**Figure 8 OPTIONAL ACCESSORIES**



## **FRU information for the Biopsy Positioner (BP)**

Part Number for Ordering	FRU Name	Illustration	Location	Job Card
7201172	FRU Biopsy Positioner		See	Job Card D/R A001 - Biopsy Positioner on page 22
7201173	FRU Tablestand		See <i>Tablestand</i> on FRU/Component Location on page 7	
7201595	FRU Display		See <i>Display</i> on FRU/Component Location on page 7	Job Card D/R A002 - Biopsy Display on page 22
5806661	FRU Laser Assy CDRH		See <i>Laser Assy</i> on Figure 3 on page 8	
7201580	FRU Plate with window		See <i>Plate with window</i> on Figure 3 on page 8	
7201581	FRU Plate without window		See <i>Plate without window</i> on Figure 5 on page 11	




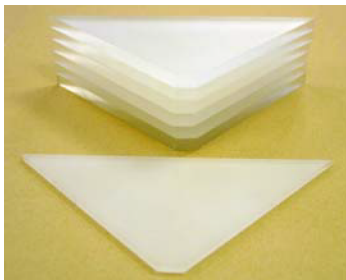
(continued)				
Part Number for Ordering	FRU Name	Illustration	Location	Job Card
7201181	FRU Biopsy Left Frame		See Biopsy Left Frame on Figure 5 on page 11	
7201182	FRU Biopsy Right Frame		See Biopsy Right Frame on Figure 3 on page 8	
7201583	FRU Vertical Free Handed Holder		See Vertical Free Handed Holder on Figure 7 on page 13	
5793221	FRU Horizontal Free Handed Holder		See Horizontal Free Handed Holder (left & right) on Figure 7 on page 13	
7201585	FRU Set of core vertical Needle Guide Holder		See Set of core vertical Needle Guide Holder on Figure 3 on page 8	
5793222	FRU Set of Core Horizontal Needle Guide Supports		See Horizontal Needle Guide Supports on Figure 5 on page 11	

(continued)				
Part Number for Ordering	FRU Name	Illustration	Location	Job Card
7201594	FRU Biopsy Knob		See Biopsy Knob on FRU/Component Location on page 7	
7201592	FRU Calibration Assy		See Calibration Assy on Figure 6 on page 12	
5582801	Core System Emergency Kit, including :			
	• System Fuse Kit			
	• Collimator PMMA Plate			
	• Door Switch Bypass			
	• Room Lamp Connector			
	• Door Switch Connector			
	• USB key (For biopsy display download)			
5803985	• USB connector (For biopsy display download)			
	Sample Imaging Plate CDRH			
5795137	Breast Spacer CDRH			
See instruction opposite site.	POS. / GENE. Software CD	Download Pristina System software release history 5776081-899 to select the software CD(s) compatible with your current system release. Refer to section <a href="#">ACCESSING RELATED PUBLICATIONS on page 21.</a>		

(continued)				
Part Num-ber for Or-dering	FRU Name	Illustration	Location	Job Card
	RECON software kit			
	AXIS software kit			

## IMAGE QUALITY TOOLS

The following sections summarize the recommended Image Quality tools (e.g. phantom, acrylic plates) that you must use to perform Image Quality measurements on the Pristina Serena™ option.

Name	P/N	Illustration	How Supplied
Strips of GAFCHROMIC® XR-M Film	5324611		FE: individual tool
Flat Field Phantom	5641619		Delivered with system
ACR Standard Phantom Compatible models: • Gammex (RMI) Model 156 • Nuclear Associates (Fluke) Model 18-220 • CIRS Model 015	Gammex (RMI) Model 156: E6322DJ (America) E63221DJ (Europe/EAGM/Asia)		FE: individual tool
Set of acrylic plates	N/A		Delivered with system

### MISCELLANEOUS TOOLS

Name	Description	Reference
Valid Service Key	Unlocks the service features specific to the FE's classification	See section <i>Tools Glossary, MISCELLANEOUS</i> in the <i>Senographe Pristina™ Service Manual</i> .





## CONSUMABLE SUPPLIES

Name	Illustration
Thread Locking Compound Loctite 222	
Air spray type “Dry Duster” with pipe	

## STANDARD MECHANICAL TOOLS

The following tools are required for servicing the Pristina Serena™ and most of these tools can represent a *Standard Tool Box* used by FEs.

Name	P/N	Illustration	Description	How Supplied
Set of wrenches / sockets	N/A		Must include at least a 12 mm socket wrench.	FE: individual tool
Set of Torx screw-drivers/male ends	N/A		Must cover at least the following sizes: <ul style="list-style-type: none"> <li>• 6</li> <li>• 10</li> <li>• 20</li> <li>• 25</li> </ul>	FE: individual tool

## ACCESSING RELATED PUBLICATIONS

Short description here for US431.

Each System is shipped with User and Service Technical Publications. These Technical Publications are available for download on a dedicated GE Website from SIMS Content Viewer.

Consult the Release Letter shipped with your system related to your system to obtain a list of all Technical Publications and Software versions applicable to the System.

Release Letters contain all the Part Numbers for Technical Publications related to your System.

Release Letters contain the following items related to your system

- All the Part Numbers for Technical Publications.

- All the subsystem software versions and global software flags
- The software FRUs references

Always use the version of the Release Letter marked "**New**" on the website "**Current**".

The Technical Publications Release Letter for this system is 5776081-899 .

This Service Manual and all other Technical Publications related to this Medical Device are available on the Internet at:

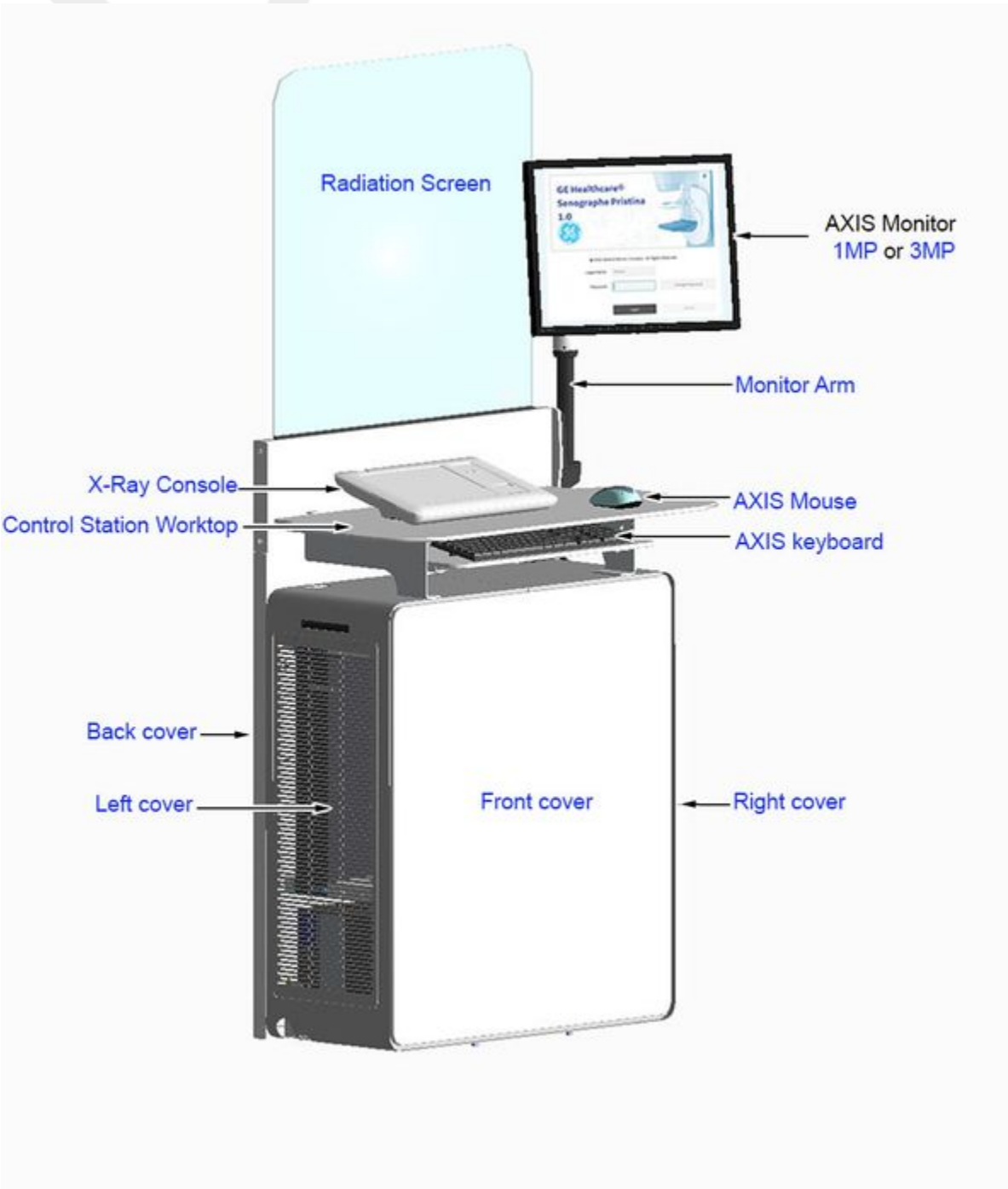
<http://apps.gehealthcare.com/servlet/ClientServlet?REQ=Enter+Documentation+Library>.

1. Search for and download the Release Letter.
  - a. Go to <http://apps.gehealthcare.com/servlet/ClientServlet?REQ=Enter+Documentation+Library>.
  - b. Enter 5776081-899 in the search field and click [Search].
  - c. Click on the underlined Filename.
  - d. In the **Copyright** window, click [ACCEPT].
  - e. Follow the instructions on the website to open or save the file.
  - f. In the Release Letter, search for the required Technical Publication (For example, Service Manual).
  - g. Copy the Part Number from the relevant cell. (For example, 5778924-8EN5778925-8EN)
2. In the Release Letter, search for the required Technical Publication (For example, Service Manual).
3. Copy the Part Number from the relevant cell. (For example, 5808127-8EN5778926-8EN).
4. Search for and download the Technical Publication.
  - a. Go back to: <http://apps.gehealthcare.com/servlet/ClientServlet?REQ=Enter+Documentation+Library>.
  - b. Enter 5778924-8EN 5778925-8EN in the search field and click [Search].
  - c. Click on the underlined Filename.
  - d. In the **Copyright** window, click [ACCEPT].
  - e. Follow the instructions on the website to open or save the file.

## Job Card D/R A001 - Biopsy Positioner

## Job Card D/R A002 - Biopsy Display

## Control Station



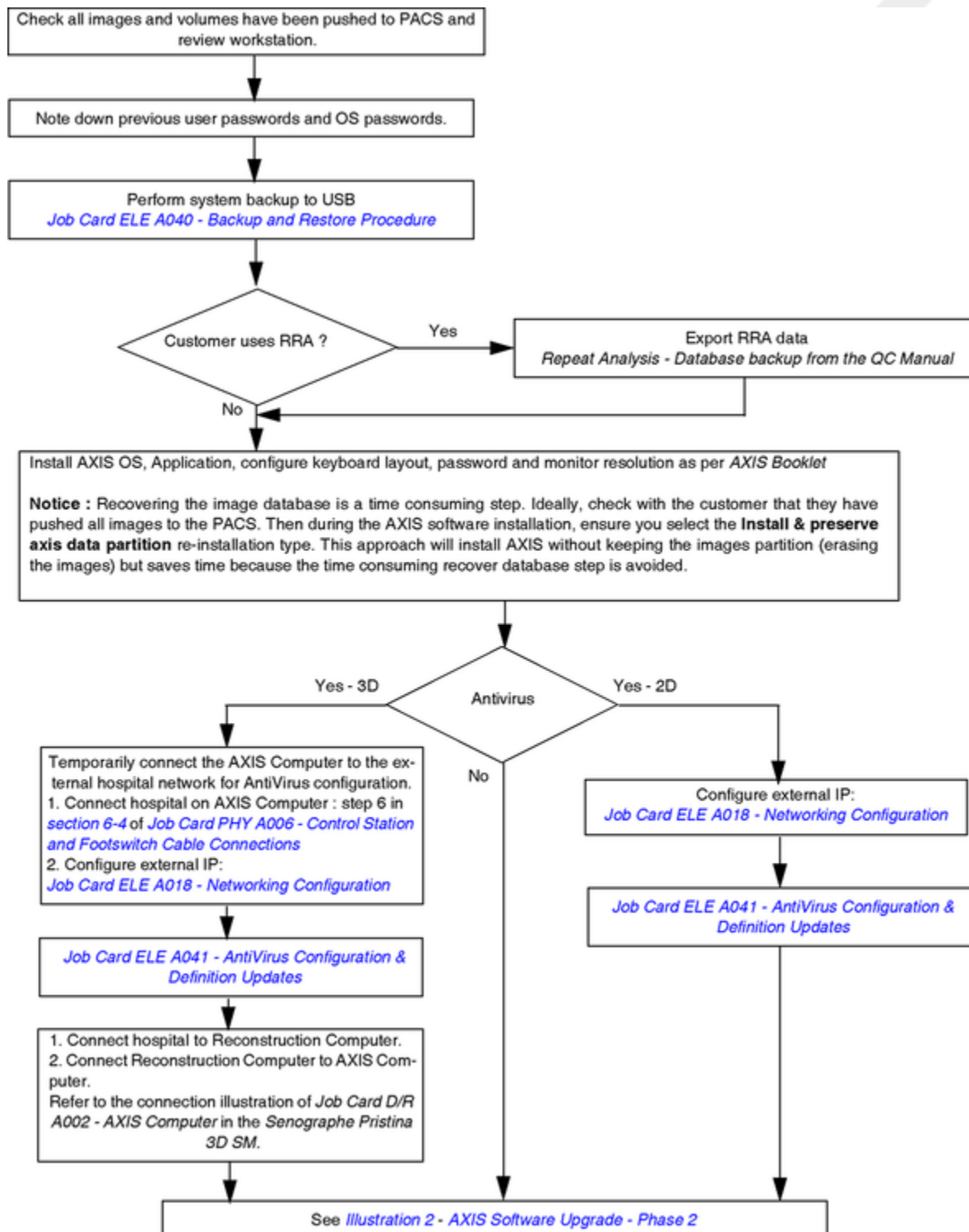
FRU/Component Index - Control Station

Component Description
X-ray Console
X-ray Handswitch (option)

(continued)
Component Description
X-ray Footswitch (option)
1 MP 19" AXIS Color Monitor
3 MP 21" Color Monitor
3 MP 21" Barco Color Monitor
AXIS Mouse
Ferrite block for Mouse or Keyboard
Bar Code Reader (option)
UPS (SMART 750VA 230V)
UPS Battery
Radiation Screen
Monitor Arm
tEntry_Control-Station-Work-Top-Assembly
tEntry_Control-Station-Back-Cover
tEntry_Control-Station-LeftSide-Cover
tEntry_Control-Station-Front-Cover-with-cut-out
tEntry_Control-Station-Right-Side-Cover
tEntry_10-Language-keyboards

# PROCEDURE

**Figure 9 AXIS SOFTWARE UPGRADE - PHASE 1**



**Figure 10 AXIS SOFTWARE UPGRADE - PHASE 2**

No fig. Just xref target.

**Job Card ELE A040 - Backup and Restore Procedure**

Job Card ELE A040 - Backup and Restore Procedure

**Secure, Route and Connect Hospital Network Cable to Control Station**

Short description here for US431.

The customer must provide an Ethernet cable with appropriate (length and data rate) specifications, so that the Control Station can be connected to the Hospital network.

1. Connect the Ethernet cable to the network patch panel located in the room.
2. Route the Ethernet cable from the network patch panel, along the Gantry conduit. Use cable ties as necessary to secure the Ethernet cable to the Gantry conduit.
3. Route the end of the Ethernet cable through the hole (1) in the side of the Control Station. The Ethernet cable must be routed on the same side of the Control Station as the Gantry conduit (2).
4. Route the end of the Ethernet cable into the close proximity of the AXIS Computer rear panel.
5. If there is excess Ethernet cable, reduce its length by creating a figure-of-eight, then leave the excess figure-of-eight in the base of the Control Station.
6. Connect the Ethernet cable to the appropriate AXIS Computer Ethernet port (3).

**Job Card ELE A041 - AntiVirus Configuration & Definition Updates**

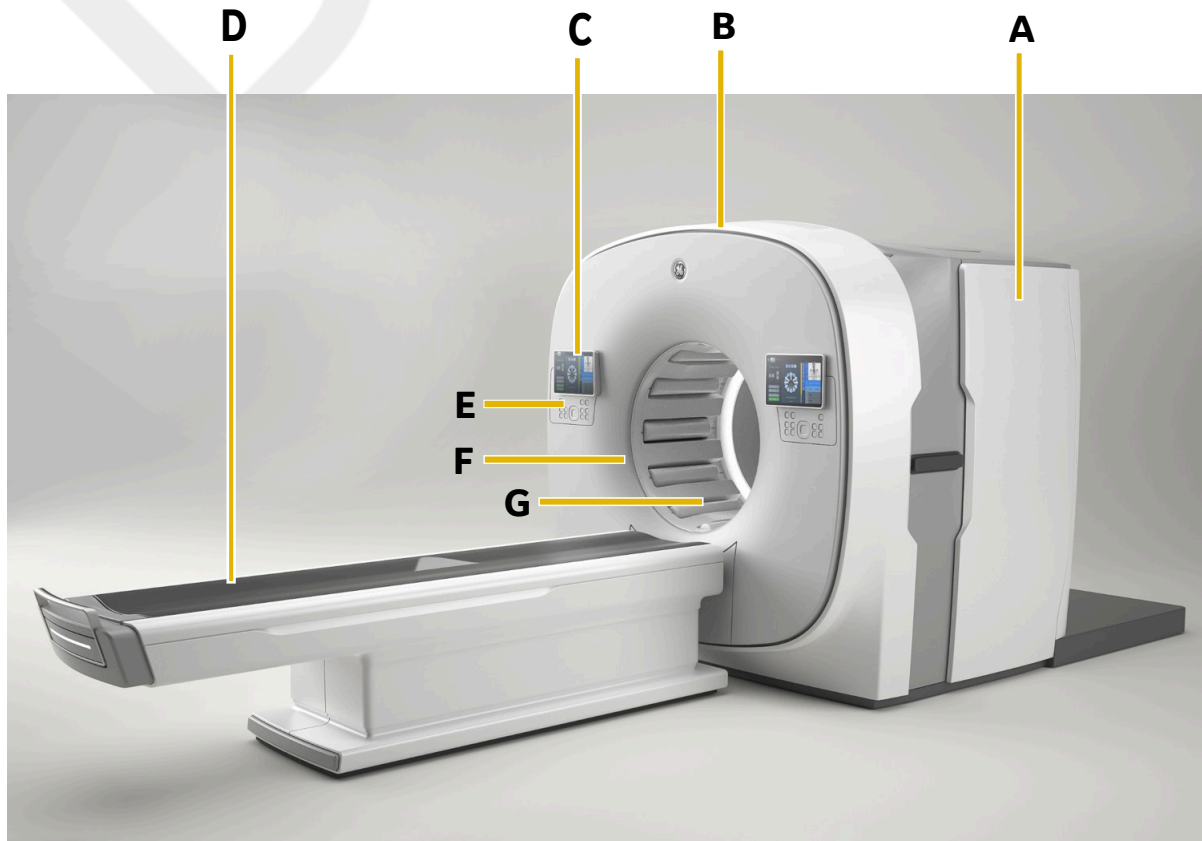
AntiVirus Configuration & Definition Updates

**Job Card ELE A018 - Networking Configuration**

Job Card ELE A018 - Networking Configuration

**SVG Imagemap**

Here is an imagemap that uses an SVG graphic.



1. Target for A
2. Target for B
3. Target for C
4. Target for D
5. Target for E
6. Target for F
7. Target for G

# Wait, there's more

Just when you this was over.



# Index

## T

thought..... 28





### Manufacturer

医疗集团是通用电气公司的  
Milwaukee, WI 53233 USA  
Tel: +1 414 355 5000  
Tel: 1 800 558 7044 (US Only)  
Fax: +1 414 355 3790

EC

REP

### Authorized European Representative

Munzinger Straße 5  
Freiburg, D-79111 Germany  
+ 49 761 45 43 - 0  
+ 49 761 45 43 - 233

### Asia Headquarters

No. 1 Huatuo Road  
Zhang Jiang Hi-Tech Park  
Shanghai 201203 China  
Tel: 8621-38777888  
Fax: 8621-38777499

GE Medical Systems Information Technologies, Inc, a General Electric Company, doing business as GE Healthcare.  
[www.gehealthcare.com](http://www.gehealthcare.com)



Yo Dude™ This is my mainbooktitle

