



SCAN POINT

IMAGE MANAGEMENT TECHNOLOGY

LOCAL CLIENT USER'S MANUAL

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Information in this manual may change at any time without notice. For the most up-to-date information, see the documentation available at verathon.com/product-documentation.

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IMPORTANT INFORMATION

ABOUT SCAN POINT LOCAL CLIENT

Scan Point Local Client allows you to save exams performed with BladderScan® and FloPoint® Elite systems.

With Scan Point Local Client, you can perform the following tasks:

- View ultrasound measurements and images from patient exams.
- Save and store images and patient exam data on your computer.
- Review and print new and past exams.
- Receive calibration alerts and facilitate device maintenance.

STATEMENT OF INTENDED USE

Scan Point Local Client is a desktop utility designed for customers who are not able to connect to Scan Point due to system or network limitations. Scan Point Local Client is designed for use with BladderScan BVI 6100, BVI 6200, BVI 6400, BVI 9400, and FloPoint Elite instruments.

ABOUT USING THIS MANUAL

If Scan Point does not operate as described in this manual, please contact Verathon® Customer Care or refer to the chapter [Troubleshooting & Maintenance](#) on page 39. For contact information, visit verathon.com/support.

COMPATIBLE DEVICES

The following devices can be used with Scan Point Local Client in order to upload exam results.



Scan Point Docking Station

Used with BladderScan BVI 6000 series instruments and the FloPoint Elite Uroflow System. Scan Point Local Client can recognize up to four Scan Point Docking Stations at one time.

Note: The Scan Point Docking Station looks very similar to the BladderScan 6000 series Battery Charger. To ensure that you have the Scan Point Docking Station, check that the label on the bottom says, "Scan Point Docking Station."



Battery Charger/Wireless Hub

Used with BladderScan BVI 9400 series instruments. Scan Point Local Client can recognize one Scan Point Wireless Hub, and the hub connects to only one instrument at a time.



Scan Point Label Writer (optional)

Used with BladderScan BVI 6000 series instruments (except the BVI 6300) and FloPoint Elite Uroflow System

CAUTIONS

Cautions indicate that use or misuse of the device may cause a problem, such as a malfunction, failure, or damage to the product. Throughout the manual, pay attention to sections labeled *Important*, as these contain reminders or summaries of the following cautions as they apply to a specific component or use situation. Please heed the following cautions.



CAUTION

If unsaved exam data is not uploaded to Scan Point and the instrument goes into sleep mode or turns off, the exam data will be lost.



CAUTION

While exam data is uploading to Scan Point, do not remove the instrument from the Scan Point docking station or remove the console battery while data is being uploaded. Scan Point displays the percentage of data transferred.



CAUTION

Scan Point allows users to access confidential patient information. Please keep your login information secure. Giving your Scan Point access to unauthorized individuals could violate HIPAA Rules.

INSTALLING SCAN POINT LOCAL CLIENT

If Scan Point does not operate as described in this chapter, please contact Verathon® Customer Care or refer to the chapter [Troubleshooting & Maintenance](#) on page 39.

HARDWARE & SOFTWARE REQUIREMENTS

The following sections summarize how a computer must be configured in order to run Scan Point Local Client.

HARDWARE REQUIREMENTS

Minimum and recommended hardware requirements are summarized in [Table 1](#) below.

Table 1. Local Client Hardware Requirements

REQUIREMENT	MINIMUM	RECOMMENDED
Processor	PC with 800 MHz processor	PC with 2.0 GHz processor
Video display	Video card and monitor capable of 800 x 600 resolution.	Video card and monitor capable of 1024 x 768 resolution
USB Ports	Two USB 2.0 ports	Three USB 2.0 ports*
Hard drive	200 MB of available space	5 GB of available space
Memory	512 MB	512 MB
Internet access	256k DSL	512k DSL, cable modem, T1 line or other high-speed connection.

IMPORTANT

Your computer must be minimally certified to EN/IEC / CSA / UL 950 or 60101-1 standards.

This configuration ensures that compliance to the EN/IEC 60601-1-1 system standard is maintained. Any person who connects additional equipment to the signal input port or signal output port configures a medical system, and is therefore responsible for ensuring that the system complies with the requirements of the system standard EN/IEC 60601-1-1.

If you need assistance, contact Verathon® Customer Care or your local representative.

* One USB port each for the BVI 9000 series battery charger/wireless hub, Scan Point docking station, and the label printer. The Scan Point host computer may connect with up to four Scan Point docking stations at one time.

SOFTWARE REQUIREMENTS

Table 2 provides a summary of the recommended and minimum system configurations needed to install and operate Scan Point Local Client.

Table 2. Local Client Software Requirements

REQUIREMENT	MINIMUM	RECOMMENDED
Operating system	Microsoft® Windows® 7 with Service Pack 1	Microsoft® Windows® 7, Windows 8, Windows 8.1, or Windows 10 with all service packs and updates installed
Browser	<ul style="list-style-type: none"> • Microsoft® Internet Explorer® 8 • Microsoft Edge™ 25 (Windows® 10 only) • Google Chrome™ version 55 • Mozilla® Firefox® version 50 	<ul style="list-style-type: none"> • Microsoft® Internet Explorer® 8, 9, 10, or 11 • Microsoft Edge™ 25 (Windows® 10 only) • Google Chrome™ version 55 • Mozilla® Firefox® version 50
Microsoft® .NET Framework®	.NET Framework® version 4.5.1 (This software is installed with Scan Point Local Client.)	.NET Framework® version 4.5.1 with the latest Microsoft® updates installed
Internet access	256k DSL	512k DSL, cable modem, T1 line or other high-speed connection
Adobe® Acrobat® Reader*	Adobe® Acrobat® Reader® 6.0 or higher	Adobe® Acrobat® Reader DC

* Adobe® Acrobat® Reader is available as a free download from <http://www.adobe.com>.

PERFORMING INSTALLATION

IMPORTANT

Do not connect any Verathon® instruments or accessories to the computer until instructed to do so. This includes all of the following devices:

- Scan Point docking station (used with 6000 series instruments and the FloPoint® Elite Uroflow System)
- Battery Charger/Wireless Hub (used with 9000 series instruments)

If you have accidentally connected one of these devices, **do not** complete the Add New Hardware wizard. Exit the wizard and disconnect your Verathon instruments and accessories before you continue.

However, if you will be using Scan Point Local Client with a 9000 series instrument, be sure that the power adapter and the USB cable are properly connected to the wireless hub before you continue.

Before you install Scan Point Local Client, familiarize yourself with the information in this manual, particularly the [Hardware & Software Requirements](#) on page 3. Make sure that your computer has the correct operating system and web browser versions installed and that your Windows® logon account has administrative permissions on your computer. In addition, make sure that your web browser is configured to allow pop-up windows.

Note: The dialog boxes displayed on your screen may differ slightly from those illustrated in the following steps. If this happens, follow the instructions in the dialog boxes displayed on your screen.

PROCEDURE 1. INSTALL ADOBE ACROBAT READER

Scan Point Local Client uses Adobe® Acrobat® Reader (version 6.0 or higher) to print labels and patient reports. Adobe® provides Acrobat® Reader software free of charge.

1. In a web browser, visit the Adobe® web site at <http://www.adobe.com>.
2. On the Adobe® home page, click the **Acrobat Reader** link.
3. On the Acrobat® Reader installation page, clear the **Optional Offer** check box if one is present, and then click the **Install Now** button.
4. Follow the instructions in order to complete the Acrobat® Reader installation.

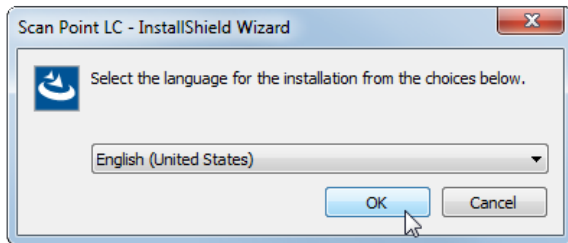
Note: After installing Acrobat® Reader but before using Scan Point Local Client, you must run Acrobat® Reader once to accept its End User License Agreement.

PROCEDURE 2. INSTALL THE SCAN POINT LABEL WRITER (OPTIONAL)

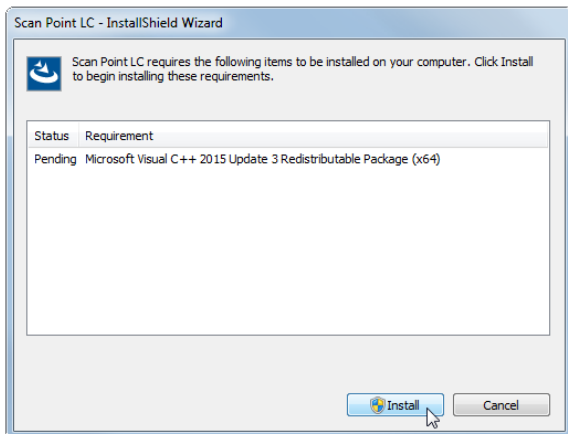
1. Install a roll of labels into the Label Writer.
2. Plug the power cord of the Label Writer into a wall outlet.
3. Attach the USB connector of the Label Writer to any available USB connector on your computer.
4. When the Install New Hardware Wizard appears, follow the on-screen prompts to complete installation.

PROCEDURE 3. INSTALL SCAN POINT LOCAL CLIENT

1. Insert the Software Install CD into your computer's CD drive.
2. If the InstallShield® Wizard does not open automatically, perform the following steps:
 - Double-click the **My Computer** icon on your desktop.
 - Double-click your CD drive icon or name.
 - Double-click the **setup.exe** file.
3. In the Choose Setup Language dialog box, select your language, and then click **OK**.

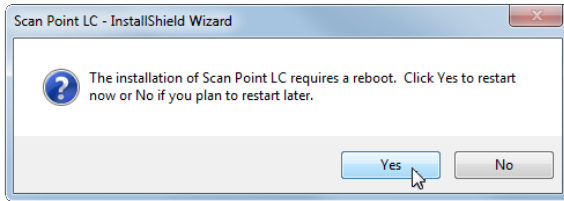


4. If a dialog box advises you that Scan Point Local Client requires additional items to be installed, continue to Step 5. If not, skip to Step 11.
5. Click **Install**.



6. If you are asked whether you want to allow the installer to make changes to the system, click **Yes**.

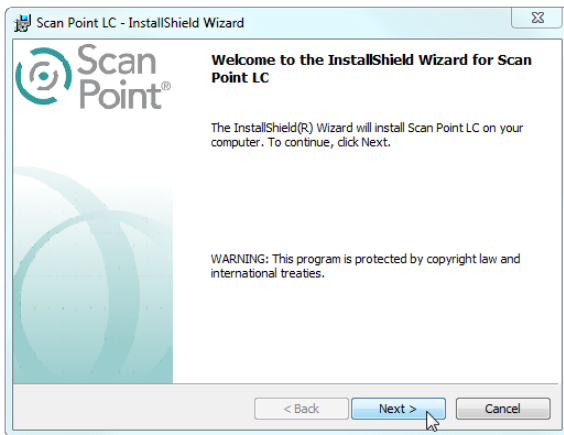
- When you are advised that the installation requires a reboot, click **Yes**.



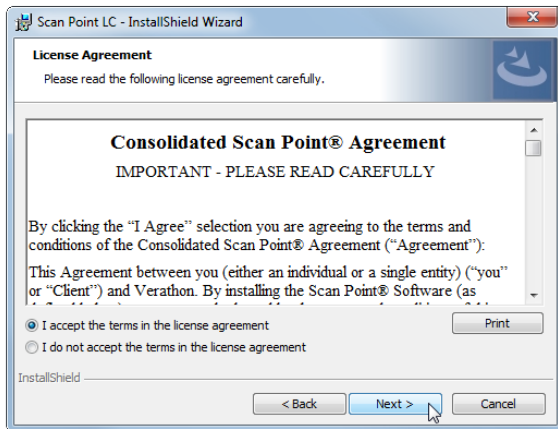
- After the computer restarts, log on again.
- If necessary, repeat step 2 in order to resume the installation.
- If the language selection dialog box appears again, choose the language that the wizard should display for the remainder of the installation process, and then click **OK**. A Preparing to Install dialog box may appear at this point.

Note: If you are upgrading an earlier version of Scan Point Local Client, the installer now removes the old software. However, it does not remove your program settings, instrument information, or saved exams.

- On the Welcome to the InstallShield Wizard for Scan Point LC page, click **Next**.

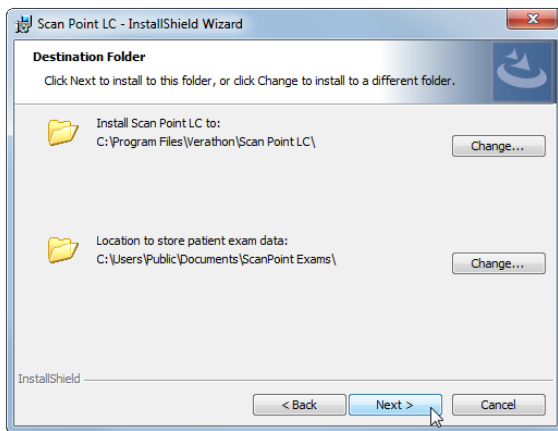


12. On the License Agreement page, select **I accept the terms in the license agreement**, and then click **Next**.

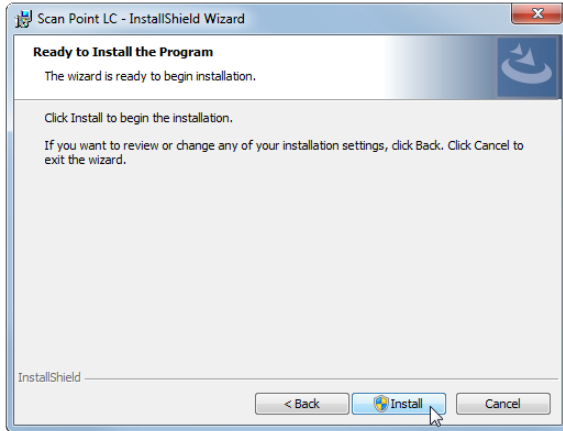


13. When the Disconnect Devices dialog box appears, ensure that you have disconnected all Verathon® docking stations and wireless hubs from the computer, and then click **Next**.
14. On the Destination Folder page, verify that the installation folder and saved exams folder locations are correct. If you want to accept the defaults, click **Next**.

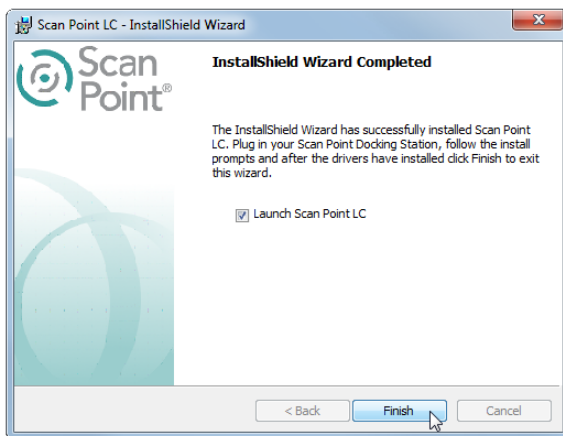
If you want to change a folder, click the **Change** button for the directory you want to edit, browse to the desired location, and then click **OK**. When you are finished editing the destination folders, click **Next**.



15. On the Ready to Install page, click **Install**. The software begins to install.




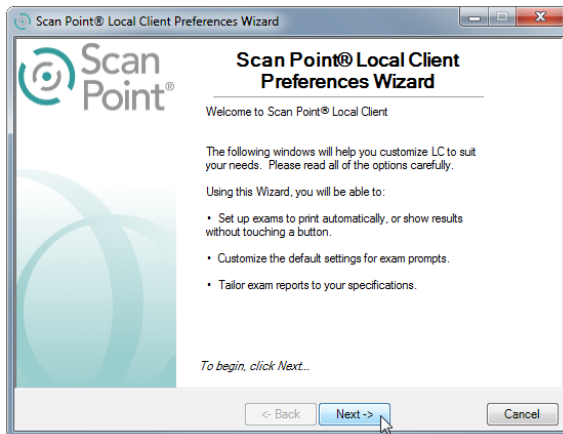
16. If you are asked whether you want the program to install the software on your computer, click **Yes**.
17. If the Windows Security dialog box appears, select **Always trust software from "Verathon Inc."** and then click **Install**.
18. If the InstallShield Wizard Completed page includes a **Launch Scan Point LC** check box when it appears, select the box, and then click **Finish**.



19. Remove the Installation CD from your computer's CD drive and continue to [Set Your Initial Scan Point Preferences](#).

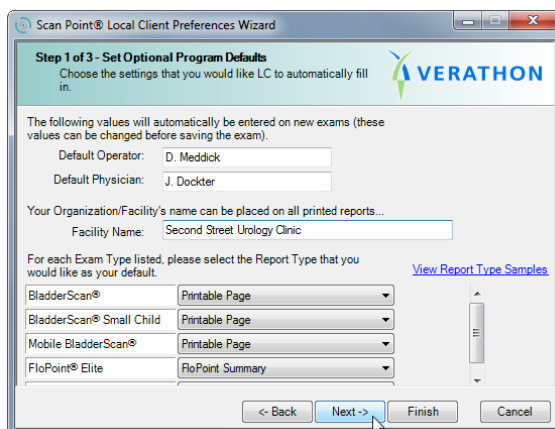
PROCEDURE 4. SET YOUR INITIAL SCAN POINT PREFERENCES

1. If necessary, double-click the Scan Point LC icon  on your desktop in order to start Scan Point LC.
2. If the Preferences Wizard does not start up automatically, in the Scan Point Local Client window, click **Tools**, and then click **Preferences Wizard**.
3. On the initial Scan Point Local Client Preferences Wizard page, click **Next**.

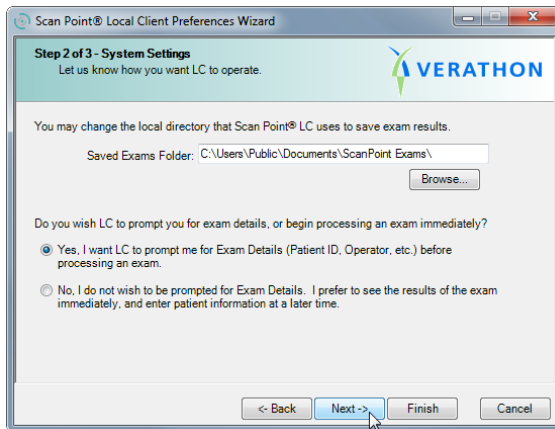


4. On the Set Optional Defaults page, enter the default operator, physician, and facility names you want to appear on scan reports. Select the default report type for each instrument model:
 - BladderScan® (BVI 6100)
 - BladderScan Small Child (BVI 6200)
 - Mobile BladderScan (BVI 6400)
 - FloPoint® Elite
 - BVI 9400

When you are finished, click **Next**.

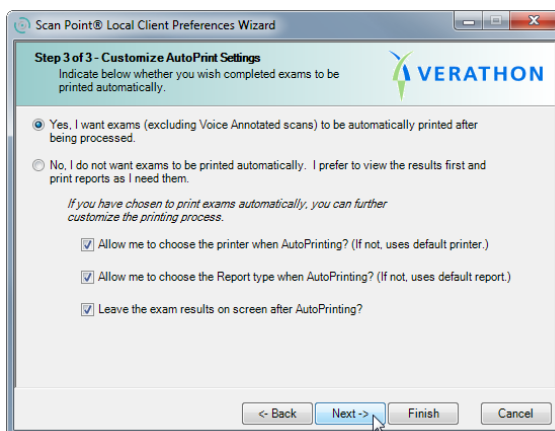


5. On the System Settings page, indicate whether you want Scan Point Local Client to prompt you for details about an exam before processing it.
 - If you choose to be prompted for exam details, you can enter names for the operator (the person who performed the exam) and the physician (the doctor who ordered the exam) in the Operator and Physician text boxes that Scan Point Local Client displays when you download each exam from the BladderScan® or FloPoint® system. You can then accept the defaults or enter new names before you save or print the exam results.
 - If you choose **not** to be prompted for exam details, Scan Point Local Client prints and saves the results of each exam automatically, without prompting you for exam details. Printed exam reports include blank spaces for the patient's name and ID. The default operator and physician names will appear on each exam if you have defined them; otherwise, blank spaces will appear for the operator's name and the physician's name as well.

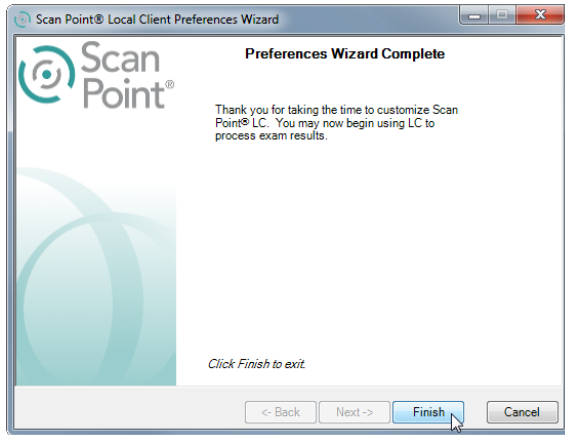


6. On the Customize AutoPrint Settings page, select whether or not Scan Point Local Client should print each exam automatically after receiving it from the instrument. If you select automatic printing, you can also choose any combination of the following options:
 - Printer selection for each report
 - Type selection for each report
 - On-screen report display after printing is complete

When you are finished, click **Next**.



7. On the Preferences Wizard Complete page, click **Finish**.

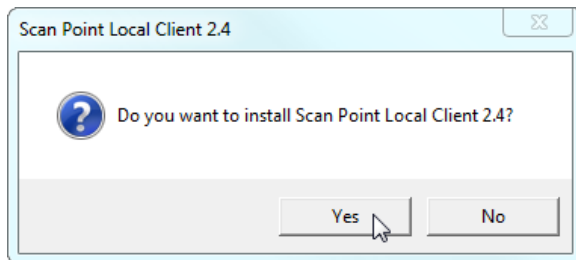


8. Connect the docking station or wireless hub to the computer. The computer configures the device drivers that were installed along with Scan Point Local Client.

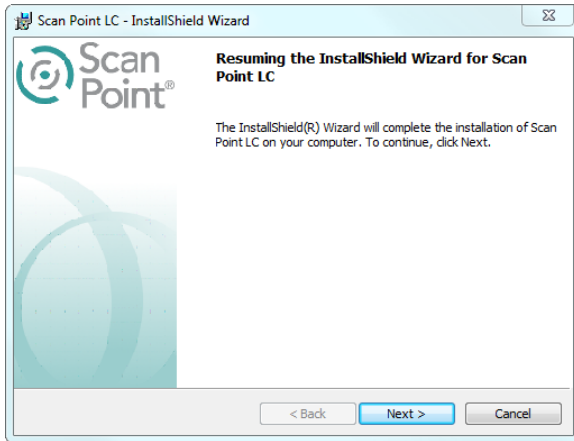
PROCEDURE 5. UPDATE SCAN POINT LOCAL CLIENT

Note: This procedure requires an Internet connection.

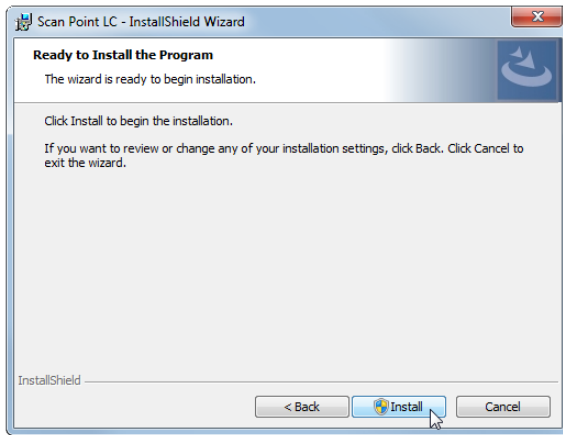
1. In the Scan Point Local Client main window, click **Tools** and select **Check for Updates**.
2. If a dialog box informs you that you are already running the latest version of Scan Point Local Client, click **OK**. Otherwise, continue to the following step.
3. If you are asked if you want to allow 7z Setup SFX to make changes to your computer, click **Yes**.
4. At each of the following two dialog boxes, when you are asked if you want to install the new version of Scan Point Local Client and to perform an upgrade, click **Yes**.



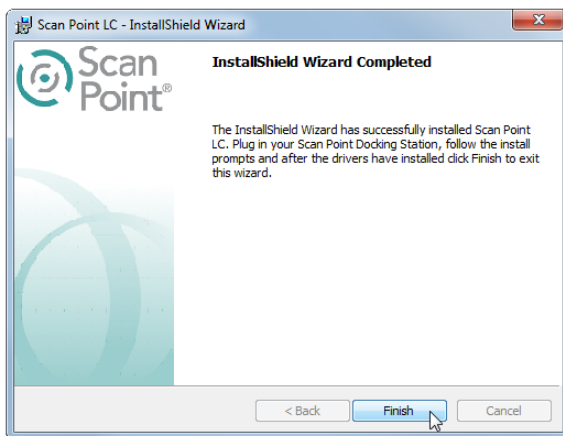
5. On the Resuming the InstallShield Wizard for Scan Point LC page, click **Next**.



6. On the Ready to Install page, click **Install**. The software begins to install.



7. If you are asked whether you want the program to install the software on your computer, click **Yes**.
8. On the InstallShield Wizard Completed page, click **Finish**. The upgrade is complete.

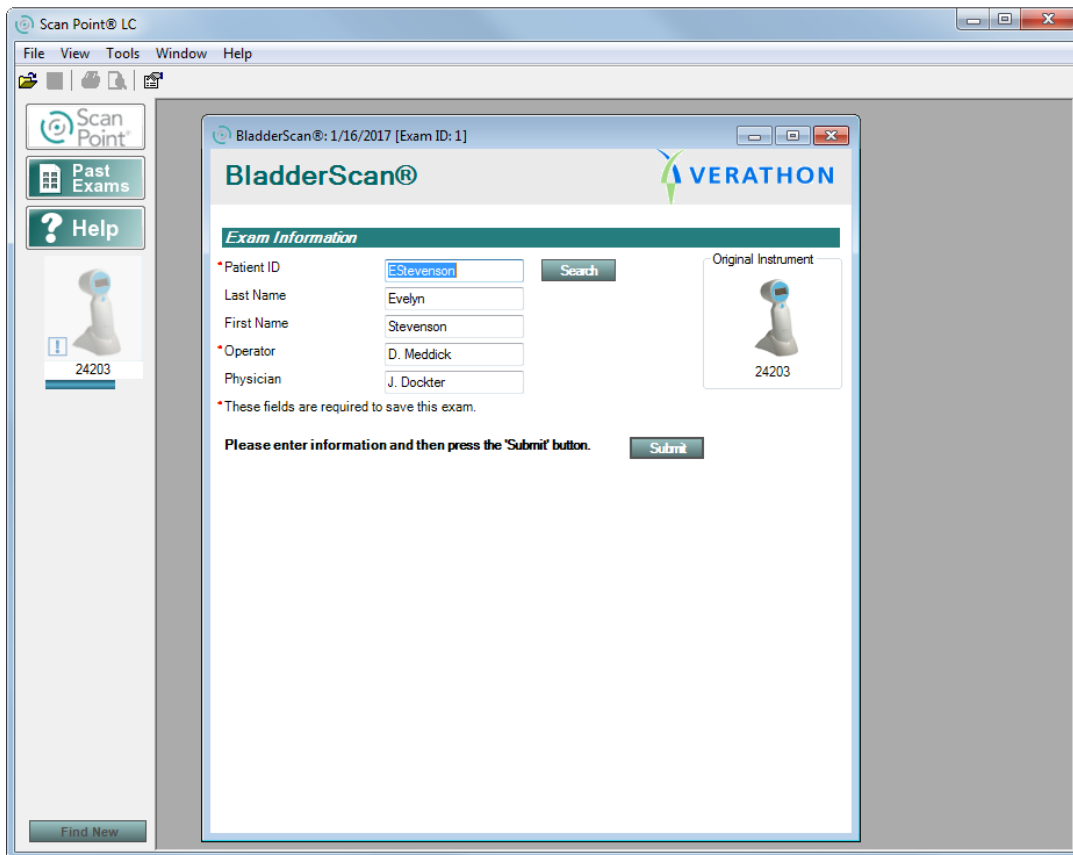


UNDERSTANDING THE INTERFACE

This chapter contains information on the Scan Point Local Client main window and its controls and features.

When you start Scan Point Local Client, the Main Window opens. You can access all the features of Scan Point Local Client from this window including:



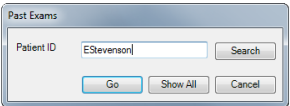





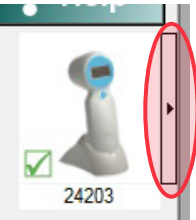
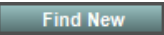
- Connecting to an instrument
- Annotating new exams
- Reviewing saved exams
- Searching for existing patients



MAIN WINDOW CONTROLS

Table 3 provides descriptions of the controls and features found in the Scan Point Local Client.

Table 3. Scan Point Local Client Main Window Controls

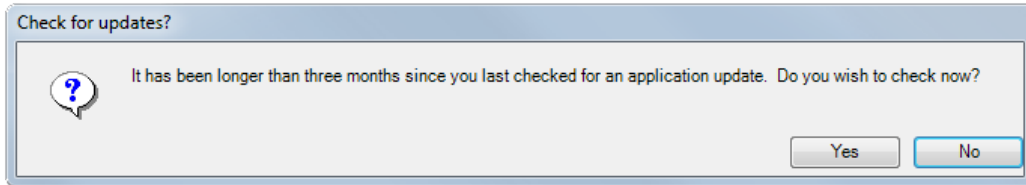
CONTROL	NAME	PURPOSE
	Scan Point button	Opens the my.scanpoint.com login page.*
	Past Exams button	Opens the Past Exams search dialog box.
	Past Exams search dialog box	Allows you to search for past exams. For more information, see the procedure View Past Exam Records on page 20.
	Help button	Opens a dialog box with a link to the product manual page at verathon.com/product-documentation , where you can download the latest version of this manual.
	Instrument image, name, and status Indicator	<p>Displays the connected instrument and indicates its status using one or more of the following symbols:</p> <ul style="list-style-type: none"> • Highlighted border: Indicates the selected instrument when more than one cradle is installed. • Green check mark  : Ready to use. • Blue exclamation point  : Waiting for information. • Red stop sign  : Saving an exam or processing information (as also shown by the progress bar). Do not remove the instrument from the docking station or interrupt the wireless connection. <p>The instrument name defaults to the instrument's serial number. If a user renames the instrument, that name appears here instead.</p>
	Instrument details button	<p>Open the instrument details box. The box provides basic information about the device such as part number, serial number, and next calibration date.</p> <p>You can rename the instrument by clicking on the name and entering a new one.</p>
	Find New button	Click to find a new Docking Station or to connect to a BladderScan® BVI 9400 instrument.

* This feature requires an Internet connection. If you need to create a Scan Point Online account, please contact Verathon® Customer Care or your local representative.

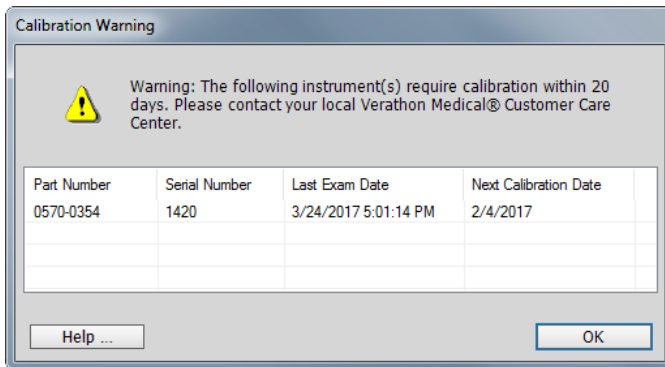
START-UP MESSAGES

The following messages may appear when the Scan Point Local Client main window is open:

- **Check for Updates**—This message appears if you have not checked for an application update in the past three months.



- **Calibration Reminder**—This message appears if system calibration is recommended within the next 20 days. Please take prompt action to ensure that the system continues to perform properly. For more information, refer to the calibration instructions found in your system's operations and maintenance manual, available at verathon.com/product-documentation. For assistance, contact Verathon® Customer Care or your local representative.



USING SCAN POINT LOCAL CLIENT

This chapter contains the following procedures on using Scan Point Local Client:

- [Connect an Instrument to Scan Point Local Client](#)
- [Modify Instrument Inventory](#)
- [View Instrument Details & Configuration](#)
- [View Past Exam Records](#)

PROCEDURE 1. CONNECT AN INSTRUMENT TO SCAN POINT LOCAL CLIENT


If Scan Point does not operate as described in this chapter, please contact Verathon® Customer Care or refer to the chapter [Troubleshooting & Maintenance](#) on page 39.

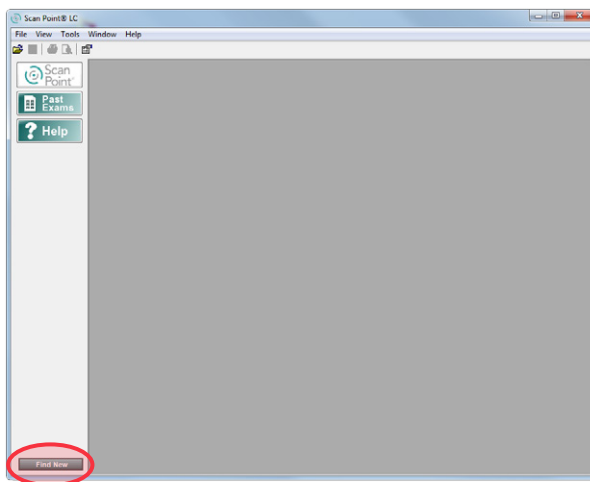
When an instrument is connected to Scan Point Local Client, saved exams will automatically begin to transfer. For information on saving exams, see the chapter [Saving Exams](#) on page 21.

OPTION 1. BLADDERSCAN® 6000 SERIES OR FLOPOINT® ELITE SYSTEMS

1. Place the instrument on the Scan Point docking station. The instrument appears in the left pane of the Scan Point Local Client window.

OPTION 2. BLADDERSCAN BVI 9400 SYSTEM

1. Place the instrument within 3 m (10 ft) of the Battery charger/wireless hub
2. On the instrument, on the Home screen, press the **Scan Point** button 
3. On the computer, in the Scan Point Local Client window, click **Find New**. Scan Point Local Client establishes a connection with the instrument, and an icon for the device appears in the left pane. On the console, two arrows appear, confirming that the console is connected to Scan Point.



PROCEDURE 3. VIEW INSTRUMENT DETAILS & CONFIGURATION

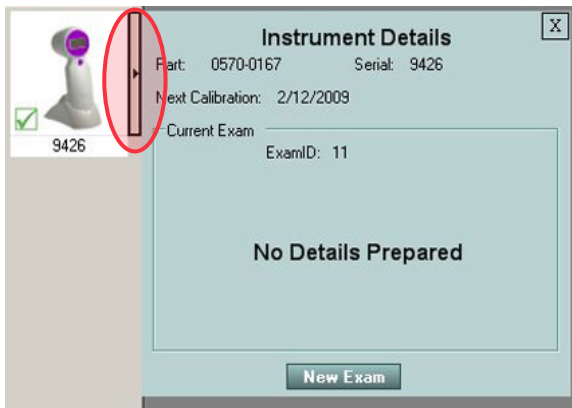
The Instrument Details dialog box provides the following information about the device:

- Part number
- Serial number
- Next calibration date (BladderScan® 6000 series and FloPoint® Elite instruments only)

From this dialog box you can prepare your instrument for a new exam (BladderScan 6000 series and FloPoint Elite Instruments) and access instrument settings (BladderScan BVI 9400 only)

OPTION 1. VIEWING BLADDERSCAN 6000 SERIES AND FLOPOINT ELITE DETAILS

1. Complete the procedure [Connect an Instrument to Scan Point Local Client](#) on page 17.
2. On the left side of the Main Window, to the right of the Instrument Icon, click the **Instrument Details** button. The Instrument Details dialog box opens.



OPTION 2. VIEWING BLADDERSCAN BVI 9400 DEVICE DETAILS AND CONFIGURATION

Complete this section in order to update the settings on a BladderScan BVI 9400 instrument.

1. On the left side of the Main Window, to the right of the Instrument Icon, click the **Instrument Details** button. The Instrument Details dialog box opens.

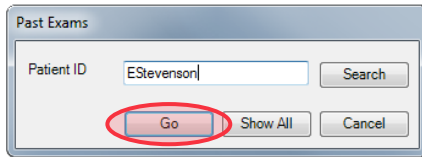


2. Click the **Change Configuration** button. The Set Instrument Configuration dialog box opens.
3. Update the configuration as needed, and then click the **Save** button.

PROCEDURE 4. VIEW PAST EXAM RECORDS

Complete this procedure to view individual or multiple past exams for review or comparison.

1. From the Main Window, click the **Past Exams** button.
2. If you know the patient ID, enter it in the Patient ID box, and then click **Go**.



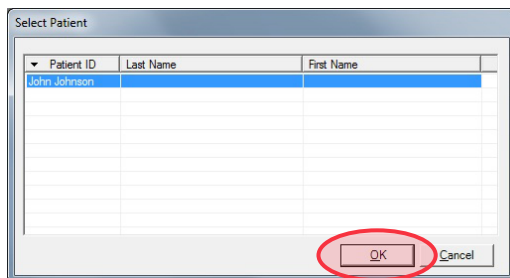
Past Exams

Patient ID: EStevenson

Search

Go Show All Cancel

If you do not know the patient ID, click **Search**. In the Select Patient list, click the patient ID, and then click **OK**.

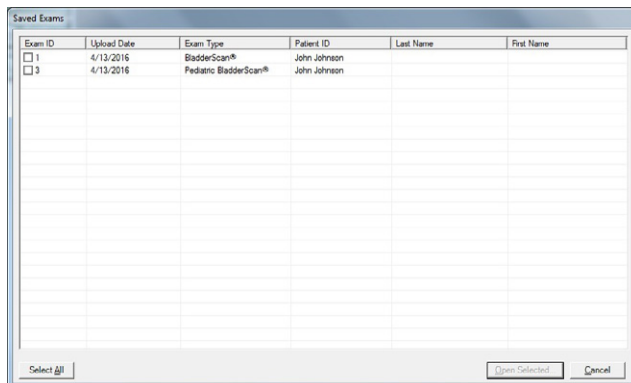


Select Patient

Patient ID	Last Name	First Name
John Johnson		

OK Cancel

3. From the Saved Exams list, select the exams that you would like to view, and then click the **Open Selected** button. The exam results for each selected exam open.



Saved Exams

Exam ID	Upload Date	Exam Type	Patient ID	Last Name	First Name
<input type="checkbox"/> 1	4/13/2016	BladderScan®	John Johnson		
<input type="checkbox"/> 3	4/13/2016	Pediatric BladderScan®	John Johnson		

Select All Open Selected Cancel

SAVING EXAMS

This chapter contains procedures for saving exams from BladderScan® or FloPoint® Elite instruments to Scan Point Local Client.



CAUTION

If unsaved exam data is not uploaded to Scan Point and the instrument goes into sleep mode or turns off, the exam data will be lost.



CAUTION

While exam data is uploading to Scan Point, do not remove the instrument from the Scan Point docking station or remove the console battery while data is being uploaded. Scan Point displays the percentage of data transferred.

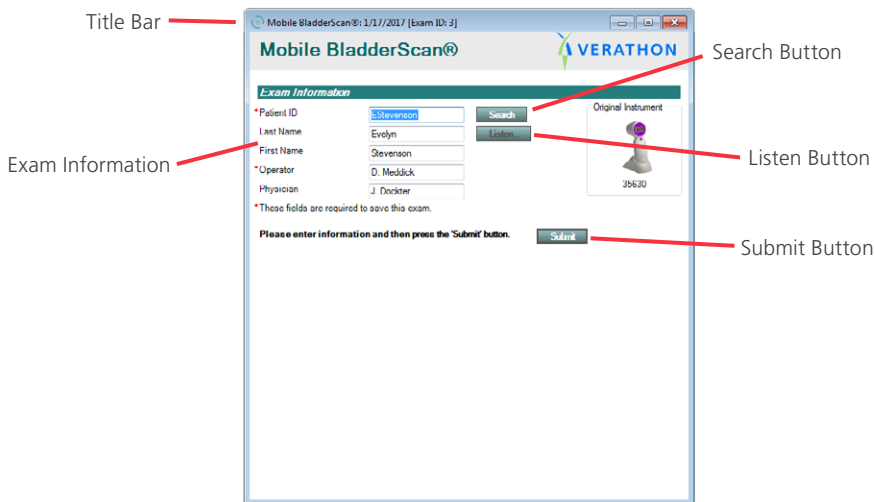
PROCEDURE 1. TRANSMIT EXAMS FROM 6000 SERIES & FLOPOINT INSTRUMENTS

Use this procedure in order to transmit exam information from BladderScan BVI 6100, BVI 6200, BVI 6400, and FloPoint Elite instruments.

After the instrument transmits exam data, an Exam Record dialog box displays the following:

- **Title Bar**—Displays the name and type of instrument used to perform the scan and the date that the scan was performed
- **Exam Information**—Provides fields used for annotating the exam with patient and user information
- **Search button**—Opens a list of existing patient IDs
- **Listen button**—Plays saved voice annotations (BladderScan BVI 6400 instruments only).

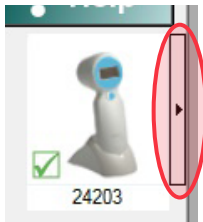
Figure 1. New Exam Record



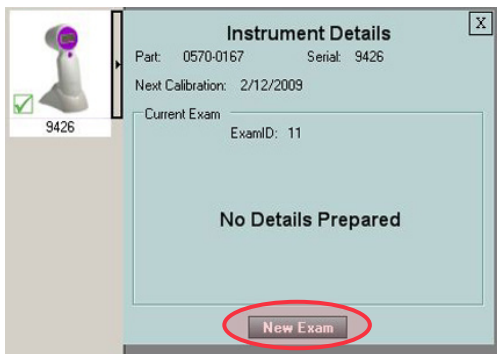
OPTION 1. PREPARE AN INSTRUMENT FOR A NEW EXAM

Complete this procedure in order to prepare an instrument for its next exam. When the instrument performs its next exam and is then placed back on the Scan Point docking station, the exam is automatically transmitted with the information entered in the following steps.

1. Place the instrument on the Scan Point docking station.
2. In the Main Window, to the right of the Instrument Icon, click the **Instrument Details** button.

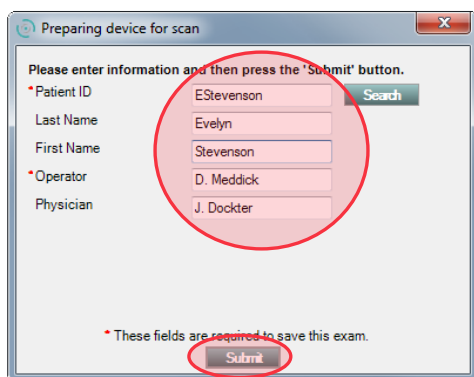


3. In the Instrument Details dialog box, click the **New Exam** button.



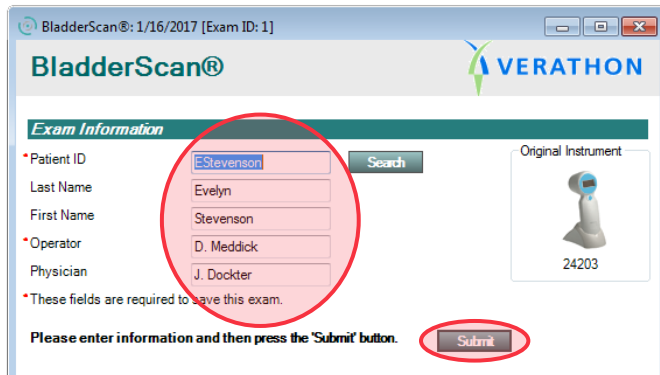
4. In the Preparing Device for Scan dialog box, complete the required fields, and then click the **Submit** button.

*Note: If you would like to select a patient that is already in your database, click the **Search** button in order to bring up a list of existing patients.*

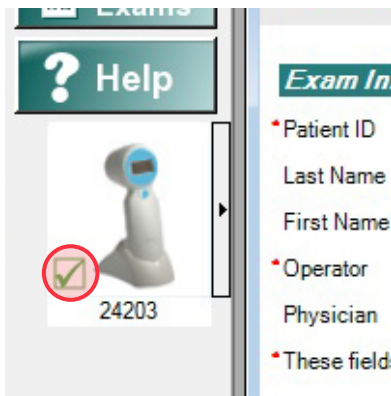


5. Perform an exam.
6. Place the instrument on the Scan Point docking station.
7. The exam automatically starts to upload to Scan Point Local Client. While the exam is transmitting, an Exam Information dialog box opens.

8. Ensure that the Exam Information fields are correct, and then click the **Submit** button. Do not remove the instrument from the Scan Point docking station while exam data is being transmitted.



After the instrument has finished transmitting and the exam has been submitted, a green arrow appears in the Instrument Icon indicating that it is safe to remove the device.



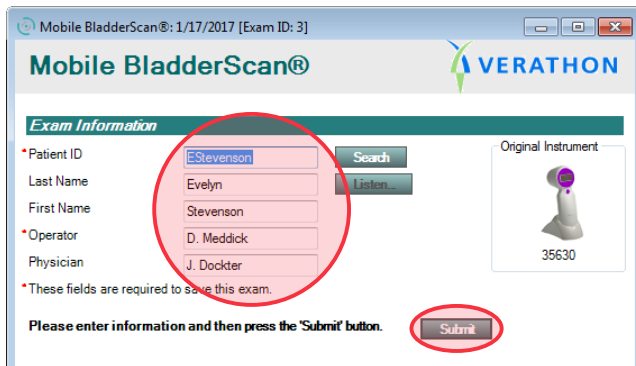
9. Complete the procedure [Save or Print an Exam](#) on page 26.

OPTION 2. EXAMS WITH VOICE ANNOTATION

If the instrument is holding an exam that does not have a voice annotation, skip to the next option [Exams Without Voice Annotation](#).

1. Place the instrument on the Scan Point docking station.
2. The exams will automatically start to upload to Scan Point Local Client. Do not remove the instrument from the Scan Point docking station while exam data is being uploaded. Once an exam has finished transmitting, an Exam Details dialog box opens.
3. In the Exam Details dialog box, click the **Listen** button. The voice annotation plays. Voice annotations assist in matching exams to patients.

4. In the Exam Details dialog box, complete the required **Exam Information** fields, and then click the **Submit** button.

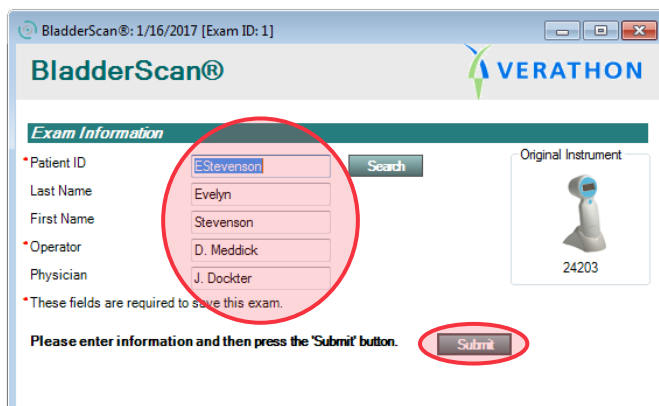


5. Complete the procedure [Save or Print an Exam](#) on page 26.

OPTION 3. EXAMS WITHOUT VOICE ANNOTATION

Complete this option if the instrument is holding an exam that does not have a voice annotation.


1. Place the instrument on the Scan Point docking station.
2. The exams automatically starts to upload to Scan Point Local Client. While the exam is transmitting, an Exam Details dialog box opens.
3. Complete the required **Exam Information** fields, and then click the **Submit** button. Do not remove the instrument from the Scan Point docking station while exam data is being transmitted and before the Exam Information has been entered.

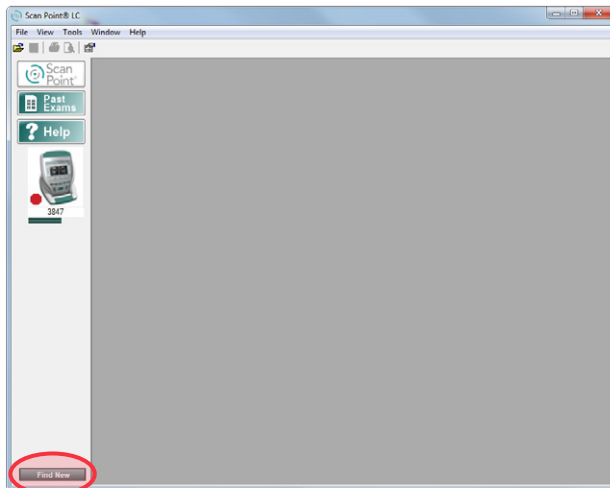


4. Complete the procedure [Save or Print an Exam](#) on page 26.

PROCEDURE 2. TRANSMIT EXAMS FROM A BVI 9400 INSTRUMENT

Use this procedure in order to save exam information from a BladderScan® BVI 9400 instrument.

1. Place the instrument within 3 m (10 ft) of the Battery charger/wireless hub.
2. On the instrument, on the Home screen, press the **Scan Point** button .
3. On the computer, in the Scan Point Local Client window, click **Find New**. Scan Point Local Client establishes a connection with the instrument, and an icon for the device appears in the left pane. On the console, two arrows appear, confirming that the console is connected to Scan Point.



The exams will automatically start to upload to Scan Point Local Client. Do not remove the console battery while data is being uploaded. The Scan Point Local Client window displays the percentage of data transferred. Once an exam has finished transmitting, an Exam Details dialog box opens.

4. In the Exam Details dialog box, click the **Listen** button. The voice annotation plays. Voice annotations assist in matching exams to patients.
5. Continue to the next procedure in order to save the exam.

PROCEDURE 3. SAVE OR PRINT AN EXAM

Once an exam transmission is complete, the exam must be saved or printed.

1. If the Exam Information was added in previous procedure, ensure that the information is correct. If the Exam Information was not added, complete the required information.

The screenshot shows the 'Mobile BladderScan®' software interface. At the top, there is a header with the product name and the 'VERATHON' logo. Below the header is a section titled 'Exam Information'. This section contains several input fields: 'Upload Date' (10/10/2007), '*Patient ID' (Jane doe), 'Last Name' (Doe), 'First Name' (Jane), '*Operator' (BarbaraP), and 'Physician' (Dr Bob). A red circle highlights the Patient ID, Last Name, First Name, and Operator fields. To the right of the form is a box labeled 'Original Instrument' containing an image of the device and the number '4110001'. At the bottom of the form, there is a note: '*These fields are required to save this exam.' and a 'Save Exam' button.

OPTION 1. SAVING AN EXAM

1. Click the **Save Exam** button.
2. The Save As dialog box opens with the exam automatically named as "Patient ID_date_time". If needed, you can rename the file.
3. In the Save As dialog box, ensure that the save location is the Saved Exams Folder, and then click the **Save** button.

Note: If you create new folders for your saved exams, they must be created within the Saved Exams folder in order to appear in the Past Exams list.

OPTION 2. PRINTING AN EXAM

1. From the **File** menu, select **Print**.

*Note: If you would like to preview the record before printing, select **Print Preview** from the File menu.*

2. In the Report Type dialog box, select the report type that you would like to print:
 - Printable Page
 - Printable Page for Physicians Offices
 - Printable Page for ECF/SNF

For information on the report types available, see the next chapter [Interpreting Images & Reports](#) on page 27.

3. In the Print Preview dialog box, click the **Print** button.

INTERPRETING IMAGES & REPORTS

UNDERSTANDING ORIENTATION ICONS

Exam images generated by BladderScan® instruments feature orientation icons that assist with interpreting images. The icon is located at the top left of the ultrasound image. This icon shows the scan plane of the displayed image in relation to the probe's orientation.



The scanhead is represented by the large circle and the probe's handle by the rectangle. The white dot in the large circle corresponds to the dot displayed at the upper left of the scan image.



When a scan is taken with the probe handle perpendicular to the patient's spine and pointing to the patient's right side, the orientation icon will show how the image corresponds to the patient.

Table 4. Orientation Icons

ICON	MEANING
	The scan was taken in the sagittal plane, with the left side of the image toward the patient's feet
	The scan was taken in the transverse plane, with the left side of the image toward the patient's right side

EXAM REPORTS

The exam reports from BladderScan® and FloPoint® Elite instruments can be printed in several different formats:

- BladderScan:
 - Printable Page
 - Printable Page for Physician's Office
 - Printable Page for ECF and SNF (Extend Care Facility/Skilled Nursing Facility)
- FloPoint Elite:
 - FloPoint Summary
 - FloPoint Details

Exam reports contain automatically generated exam information, along with annotations entered when the exam was saved. The following pages contain examples of the printable exam reports.

BLADDERSCAN BVI 9400 REPORTS

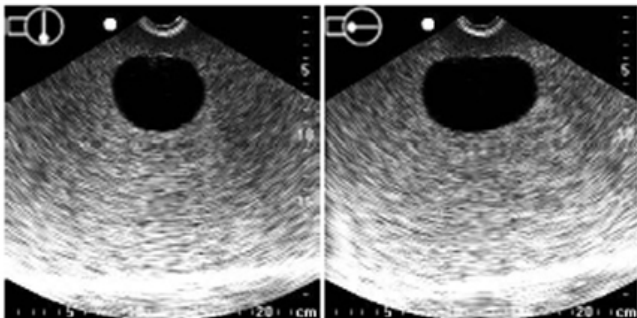
PRINTABLE PAGE (BVI 9400)

The BladderScan Results report displays exam details and two images.

BladderScan® Results

Upload Date: 4/18/2016
Patient ID: John Johnson
Patient Name:
Operator: Jane Smith
Physician:

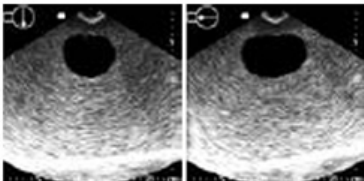
Urine Volume: 123 ml



Physician Signature: _____

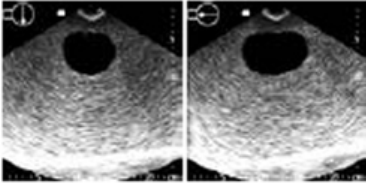
PRINTABLE PAGE FOR PHYSICIAN'S OFFICE (BVI 9400)

The BladderScan® Report for Physician's Office displays exam details, two images, and a diagnostic checklist for the physician's records.

BladderScan® Report for Physician's Office		
Patient Name:	Upload Date:	Urine Volume: 143 ml
Patient ID: John Johnson	4/18/2016	
Chief Complaint:		
<input type="checkbox"/> Urgency	<input type="checkbox"/> Frequency	<input type="checkbox"/> Male
<input type="checkbox"/> Dysuria	<input type="checkbox"/> Nocturia	<input type="checkbox"/> Dribbling
<input type="checkbox"/> Hesitancy	<input type="checkbox"/> Other _____	<input type="checkbox"/> Female
<input type="checkbox"/> Urinary Tract Infection	<input type="checkbox"/> Slow Stream	<input type="checkbox"/> Urinary Incontinence
Medical History:		
<input type="checkbox"/> History of Urinary Retention	<input type="checkbox"/> Suprapubic Pain or Discomfort	
<input type="checkbox"/> Neurologic Disease _____		
<input type="checkbox"/> Other: _____		
Post-Op Evaluation Emptying		
<input type="checkbox"/> TURP	<input type="checkbox"/> Sling	<input type="checkbox"/> RRP
<input type="checkbox"/> TUIBN	<input type="checkbox"/> SEEDS	<input type="checkbox"/> Cryo
<input type="checkbox"/> Cysto	<input type="checkbox"/> PNBX	<input type="checkbox"/> PP
<input type="checkbox"/> SP	<input type="checkbox"/> Suspension	<input type="checkbox"/> Peri-Urethral Injs
<input type="checkbox"/> Other _____		
Findings:		
<input type="checkbox"/> Urine Volume WNL	<input type="checkbox"/> Elevated Volume	<input type="checkbox"/> Bladder Wall Thickness (Abnormal / Normal)
<input type="checkbox"/> Diverticula (Yes / No)	<input type="checkbox"/> Stones (Yes / No)	
<input type="checkbox"/> Other _____		
Impressions:		
<input type="checkbox"/> Urinary Retention	<input type="checkbox"/> Incomplete Bladder Emptying	
<input type="checkbox"/> Other _____		
		
Operator:	Jane Smith	Physician Signature: _____
Physician:		

PRINTABLE PAGE FOR ECF AND SNF (BVI 9400)

The BladderScan® Report for ECF/SNF (Extend Care Facility/Skilled Nursing Facility) displays exam details, two images, and a diagnostic checklist for an extended care facility or skilled nursing facility.

BladderScan® Report for ECF/SNF			
Patient Name:		Upload Date:	Urine Volume: 143 ml
Patient ID:	John Johnson	4/18/2016	
Symptoms:			
<input type="checkbox"/> Urinary Incontinence	<input type="checkbox"/> Urgency	<input type="checkbox"/> Male	<input type="checkbox"/> Female
<input type="checkbox"/> Nocturnal Enuresis	<input type="checkbox"/> Dysuria	<input type="checkbox"/> Frequency	<input type="checkbox"/> Urinary Tract Infection
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Nocturia	<input type="checkbox"/> Hematuria	
Medical History:			
<input type="checkbox"/> Change in Continence Status	<input type="checkbox"/> History of Urinary Retention		
<input type="checkbox"/> Suprapubic Pain or Discomfort	<input type="checkbox"/> Neurologic Disease: _____		
<input type="checkbox"/> Diagnosis of Neurogenic Bladder	<input type="checkbox"/> Recurrent UTIs		
<input type="checkbox"/> Other: _____			
Findings:			
<input type="checkbox"/> Urine Volume WNL	<input type="checkbox"/> Elevated Volume	<input type="checkbox"/> Other: _____	
Impressions:			
<input type="checkbox"/> Urinary Retention	<input type="checkbox"/> Incomplete Bladder Emptying	<input type="checkbox"/> Other: _____	
Treatment Plan:			
<input type="checkbox"/> Indwelling Urethral Catheter	<input type="checkbox"/> Monitor PVR		
<input type="checkbox"/> Intermittent Catheterization	<input type="checkbox"/> Other: _____		
			
Operator:	Jane Smith	Physician Signature:	_____
Physician:			

BLADDERSCAN 6000 SERIES EXAM REPORTS

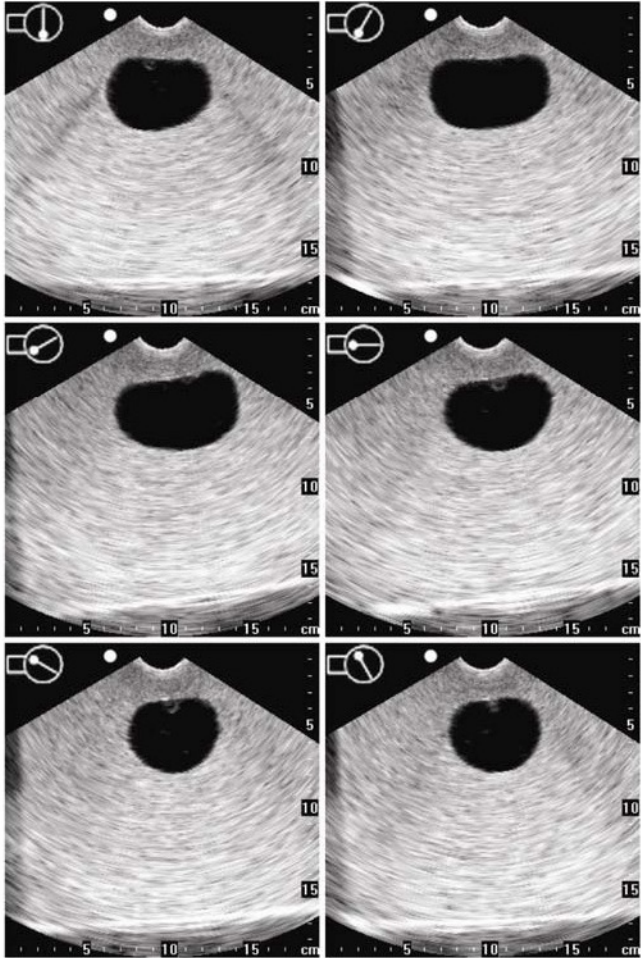
PRINTABLE PAGE (BVI 6000 SERIES)

The BladderScan® Results page includes exam details and six images.

BladderScan® Results

Upload Date: 4/14/2016
Patient ID: John Johnson
Patient Name:
Operator: Jane Smith
Physician:

Urine Volume: 123 ml

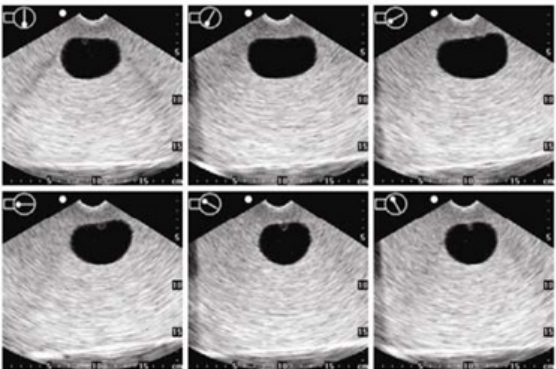


Physician Signature: _____

PRINTABLE PAGE FOR PHYSICIAN'S OFFICE (BVI 6000 SERIES)

The BladderScan® Report for Physician's Office includes exam details, six images, and a diagnostic checklist for the physician's records.

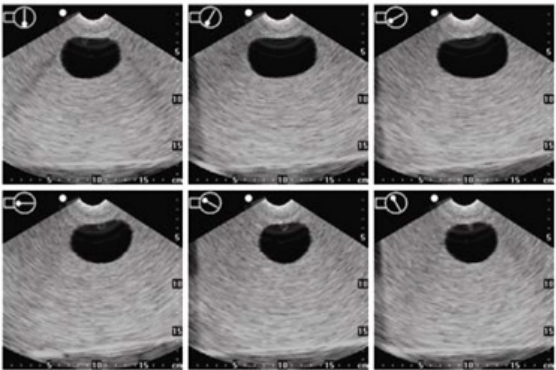
Figure 2. Printable Page for Physician's Office

BladderScan® Report for Physician's Office		
Patient Name:	Upload Date:	Urine Volume: 123 ml
Patient ID: John Johnson	4/14/2016	
Chief Complaint:		
<input type="checkbox"/> Urgency	<input type="checkbox"/> Frequency	<input type="checkbox"/> Dribbling
<input type="checkbox"/> Dysuria	<input type="checkbox"/> Nocturia	<input type="checkbox"/> Slow Stream
<input type="checkbox"/> Hesitancy	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Male	<input type="checkbox"/> Female	
<input type="checkbox"/> Urinary Tract Infection		
<input type="checkbox"/> Urinary Incontinence		
Medical History:		
<input type="checkbox"/> History of Urinary Retention	<input type="checkbox"/> Suprapubic Pain or Discomfort	
<input type="checkbox"/> Neurologic Disease _____		
<input type="checkbox"/> Other: _____		
Post-Op Evaluation Emptying		
<input type="checkbox"/> TURP	<input type="checkbox"/> Sling	<input type="checkbox"/> RRP
<input type="checkbox"/> TUIBN	<input type="checkbox"/> SEEDS	<input type="checkbox"/> Cryo
<input type="checkbox"/> Cysto	<input type="checkbox"/> PNBX	<input type="checkbox"/> PP
<input type="checkbox"/> SP	<input type="checkbox"/> Suspension	
<input type="checkbox"/> Peri-Urethral Injs		
<input type="checkbox"/> Other _____		
Findings:		
<input type="checkbox"/> Urine Volume WNL	<input type="checkbox"/> Elevated Volume	<input type="checkbox"/> Bladder Wall Thickness (Abnormal / Normal)
<input type="checkbox"/> Diverticula (Yes / No)		
<input type="checkbox"/> Stones (Yes / No)		
<input type="checkbox"/> Other _____		
Impressions:		
<input type="checkbox"/> Urinary Retention	<input type="checkbox"/> Incomplete Bladder Emptying	
<input type="checkbox"/> Other _____		
		
Operator:	Jane Smith	Physician Signature: _____
Physician:		

PRINTABLE PAGE FOR ECF AND SNF (BVI 6000 SERIES)

The BladderScan® Report for ECF/SNF (Extend Care Facility/Skilled Nursing Facility) includes exam details, six images, and a diagnostic checklist for an extended care facility or skilled nursing facility.

Figure 3. Printable Page for ECF and SNF

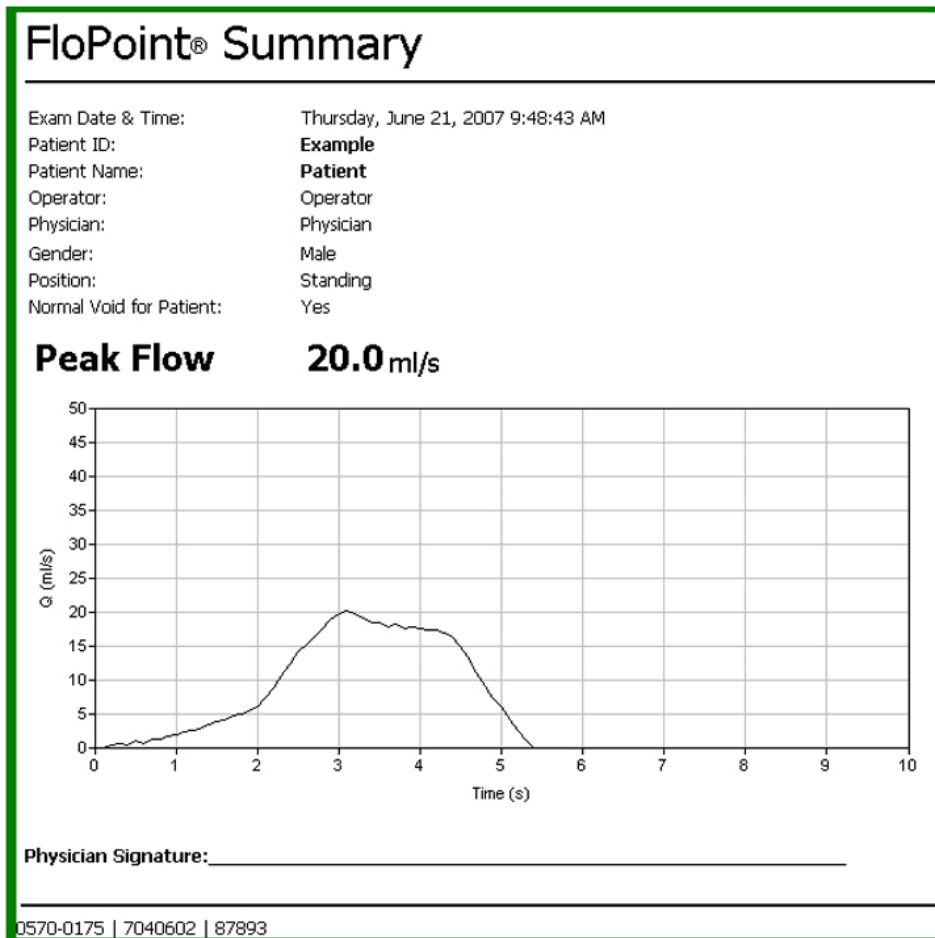
BladderScan® Report for ECF/SNF		
Patient Name:		Upload Date:
Patient ID:	John Johnson	4/14/2016
		Urine Volume: 123 ml
Symptoms:		
<input type="checkbox"/> Urinary Incontinence	<input type="checkbox"/> Urgency	<input type="checkbox"/> Frequency
<input type="checkbox"/> Nocturnal Enuresis	<input type="checkbox"/> Dysuria	<input type="checkbox"/> Nocturia
<input type="checkbox"/> Other: _____		
Medical History:		
<input type="checkbox"/> Change in Continence Status	<input type="checkbox"/> History of Urinary Retention	
<input type="checkbox"/> Suprapubic Pain or Discomfort	<input type="checkbox"/> Neurologic Disease: _____	
<input type="checkbox"/> Diagnosis of Neurogenic Bladder	<input type="checkbox"/> Recurrent UTIs	
<input type="checkbox"/> Other: _____		
Findings:		
<input type="checkbox"/> Urine Volume WNL	<input type="checkbox"/> Elevated Volume	<input type="checkbox"/> Other: _____
Impressions:		
<input type="checkbox"/> Urinary Retention	<input type="checkbox"/> Incomplete Bladder Emptying	<input type="checkbox"/> Other: _____
Treatment Plan:		
<input type="checkbox"/> Indwelling Urethral Catheter	<input type="checkbox"/> Monitor PVR	
<input type="checkbox"/> Intermittent Catheterization	<input type="checkbox"/> Other: _____	
		
Operator:	Jane Smith	Physician Signature: _____
Physician:		

FLOPOINT ELITE EXAM REPORTS

FLOPOINT SUMMARY (FLOPOINT ELITE)

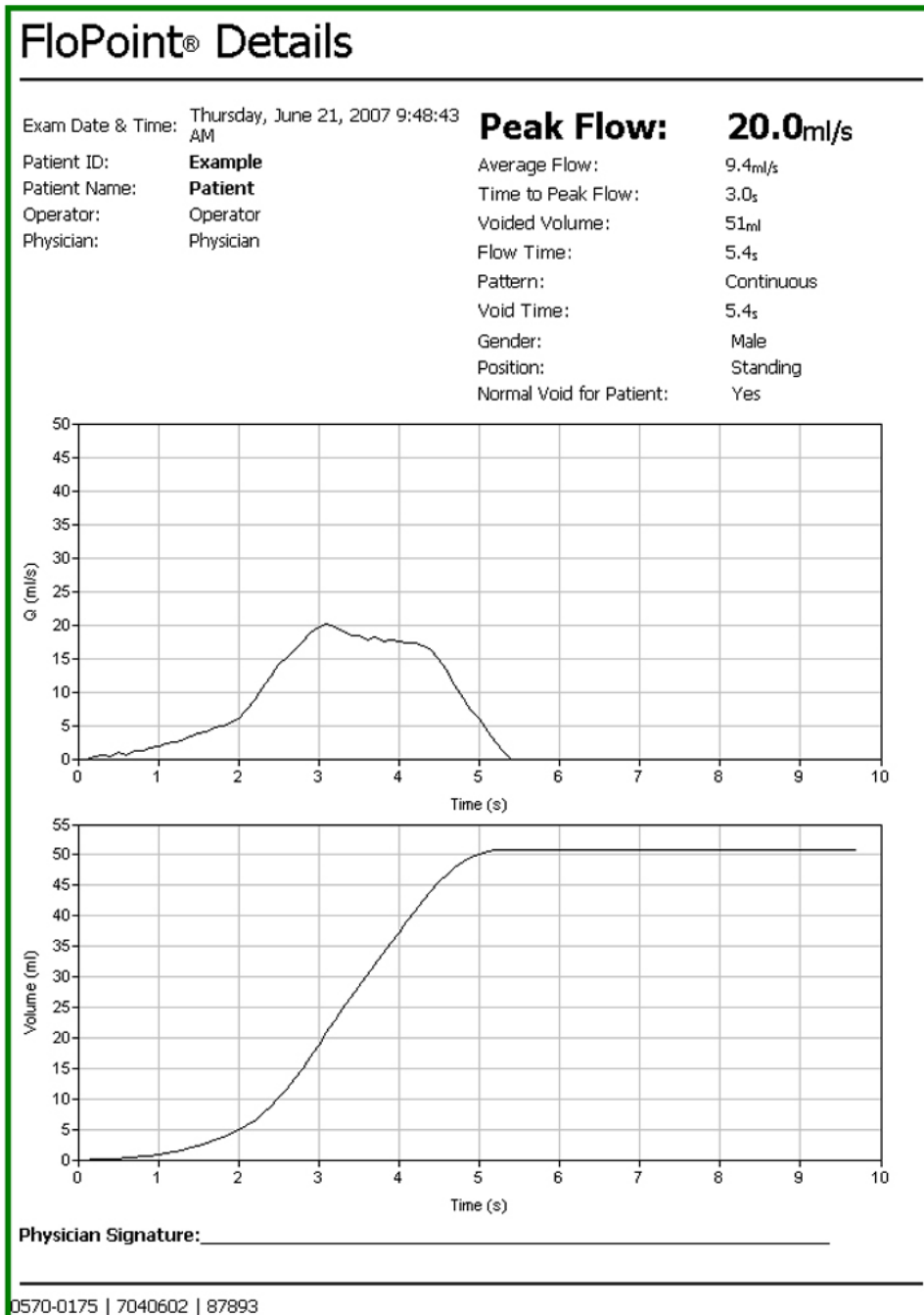
The FloPoint® Summary report includes a summary report including the exam details, Peak Flow measurement, and Peak Flow chart.

Figure 4. FloPoint Summary Report



FLOPOINT DETAILS (FLOPOINT ELITE)

The FloPoint® Details report includes a summary report including the exam details, Peak Flow measurement, Peak Flow chart, detailed measurements, and a Volume over Time chart.



PREFERENCES & DEFAULT SETTINGS

The Scan Point Local Client Preferences dialog box allows you to customize the default information. The Preferences dialog box contains the following preference tabs:

- **Exam Defaults**—Default operator, physician, and report types
- **AutoPrint Settings**—Auto prompts and autoprint defaults.
- **System Settings**—Language, Update URL, Facility Name, Saved Exams Folder, and Warnings.

Note: You should not change the URL unless directed to do so.

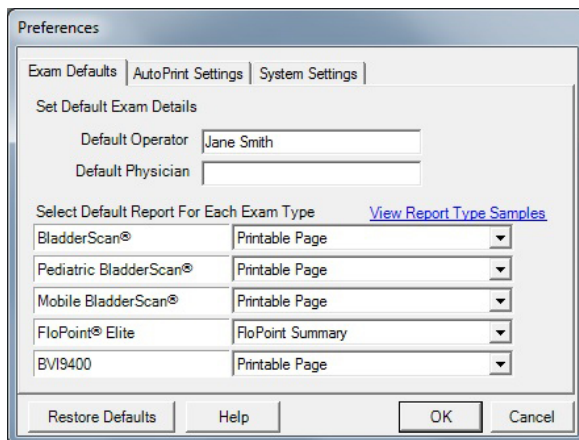
At any time while you are working in the Preferences dialog box, you can restore the original default information by clicking the **Restore Defaults** button.

*Note: Alternatively, you can use the **Preferences Wizard** to set your preferences. From the **Tools** menu, select **Preferences Wizard**, and then follow the on-screen instructions.*

PROCEDURE 1. SET DEFAULT PREFERENCES

EXAM DEFAULTS TAB

1. From the Tools menu, choose **Preferences**. The Preferences dialog box opens.

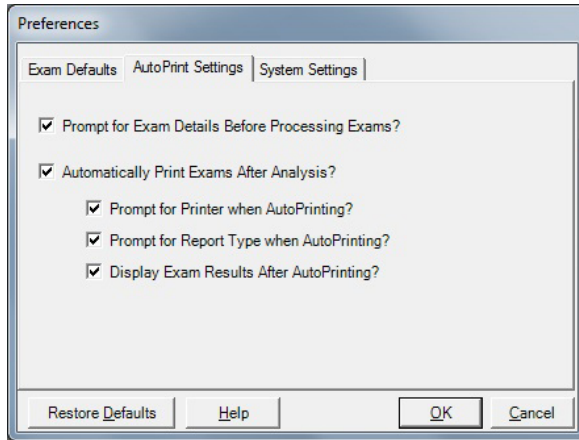


2. Click the **Exam Defaults** tab.
3. In the Default Operator box, enter the default operator name.
4. In the Default Physician box, enter the default physician name.
5. Select the default report type for each instrument:
 - BladderScan® (BVI 6100)
 - BladderScan Small Child (BVI 6200)
 - Mobile BladderScan (BVI 6400)
 - FloPoint® Elite
 - BVI 9400

If you want to see examples of each available report type, click the **View Report Type Samples** link.

AUTOPRINT SETTINGS TAB

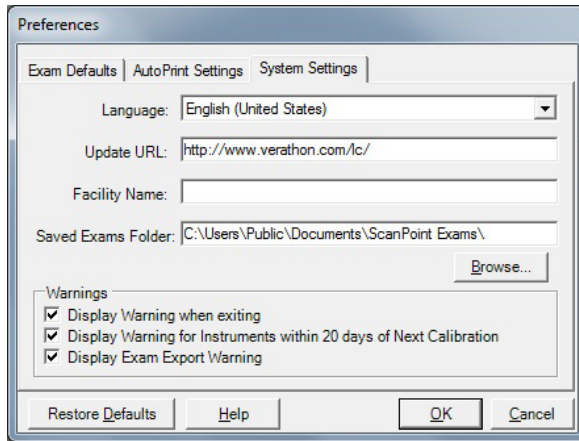
6. If you have not already done so, from the Tools menu, select **Preferences**. The Preferences dialog box opens.
7. Click the **AutoPrint Settings** tab.



8. Select the check box for each option that you want active.

SYSTEM SETTINGS TAB

9. If you have not already done so, from the Tools menu, select **Preferences**. The Preferences dialog box opens.
10. Click the **System Settings** tab.



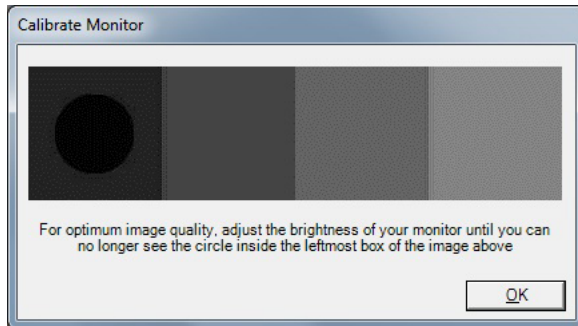
11. From the Language list, select the language (**English** or **Japanese**) in which you want Scan Point Local Client to appear.
12. In the **Facility Name** box, enter the facility name. This name will appear in the header of exam reports.
13. Ensure that the Saved Exams Folder is set to the correct location. Click **Browse** to select a location for saved exams.
Note: This folder is also selected during the installation of Scan Point Local Client.
14. Select the check box for each warning you want active.
15. Click **OK** to save your changes and close the preferences dialog box.

PROCEDURE 2. CALIBRATE THE COMPUTER MONITOR

In order to ensure the clearest possible display of B-mode images, your monitor must be calibrated for optimum performance.

Note: If you are using an LCD monitor, avoid high or low viewing angles when performing this test.

1. From **Tools** menu, select **Calibrate Monitor**. The Calibrate Monitor dialog box opens.



Depending on the current brightness setting of your monitor, you may or may not see a dark circle in the first box.

2. If you can see a black circle in the first box, decrease your monitor's brightness until the circle just disappears.

If you don't see a dark circle, increase the brightness until the circle is visible and then reduce the brightness until the circle just disappears.

The brightness setting is optimum when the circle just barely disappears.

TROUBLESHOOTING & MAINTENANCE

Verathon® provides an extensive array of customer care resources. To obtain a copy of this manual or Quick Reference Cards for an instrument, visit verathon.com/product-documentation. Product information is available at verathon.com.

REAL-TIME SYSTEM DIAGNOSTICS

If you are experiencing problems, Verathon Customer Care may request permission to view your application log. After you consent to send the log to Verathon, the log will be automatically transmitted.

The Application Log, available through the View menu, has a record of all the actions performed by Scan Point Local Client. It includes no patient health information.

Note: This troubleshooting tool requires an Internet connection and a Scan Point Online account.

COMMON ISSUES AND SOLUTIONS

This section contains explanations and suggestions for resolving common problems. If you are unable to resolve an issue, please contact Verathon Customer Care or your local representative. For contact information, please visit verathon.com/support.

I INSERT THE INSTALLATION CD INTO MY CD DRIVE, BUT THE INSTALLATION WINDOW DOES NOT APPEAR.

1. In a Windows® browser, navigate to your CD drive.
2. Double-click the **setup.exe** file.


I DON'T SEE ANY DOCKING STATIONS IN THE SCAN POINT LOCAL CLIENT WINDOW.

Any of the following solutions may resolve this issue:

- Check your USB connection. Ensure that the cord from your Docking Station is attached securely to your system.
- In the Scan Point Local Client window, click the **Find New** button.
- Try a different USB port.
- Restart your computer, and then reopen Scan Point Local Client.

I CAN'T SEE THE SCAN POINT ICON IN MY SYSTEM TRAY.

The Scan Point Local Client icon does not appear in the system tray when:

- The Scan Point Local Client window is open in the background.
- You have exited Scan Point Local Client. On your desktop, double-click the **Scan Point Local Client**  icon in order to re-launch the program.

I SEE A CONNECTED DOCKING STATION BUT NOT THE INSTRUMENT.

- Remove the device from its Docking Station, wait 3 seconds, and then replace it.
- Connect your Docking Station through a powered USB hub.
- Restart your computer, and then reopen Scan Point Local Client.

AN INSTRUMENT CANNOT COMMUNICATE WITH SCAN POINT LOCAL CLIENT.

If you are running Scan Point Local Client on a laptop computer, try connecting the instrument through an externally powered USB hub. Electric current available through the USB ports on some laptop computers can be limited.

I CAN'T FIND CERTAIN EXAM RESULTS.

Ensure that the exam was saved to the Saved Exams Folder after it was submitted. If an exam is not saved after it has been transmitted and submitted to Scan Point Local Client, it will not be shown in the Past Exams list.

GENERAL QUESTIONS

HOW DO I UNINSTALL SCAN POINT LOCAL CLIENT?

1. From the Windows® Start menu, open the **Control Panel**.
2. Double-click the **Add or Remove Programs** icon.
3. In the software list, locate and select **Scan Point Local Client**, and then click **Remove**.

