# **AccessPoint Cloud**

**By Freeland Systems** 

Freeland Systems AccessPoint Cloud Viewer and Reporting User Guide 1-888-615-1888

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#### AccessPoint Cloud Intended Use

AccessPoint Cloud is a cloud-based PACS for securely storing, managing, and viewing medical images. Hosted on AWS and FDA-compliant, it provides healthcare professionals with remote access to DICOM studies.

Designed for radiologists and medical imaging professionals, it supports multimodality imaging, integrates with reporting platforms, and streamlines workflows. Users can securely upload, view, and share images from a browser with internet access.



#### **Welcome to AccessPoint Cloud**

Open your Google Chrome internet browser



#### Enter: <u>https://apc.freelandsystems.net</u> into the top search field.







- Enter your AccessPoint Cloud username and password.
- Click "Login".
- If you are having trouble logging in, please select "Forgot Password?" or "Forgot username?"
- Call Freeland support if further help is needed.



#### **Top Tool Bar: Dicom Import**

	Welcome [Doctor ] Log Off	Dicom Import	Search   Forms Admin   M	/ly Account   What's New   Help
Choose Database				
RoweMemorial	ore to uplead			*
Drop files r	lere to upload			
				<b>.</b>

Images can be sent directly from the US machine, which is set up during the installation process. To send studies from a CD/DVD or USB or Dicom files use Dicom Import in AccessPoint Cloud.

- 1. Click "Dicom Import" on the top tool bar.
- 2. Drop and drag or upload your Dicom images.



## **Top Tool Bar: Dicom Import**



Select all the Dicom images or use the Ctrl to highlight and select only the images you want.

After the "All Dicom Files Uploaded" message pops up, click the "Search" tab to view the study.

All Dicom Files Upload	ed	×	
Rowe Memorial 🗸			
1 MB	4.6 MB	0.4 MB	
DV64XHEG	IYUYYSBG	MAC47DX4	





		Welcom	e [Doctor] Log Off   Users	earch   Data Miner
Patient	Study	User	Other	
Last Name	Institution	Reading User Last Name	Read Status	Search
			All 🔻	
Patient ID	Location	Referring User Last Name	Stat Status	
			All	Clear
Accession Number	Use Last Number of Days 🔻	Technologist	Modality	
	Last Number of Days			
	7		Hide Empty Values	



#### **Search Tool**

Click the Search Tab at the top right for the Patient List.

There are multiple ways to search for studies with the following search criteria:

- Patient Last Name
- Patient ID
- Reading Doctors Last Name
- Last number of days
- Date range
- Reading status
- Stat Status

Enter the search criteria and select the "Search" button.



## **Top Tool Bar: My Account**

Personalize your settings in My Account tab. Here you can:

Change your password

Update your email address

Set up to receive emails when a report is ready to be signed. Automatically load Patient Search Automatically progress images in study Scroll to New Image with mouse wheel Automatically summarize observations Reload report when switching tabs Set Idle Timeout

Make any necessary changes and then click "Save".

Iser Information		
fest Tester		
ebecca.raymond@freelandsystems.com		
Active		
True ¥		
Login ID		
Festraymond		
Licer Name		
user warne		
lest lester		
Email		
ebecca.raymond@freelandsystems.com		
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#### **Top Tool Bar: Forms Admin**

		Welcome [Doctor ] Log Off   Dicom Import   Search   Forms Admin   My Account   What's New   Help
Choose an Accou	Nt RoweMemorial	
Phrases		
Uploade	1? Comment	
Success	Auto-generated comment on 2/26/2024 from Upload New Phrases file by cathleen.kelle	er <u>Download</u>
Upload Ne	Phrases Edit Phrases Print Phrases History	
Measurem	ent Mappings	
View Mapp	Manage Mappings Add Measurements (CSV)	

Open the "Forms Admin" tab. Under the "Phrases" section click the "Edit Phrases" button.



#### **Top Tool Bar: Forms Admin -Available Templates**

- A list of available templates will populate on the left side of the screen.
- You can make changes to multiple templates at the same time.
- Select which template and section you would like to edit from the menu.

#### Edit Reporting Phrases

Choose from available phrases Demographics Abdominal -Abdominal Aorta ----Arterial Lower ---Arterial Upper Bladder Cardiac Cath Cardiac MRI -Carotid Carotid (Complete) -Echo (Complete) Echo (Complete) Brisbane Echo Basic (1pg) General Ultrasound -GSV Reflux -Pediatric Echo -Pelvic -PVR Renal Renal Duplex

#### **Top Tool Bar: Forms Admin Phrase Editor Window**

- The drop-down labels will appear.
- To view the observation phrase, hover over the label or click on the label to view the statement at the bottom of the window under Phrase Value.
- You will be able to edit the placement of the phrases by clicking on the statement and dragging and dropping.

Edit Reporting Phrases	
Choose from available phrases —Demographics	Edit the phrase tree for GALL_BLADDER
<ul> <li>Abdominal</li> </ul>	4 Normal
Procedure	Unremarkable
- Gall Bladder	Normal
-Liver	Folds
Right Kidney	Phrygain cap
—Left Kidney	4 Polyp
-Common Bile Duct	Polyp
Pancreas	Multiple polyps
— Spleen	Polyp size
Conclusions	A Calcul
-Abdominal Aorta	No Calculi Detected
-Arterial Lower	Small Calcui
-Arterial Upper	Small Multiple Calculi
i-Bladder	Large Calcul
-Cardiac Cath	Sludge Present
-Cardiac MRI	Sludge Not Present
(Carotid	A Wall Thickening
(-Carotid (Complete)	Normal
-Echo (Complete)	* Eccal Thickening
Edit details here	
Label	Choose Measurement to Add  Insert Measurement to Add  Insert Measurement
Norman	
Phrase Value	
The galovabler appears normal in size and wait the	
	w -
Conditional (Intelligent Reporting)	
	w l



#### **Top Tool Bar: Forms Admin** Sibling/Child Phrases

Add phrases as a sibling or as a child. Sibling allows the statement to be added to the same column as the statement selected. Child will add the statement as a subphrase.





#### **Top Tool Bar: Forms Admin - Edit Phrases**

A Plaque		
Intimal thickening CCA		
Mild intimal thickening and plaque CCA		
Moderate plaque		
Severe plaque		
<ul> <li>External carotid</li> </ul>		
Antegrade ECA		
Edit details here Label	Coards modellicementes	_
Intimal thickening CCA	Insert Measurement	Ť
Phrase Value	insert measurement	
There is intimal thickening, but no significant plaque is seen in the right common carotid artery.		
Is Normal?		

- Click on the statement you wish to edit.
- Locate the Label and Phrase Value at the bottom of the page.
- Click in one of those fields to make your changes.
- Add measurements to your statement by selecting the measurement from the "Choose Measurement to Add" dropdown and click "Insert Measurement".



#### **Top Tool Bar: Forms Admin - Auto Conclusions**

To have the statement auto populate into the conclusions:

- Select the statement from the menu.
- Click the "Insert Additional Statement" button.
- Copy and paste or type the statement you would like to have populate into the conclusion in the field below summary.

Edit Reporting Phrases	
hoose from available phrases	Edit the phrase tree for LEFT_VENTRICLE
CT Report	Î Search
Echo (Complete)	▲ Left Ventricle Observations
Rhythm	<ul> <li>Normal</li> </ul>
Left Ventricle	Chamber Size
Wall Motion	Diastolic Function
Ejection Fraction	Wall Thickness
LV Other	Global Systolic Function
Right Ventricle	Stenosis
·····Left Atrium	Chamber Size
Right Atrium	Normal
Mitral Valve	Chamber Size (LVIDd)
Aortic Valve	▷ Dilated
Pulmonic Valve	Decreased
Tricuspid Valve	<ul> <li>Wall Thickness</li> </ul>
Pressures	Normal
Venous	Concentric Hypertrophy
Pericardium	<ul> <li>Eccentric Hypertrophy</li> </ul>
	Basal septal
l <b>it details here</b> bel	
iastolic Function	
hrase Value	
Diastolic Function Phrase Value Diastolic function is normal for the age of the patie	ent.
s Normal?	
asort Additional Statement	
ISER AUDITORIal Statement	
/iew Intelligent Reporting	



#### **Top Tool Bar: Forms Admin – Setting Normal Statements**

To select which statements will populate when the normal button from the report observation page is selected:

- Select the statement you would like to have populate click on the label in the menu.
- Click the check box next to "Is Normal?"
- To deselect a statement, go back and deselect the box to stop the statement from auto populating.
- Please note that you will be able to auto populate multiple statement so be sure to turn off the other statements.
- For easier editing by using the Undo, Redo and Delete buttons on the top of the page.
- Don't forget to hit SAVE. Once you save you changes updates will be available to everyone immediately.

5 1	1			
Left Ventricle			Intellige Norm	nal Clear
Wall Motion				
Ejection Fraction				
LV Other				
Right Ventricle				
Left Atrium				
Right Atrium				
Mitral Valve				
A set a Males				
Aortic valve				
Pulmonic Valve				
Edit Reporting Phrases				X
Choose from available phrases	Edit the phrase tree for LEFT VENTRICLE			A. 1
-Cardiac Cath	* Search 5 → = = 💼	Type comments here (optional)		
-Cardiac MRI	<ul> <li>Left Ventricle Observations</li> </ul>	She mount on a (demony		
-Carotid	<ul> <li>Normal</li> </ul>			
-Carotid (Complete)	Chamber Size			
Echo (Complete)	Wall Thickness			
-Left Ventricle	Global Systolic Function			
Wall Motion	Diastolic Function			
Ejection Fraction	<ul> <li>Ejection Fraction</li> </ul>			
LV Other	80-85%			
Right Ventricle	75-80%			
Left Atrium	70-75%			
Right Atrium	>70%			
Mitral Valve	65-70%			
Aortic Valve	* 60-65%			
Edit details here				
Chamber Size			A	
Phrase Value				
Left ventricular chamber size is normal.			- -	
Conditional (Intelligent Reporting)			*	
Is Normal?				
Insert Additional Statement			Ψ.	-
				Save
	and the second second			

Observations

#### **Top Tool Bar: Forms Admin - Multiple Changes at Once**

- Make multiple changes to multiple templates all at once.
- Before moving on to another section or template you must save your work.
- Click the save button on the bottom right-hand side of your screen.

Chooses from available phrases Chooses from available phrases Cath C-Cardiac Cath C-Cardia Cath C-Ca	Edit Reporting Phrases			
Carolid (Complete) Carolid (Complete) Chamber Size Chamber Size Chamber size is normal. Chamber size is normal.	Choose from available phrases (Cardiac Cath Cardiac MRI Cardiac MRI	Search	Type comments here (optional)	
Aortic Valve     60-65%  Edit details here Label Chamber Size Phrase Value Left ventricular chamber size is normal.  Conditional (Intelligent Reporting)  Is Normal? Insert Additional Statement		<ul> <li>Normal</li> <li>Chamber Size</li> <li>Wall Thickness</li> <li>Global Systolic Function</li> <li>Diastolic Function</li> <li>Bio-85%</li> <li>76-80%</li> <li>70-75%</li> <li>&gt;70%</li> <li>65-70%</li> </ul>		
	I IAortic Valve Idit details here abel Chamber Size Prase Value eft ventrioular chamber size is normal. Conditional (Intelligent Reporting) s Normal? Insert Additional Statement	× 60-65%		



#### Top Tool Bar: What's New

#### What's New

Occasionally Freeland releases updates or changes to keep you in the loop. When these announcements come out, the website will open to the "What's New" tab. To move forward click the "Got It!" Button and then select the Search tab on the toolbar. (Selecting the "Got It" button will remove the "What's New" notice when you login).

Welcome [Rebecca Raymond ] Log Off | Dicom Import | Accounts | Groups | Users | Search | Data Miner | Summary | Roles | Forms Admin | My Account | Log | What's New | DB Create | Download |

What's New

New Website - APC.freelandsystems.net

access **POINT**  Mon Jan 03 2022

We have updated all our customers to our new website:

APC.freelandsystems.net

Please no longer use cpac.freelandsystems.net as this has caused an issue with reporting logos and signatures from appearing on the signed reports.



#### **Top Tool Bar: Download**

Click Download on the black tool bar.

Patient			Study				Use				Report		Ot	her			
Name			nstitutio	n			Readi	ng User	Last Name		Location		Re	ad Status			Search
test													A	VII 🗸			
Patient ID			Study D	escription			Refer	ing User	Last Name		Report Type		Sta	it Status			
											All	~	A	VII 🗸			
Accession Number			Use L	ast Num	ber of [	Days 🗸	Techn	ologist			Report Status		Мо	dality			Clear
			ast Nur	nber of Day	ys						All 🗸					_	
			7000													Rep	ort Only St
s Database	Stat	Date		Read		Modality	Num Im	Num M	Patient ID	Patient (Al	)	DOB	Sex	Report Status	Report		Institution
vt RoweMemorial		01/22/20	24	Deed			0	0	test	test, test				Signed	Echo (Complete)		

Check the study from the patient list

Chose ISO with viewer (images with Dicom viewer) or Zip file only.

Download | Help Click Download. STUDIES WILL BE DOWNLOADED Patient Study User Other Search FROM THIS DATABASE Name Institution Reading User Last Name Read Status RoweMemorial V Clear All test ~ THEN THEY WILL BE SENT TO Stat Status THIS EMAIL ADDRESS Patient ID Location Referring User Last Name All ~ rebecca.raymond@freelandsystems.com Modality Accession Numbe Use Last Number of Days 🗸 Technologist Last Number of Davs 7000 STUDIES TO BE DOWNLOADED Test Fax - 11/30/2023 test2 - 05/26/2023 Iso (with viewer) O Zip file only Download Study Date Modality Patient Name Report Stat Report Title Reading PF Study Desc Study Instit Study Loca Technologic Referring P Date Of Bir Number Of Database F Selected Patient ID accession / Sex 01/22/2024 test test test Signed Echo (Con 10.2.2.173: 11/30/2023 Test Fax testfax111 Signed Echo (Com 10.2.2.173: 05/26/2023 OT XA test2 1 2 840 114217 5 1 0 Test Test Vascular H( American H Test Test M 4 10 2 2 173 ~ PR.SR.US GYN TEST 2262220 RIS555555 F US PELVIC 10.2.2.173: 05/23/2023 TEST PHILLIP VI 01/01/2000 111 12/07/2022 SR,US 313131 Freeland Te 01/01/2000 26 10.2.2.173: OBGYN TEST 06/30/2022 SR,US TEST OB1 112222 FREELAND Test Test M 01/01/2000 15 10.2.2.173: 09/02/2021 TEST TEST ECHC 1234567899 RIS544444 F ECHO COM ROBERT F 01/01/2001 60 10.2.2.173: US Prepared Echo (Com 10/27/2009 SR,US E9 testing #3 2710093 0 Un-Assign BT10 QUAI ADM 25 10.2.2.173: of 1 🕨 🔰 Displaying 1 to 8 of 8 items 50 🗸 🚺 🖣 Page 1



#### **Top Tool Bar: Download** - Burning a CD/DVD or USB

Open the email sent to you from AccessPoint Cloud Notification.

After pressing "Click Me" the study will download.

View the download from the icon or download folder.



The files may open directly into the CD folder. If not, select open with File Explorer and copy and paste the files to the CD/DVD.





# **Patient Search Screen**



## **Patient Search Screen**

Locate your studies by searching:

Name Patient ID Accession Number Institution Study Description Last number of days or Date Ra Reading Physician Last Name Referring Physician Last Name Technologist Location Report Type dropdown Report Status dropdown Read Status dropdown Stat Status dropdown Modality

Enter the search criteria and select the Search button for the patient list.

							Patient	Study			User		Report		Other				
							Name	Institution			Reading User L	.ast Name	Location		Read Status		Search		
															All 🗸				
							Patient ID	Study Descrip	tion		Referring User	Last Name	Report Type	~	All 🗸				
							Accession Number	Use Last	Number of Days	~	Technologist		Report Status		Modality		Clear		
								Last Number	of Days				All 🗸				Denet Only	Oburtu	
								7000									Report Only	Study	
Status Date	Read		Stat	Num	n Num	Modalit	y Patient ID	Patient	Accession	Sex	Report Status	Report	Reading	Description	Institution	Location	Technologist	Referring	DOB
Available 10/09/202	3 Rea	d 🗸		89	165	SR,US	44969	Test Test-MCKAY		м	Signed	Echo (Complete)	Keller, Test 🗸				LS	test L Rowe	08/19/1932
Available 05/26/202	3 Unr	ad 🗸		4	5	OT,XA	1.2.840.114217.5.189243325	test2		0	Prepared	Echo (Complete)	Test, Test 🗸	Vascular HQ	American Heart	c		Test Test MD	
Available 05/23/202	3 Unr	ead 🗸		111	27	PR,SR	U 2262220	GYN TEST	RIS555555	F			<b></b>	US PELVIC COMP	LE		TEST	PHILLIP VINCENT P	01/01/2000
Available 12/07/202	2 Unr	ad 🗸		26	37	SR,US	313131	OBGYN TEST		F			<b>~</b>		Freeland Test				01/01/2000
Available 06/30/202	2 Rea	d 🗸		15	19	SR,US	112222	TEST OB1		F			<b></b>		FREELAND			Test Test MD	01/01/2000
Available 09/02/202	1 Unr	ad 🗸		60	5	US	1234567899	TEST TEST ECHO	RIS544442	F	Prepared	Echo (Complete)	<b>~</b>	ECHO COMPLETE				ROBERT F ; BURKE	01/01/2001
Available 08/21/202	1 Rea	d 🗸		36	51	SR,US	176967	Jaxx Paparello		м	Signed	Echo (Complete)	Test, Test 🗸		Waipahu Waikel	e	ADM	Test Test MD	03/09/2018
Available 05/15/202	0 Unr	ad 🗸		8	0	NM	432535	TODD FINK		м	Prepared	Echo (Complete)	Test, Test 🗸	WBR_R-3card RES	ST	Freeland Test Fa	c	David C Freeland	
Available 05/15/202	0 Unr	ad 🗸		9	5	NM	546627	JANICE LAPPIN RUS	SI	F			Test, Test 🗸	WBR_R-3card RES	ST			Test Test MD	04/10/1953
Available 10/14/201	9 Unr	ad 🗸		7	0	СТ	PLC29541	ROGER HO	PLC101419006	м			<b>~</b>	PLC CAS SPIRAL	FB Princeton Longe	v CT	= DC		07/14/1980
Available 06/17/201	9 Rea	d 🗸		2	0	CR	85736578362334	Smith Sample>	XR190328574	F			Un-Assigned 🗸	XR Spine Lumbar	AP Methodist Medic	a		NONE NONE	01/01/0001
Available 03/13/201	9 Unr	ad 🗸		14	15	SR,US	526498752315	Joanne Holla		F			Test, Test 🗸	AORTA	Lucid Diagnostic		cc	Test Test MD	01/01/0001
Available 03/12/201	9 Unr	ead 🗸		30	59	SR,US	58974621354	Happy Gilmore		м			Flintstone, Fre 🗸	CAROTID	Lucid Diagnostic		cc	Test Keller	01/01/0001
Available 03/12/201	9 Unr	ad 🗸		31	42	SR,US	78985642154	Sue Flanagan		F			Un-Assigned 🗸	BL L/E ARTERIAL	Lucid Diagnostic		EA		01/01/0001
Available 03/12/201	9 Rea	d 🗸		59	65	SR,US	78985642154	Sue Flanagan		F			Test, Test 🗸	ECHO	Lucid Diagnostic		EA	Test Test MD	01/01/0001
Available 03/12/201	9 Unr	ead 🗸		31	58	SR,US	78985642154	Sue Flanagan		F			Un-Assigned 🗸	CAROTID	Lucid Diagnostic		EA		01/01/0001
Available 03/12/201	9 Unr	ead 🗸		8	0	US	48975623541	Mary Needy		F			Un-Assigned 🗸	UL L/E VENOUS	Lucid Diagnostic		сс		01/01/0001
Available 03/12/201	9 Rea	d 🗸		32	45	SR,US	589764521	Caroline Smith		F			Un-Assigned 🗸	ECHO	Lucid Diagnostic		сс	John C Freeland	01/01/0001
Available 03/12/201	9 Rea	d 🗸		29	57	SR,US	125894685347	Felix Fixit		М			Un-Assigned 🗸	CAROTID	Lucid Diagnostic		сс	David C Freeland	01/01/0001
Available 03/12/201	9 Rea	d 🗸		59	61	SR,US	8965321452144	Perfect Hundo		м			Test, Test 🗸	ECHO	Lucid Diagnostic		EA	Test Test MD	01/01/0001



#### **Patient Search Screen: Date Range/Last number of Days**

#### **Date Range**

• Enter start date and end date range you would like to display.

#### **Last Number of Days**

- Please note the "Use Last Number of Days" drop down. This field will only allow studies that have been performed within the number of days that are selected.
- Suggested number of days is 5-7 days for quickest search results.

			Welcome [Doctor] Log Off   Users	Search	Data Miner
Patient	Study	User	Other	~	
Last Name	Institution	Reading User Last M	Name Read Status	~	Search
Patient ID	Location	Referring User Last	All   Name Stat Status		Clear
Accession Number	Use Last Number of Days   Last Number of Days	Technologist	Modality	_	olda
	7		Hide Empty Values		





## **Patient List Screen: Read Status**

Read status default is set to All.

Chose from the dropdown: All Read Unread

Most physicians' default to display Unread reports. This allows the patient list to be only the studies that need to be read. Once the study has been read it will remove from the list.

Other Read Status Unread  Stat Status All	Search
Modality	
Hide Empty Values	Clear <

\*When you enter new search criteria click on the "Search" button to update your Directory



## **Patient List Screen: Status Column**

Please note the Status column on the left side of your screen

> Green- Available Yellow- In Progress Red- Pending

Status 🔻	Date	Modality	Read		Stat
Available	03/12/2019	SR; US	Unread	•	
Available	03/12/2019	US; SR	Unread	¥	
Available	03/12/2019	US; SR	Unread	۲	
Available	03/12/2019	US; SR	Unread	¥	
InProgress	03/12/2019	US; SR	Unread	¥	
Pending	01/17/2019		Read	T	
Available	12/27/2clos Retrie	se eve			
Available	08/12/2 Edit F	Patient			
Available	01/15/2				
Available	01/14/2 <del>018</del>	05, SR	Unread	۲	
Available	01/11/2018	US; SR	Unread	¥	

Green -Available the study is ready to open and read/view.

Yellow - In Progress the study is not ready to read and is still transferring to the data base.

Red - Pending means the study is not ready to open.



#### **Patient List Screen: Column Preferences**

The patient directory is customizable to your preferences:

Sort the column information by hovering over the column name and click on the column to sort alphabetical or chronological.

The order of the columns can be changed by simply clicking (and holding) on the column and dragging to the preferred location.

Hover over the patient study column header, click on the black arrow and select which column(s) you would like to be displayed.

Status       Date       Modality       Stat       Read       Patient ID       Location         Status       Date       Modality       Stat       Read       Patient       Joanne Holla       Image: Control of Cont	Referring User I Technologist	r Last Name	All  at Status All at Status All at Gradity All Accession	es Sex
Status       Date       Modality       Stat       Read       Patient       Use Last Number of Day L	Technologist DOB f	Patient ID	All  All  All  All  Addality Addality Accession	es Sex
Accession Number       Use Last Number of Day Last Numer of Day Last	DOB F	Patient ID	dality Hide Empty Valu Accession	es Sex
Status Date Modality Stat Read Patient Image: Contract of Con	DOB F	Patient ID	Hide Empty Valu Accession	es Sex
Status       Date       Modality       Stat       Read       Patient       Image: Constraint of the constra	DOB F	Patient ID	Hide Empty Valu Accession	Sex
Status     Date     Modality     Stat     Read     Patient       Modality     Stat     Read     Patient     Image: Constant of the state of the s	DOB I	Patient ID	Accession	Sex
Available     03/13/2019     US; SR     Unread     Joanne Holla       Available     03/13/2019     US; SR     Unread     Joanne Holla       Available     03/12/2019     US; SR     Unread     Joanne Holla	Status			
Available     03/13/2019     US; SR     Unread     Joanne Holla       Available     03/13/2019     US; SR     Unread     Joanne Holla       Available     03/12/2019     US; SR     Unread     Caroline Smith				
Available         03/13/2019         US; SR         Unread         Joanne Holla           Available         03/12/2019         US; SR         Unread         Caroline Smith         Image: Caroline Smith	Database	752315		F
Available 03/12/2019 US; SR 🛛 Unread 🕶 Caroline Smith	Date	752315		F
TRANS	Stat	521		F
Available 03/12/2019 US Unread V Mary Needy	Read	23541		F
Available 03/12/2019 US; SR Unread Perfect Hundo	Patient	1452144		м
Available 03/12/2019 US: SR Unread Harry Henderson	DOB Patient ID	435241		м
Available 03/12/2019 US: SR Unread Happy Gilmore	Accession	21354		м
Available 03/12/2019 US; SR. Unread V Sue Flanagan	Sex	42154		F
Available 03/12/2019 US; SR I Unread Felix Fixit0	Report Status Report	685347		М



## **Patient List Screen: Bottom Tool Bar**

Welcome [Test Tester ] Log Off | Dicom Import | Users | Search | Data Miner | Forms Admin | My Account | What's New | Download | | Help Patient Study User Report Other Name Institution Reading User Last Name Read Status Location Search All ~ Stat Status Patient ID Study Description Referring User Last Name Report Type All All ~ Modality Accession Numbe Technologist Report Status Clear Use Last Number of Davs 🗸 All × Use the bottom tool bar: Last Number of Days Report Only Study 7000 Select how many studies to Status Date Read Patient Sex Report Status Institution Technologi Referring DOB Stat Num Num Modality Patient IF Accession Report Reading Description Location vailab 05/23/2023 GYN TEST RIS555555 US PELVIC COMPLE TEST PHILLIP VINCENT PI 01/01/ view on the page. Unread V 111 27 PR.SR.U 2262220 ~ Availabl 12/07/2022 313131 OBGYN TEST F Freeland Test 01/01/ Unread 🗸 ~ vailab 01/01/ 06/30/2022 112222 TEST OB1 F FREELAND Test Test MD Move through the pages. Read ~ SR.US ~ vailabl 1234567899 TEST TEST ECHO RIS5444442 F Prepared Echo (Complete) ECHO COMPLETE ROBERT F ; BURKE 01/01/ 09/02/2021 US × Unread Availabl 08/21/2021 Jaxx Paparello M Signed Echo (Complete Waipahu Waikele ADM Test Test MD 03/09/ Refresh. Read ~ SR US Test, Test × Availabl 05/15/2020 Unread V 432535 TODD FINK 6.4 Prepared Echo (Complete Test, Test WBR\_R-3card REST Freeland Test Fac David C Freeland ~ Availabl 05/15/2020 546627 JANICE LAPPIN RUSSI WBR\_R-3card REST Test Test MD 04/10/ NN Unread 🗸 Test, Test Display Total items in the Availabl PLC29541 ROGER HO PLC101419006 = DC 07/14/ 10/14/2019 8.4 PLC CAS SPIRAL FB Princeton Longev CT Unread V ~ selected date range. Availab 06/17/2019 85736578362334 Smith Sample: XR190328574 XR Spine Lumbar AP Methodist Medica NONE NONE 01/01/ Read ~ CB Un-Assigned V Availab 526498752315 F сс 01/01/ 03/13/2019 Joanne Holla AORTA Lucid Diagnostic Test Test MD Unread 🗸 15 SR US Test, Test vailab Happy Gilmore М Lucid Diagnostic сс Test Keller 01/01/ 03/12/2019 59 58974621354 CAROTID Unread V Flintstone, Fre V vailab 03/12/2019 8985642154 Sue Flanagan F **BL L/E ARTERIAL** Lucid Diagnostic EA 01/01/ 42 Unread ¥ Un-Assigned V F EA Test Test MD 01/01/ Availabl 03/12/2019 78985642154 Sue Elanagan ECHO Lucid Diagnostic 65 SR US × Test. Test vailab Sue Flanagan F Un-Assigned V CAROTID EA 03/12/2019 78985642154 Lucid Diagnostic 01/01/ 58 Unread ¥ vailabl 03/12/2019 48975623541 Mary Needy F UL L/E VENOUS Lucid Diagnostic CC 01/01/ Unread V Un-Assigned V Availabl 03/12/2019 32 45 SR US 589764521 Caroline Smith F ECHO Lucid Diagnostic cc John C Freeland 01/01/ Un-Assigned V vailah Felix Fixit м Lucid Diagnostic сс David C Freeland 01/01/ 03/12/2019 57 SR US 12589468534 CAROTID Read 29 Un-Assigned V Perfect Hundo Μ EA Test Test MD 01/01/ vailab 03/12/2019 896532145214 ECHO Lucid Diagnostic Read Test, Test ~ ~ Available 8965321452144 Perfect Hundo м EA 01/01/ 03/12/2019 15 SR.US AORTA Lucid Diagnostic Unread V Un-Assigned V 50 🗸 🚺 🖣 Page 1 of 2 Displaying 1 to 50 of 64 items



# **Open Study Dropdown**



## **Open Study Dropdown**

- Left click on the patient for the Study Selection Menu
  - Open Study Opens images.
  - Open Report Opens the report and images.
  - Peek PDF View, fax or print the PDF without making changes.
  - Re-send Upload the study again if the transfer was interrupted and not all images come across.
  - Edit Patient Change patient data that display on the patient list.
  - Study Share send a HIPPA safe email study and report to the patient or referring physician.
  - Merge with Pre-Imaging Report Merge a pre-image report after the images transferred from US machine.
  - Delete Techs can delete their own report. Admin users can delete studies or reports



## **Open Study Dropdown: Open Study & Open Report**

**Open Study:** The image thumbnails will also display to the opposite of the viewer.



**Open Report:** The image thumbnails will also display at the bottom of the viewer and the report will open on the right.

	1 0160 D BC	Screen Shot Measure	Reference and the Reference an	tresh Measurements
	09/02/2021 10:07:39 AM	0dB / MI: 1.13 / TIS: 0.86 Cardiac / SUSIE CARDIAC* / 4V1c	Demographics Measurements Wall M File Attachments	Notion Observations Screen Shots Free Graphics Captured Measurements
			Name	Patient ID
		61 fps / 110 mm	ECHO, TEST TEST	1234567899
		107 bpm / NTHI General	Exam Date	
		2D	9/02/2021	
		TEO: 2 / Offset: 5 dB	Accession Num	Account Num
	and the second	DR: 50 dB	R155444442	
	and the second second	D0	Exam Num	
	and the second second	M: D		
		Store in Progress	DOB	Age ()
	A start		1/01/2001	20
	and the second second		Gender	
	A COMPANY A		F. 8 0	
			Height (inches)	Weight (lbs)
	and the second second		0	0
	ALL		BSA	
		- States	0	
	and the second second		Height (cm)	Weight (kg)
	and the second	a feetal	0	0
			Heart Rate	
		,	BP Systole	BP Diastole
٨			Technologist	Previous Study
1-	~h~h~h~h~h~h~h~h~h~h~h~h~h~h~h~h~h~h~h		0	
and the second		- North International Control of	Previous Study Type	
		1	0	
			Referring Physician	Reading Physician
				θ θ



## **Open Study Dropdown: Peek PDF**

- Using our Peek PDF feature will allow users to look at finalized or prepared reports without making any changes to the study.
- Within this function the user is then able to print, download or fax reports from within AccessPoint Cloud.
- Click the X to close the PDF.

TEST TEST ECHO   Acc: RIS5444442   Date: 09/02/2021   ECHO COMPLETE	8
↓ III         → IIII         → 98%         HUD         ↓ 1 of 60         ▶ B/C         Measure         []	Images Winterio Refresh Measurements
0dB / MI: 1.13 / TIS: 0.86 09/02/2021 10:07:39 AM Cardiac / SUSIE CARDIAC* / 4V1c	= GetLockedPdfFile 1 / 3   − 79% +   🗄 🗞 🔛 🛨 👼 🗧
61 fps / 110 mm 108 bpm / NTHI General 2D H4.0MHz / 6 dB TEQ: 2 / Offset: 5 dB	ACCESS Point Freeland Systems, LLC Telephone: 888-615-1888 Fax: 720-907-0370 www.freelandsystems.com
DR: 50 dB	Cardiovascular Imaging Laboratory Transthoracic Echocardiographic Study Report
M: D Store in Progress	Name:         ECH0, TEST TEST         Exam Date:         9/02/2021         Patient ID:         1234567899           Accession Num:         RIS5444442         DOB:         1/01/2001 Age:         20         Gender:         F           DOB:         1/01/2001 Age:         20         Gender:         F         F
	Referring Physician: BURKE, ROBERT F ; BURKE ROBERT F
	Conducione
	Electronically Signed: Administrator Rebecca Raymond PRELIMINARY REPORT Mon Mar 04 2024 2:48:46 PM
	Unlock report Fax Ech



## **Open Study Dropdown: Resend/Retrieve**

**Re-send** - Upload the study again if the transfer was interrupted and not all images come across. **Retrieve** - Reconverts the study to be available to view.

Please note the Status column on the left side of your screen.

Green and "Available" the study is ready to open and read/view.

Yellow and "In Progress" the study is not ready to read and is still transferring to the data base.

Red and "Pending" means the study is not ready to open.





#### **Open Study Dropdown: Merge with Pre-Imaging Report**

Merge a pre-image report after the images transferred from US machine.

#### Click the Report Only Study on the Patient List Screen.

					Welcome	e (Test Tester	] Log	) Off   Dicom Ir	nport   Users	Search   Data M	iner   Forms Admir	ı   My Account	What's New	Downloa
	Pa	atient		Study		User			Report		Other			
	Na	me		Institution		Reading Us	er Las	t Name	Location		Read Status		Search	
											All V	~7		
	Ра	tient ID		Study Desc	nption	Reterring U	ser La	st Name	All	~	All	$\checkmark$		_
	Ao	cession Number		Use Las	st Number of Days 🗸	Technologis	t		Report Status		Modality		Clear	
				Last Numb	er of Days				All 🗸				Report Only	Study
				700								_		
Status	Date	Read	Stat	Patient	Patient ID	Accession	Sex	Report Status	Report	Reading	Description	Institution	Location	Technologis
Available	05/26/2023	Unread 🗸		test2	1.2.840.114217.5.189		0			Test, Test 🗸	Vascular HQ	American Heart C		
Available	06/30/2022	Read 🗸		TEST OB1	112222		F			<b></b>		FREELAND		
Available	05/23/2023	Unread 🗸		GYN TEST	2262220	RIS555555	F			<b></b>	US PELVIC COMPLE			TEST
Available	12/07/2022	Unread 🗸		OBGYN TEST	313131		F			<b></b>		Freeland Test		
Available	10/09/2023	Read ¥		Test Test-MCKAY	44969		М	Signed	Echo (Complete)	Keller, Test 🗸				LS

Select Pre-Image Report from the New Report Context dropdown. Fill in information for this screen then click OK. It is only necessary, to have the first, last name; patient ID and study date in this pop-up window.

Report Only Study			×
Create New Report	Patient Information	Study Information	
Choose Database RoweMemorial ✓ New Report Context	First Name	Study date Study description	
Pre-Image Report 🗸	Middle Name	Accession	
	Prefix	Institution	
	Suffix Patient ID		
	Date of Birth	]	
	Gender		
			OK Cancel



#### **Open Study Dropdown: Merge with Pre-Imaging Report**

#### Select Report Type then Click Create.

Choose New Report Type:
Abdominal
Abdominal Aorta
Abdominal Aorta with Doppler
Ankle Brachial Index
Aorta Iliac
Arterial Lower
Arterial Upper
Bladder
Bypass Graft
Cardiac Coronary CT Report
Cardiac Report
Carotid (Complete)
CIMT
CT Report
Echo (Complete)
Echo (Complete) Calcs
Echo Basic (1pg)
Endovascular Ateriovenous Fistula
Exercise Stress Test
Fetal Echo

Use Prior Observations

Create

#### Complete the Report and Click Review and Finalize.

Name	Patient ID	Exam Date				
test2 TEST	1 2 840 114217 5 1892433251 260130	5/26/2023				
Accession Num	Account Num	Exam Num				
DOB	Age (years)	Gender				
	-1	0				
Height (inches)	Weight (lbs)	BSA				
0	0	0				
Height (cm)	Weight (kg)	Heart Rate				
0	0					
BP Systole	BP Diastole					
Technologist	Previous Study	Previous Study Type				
0		0				
Referring Physician	Reading Physician	Study Location				
- (	Ū - Ū	0				
Primary Physician	Ordering Physician	Сору То				
0	0	0				
Indications	Risk Factors	Medications				
0	0	0				
Procedure	Study Quality					
0	0					
ICD-10 Codes	CPT Codes					
0	0					
Tech Notes (private notes not on report)	Auto-Filled Fax Number (referring physician fax)					



#### **Open Study Dropdown: Merge with Pre-Imaging Report**

The Status Column will show a Report and when the images are transferred the Available.

Status	Date	Read	Stat	Patient	Patient ID	Accession	Sex	Report Status	Report	Reading	Description	1
Available	05/26/2023	Unread V		test2	1.2.840.114217.5.1892433251.260130		0			Test, Test 🗸	Vascular HQ	4
Report	05/26/2023	Unread 🗸		TEST test2	1.2.840.114217.5.1892433251.260130			Prepared	Echo (Complete)	<b>~</b>		

Right click the study from the patient list and select "Merge with Pre-Imaging Report".

Click the Report you like to merge to the images To assist in locating the report: Scroll on the right to locate the report, use the search feature on the bottom tool bar.

Click Merge.

Study Merged Successfully will show at the top of the page.

Selected Study				
Patient Name:				
test2				
Patient ID: 1.2.840.114217.5.18	92433251.260130			
Study Date:				
5/26/2023				
Study Description:				
Vascular HQ	in Study:			
5	in Study.			
0				
Select report to merge v	with study above			
Patient Name	Patient ID	Study Date	Description	
test, test	test	2/29/2024		
test, test	test	1/22/2024		
Fax, Test	testfax111	11/30/2023		
test2, TEST	1.2.840.114217.5.1892433251.260130	5/26/2023		
20 🗸 🚺	4 Page [1	_	of 1 🕨 🕌 🤔 Displaying 1 to	4 of 4 items

The Status Column show Available and the report is attached with the images.

Status	Date	Read	Stat	Patient	Patient ID	Accession	Sex	Report Status	Report	Reading	Description
Availabl	05/26/2023	Unread 🗸		test2	1.2.840.114217.5.1892433251.260130		0	Prepared	Echo (Complete)	Test, Test 🗸	Vascular HQ



#### **Open Study Dropdown: Edit Patient**

Edit Patient Information			×
Patient Demographics	Study	Complete Study List	
Patient First Name         TEST         Patient Last Name         ECHO         Patient Middle Name         TEST         Patient Name Prefix         Date Of Birth         1/1/12001         Patient ID         Patient ID         Patient ID records?	Study Description ECHO COMPLETE Accession Number RIS544442 Location Institution Technologist	Study Date       Description       Reading       Report Name       Report Status         9/2/2021       ECHO COMPLETE       Echo (Complete)       Prepared       Individual edit	
		Save	Cancel

Update any of the listed fields and click "Save".

Check the "Merge all Patient ID records" if there are multiple studies to be corrected.



# **Open Study Dropdown: Study Share**

Instantly, easily and securely share studies with patients and/or referring physicians. You never need to burn a CD again!

Enter one email address at a time and click "StudyShare".

A green text bar will appear across the top of stating the study has been successfully shared.

The recipient will receive an AccessPoint Cloud Notification email.

Click on the link "Study" to be directed to the log in page.

Study Sha	re				×					
Study Share to these people         Referring Physician Email         doctor@md.com         Patient Email         An email will be sent to these people allowing them access to this study.										
				StudyShare	Cancel					
	Study Shared				×					
	Last Name	Institution	Reading User Last Name	Read Status	Search					
	Patient ID	Location	Referring User Last Name	Stat Status						
	Accession Number	Use Last Number of Days 🗸	Technologist	Modality	Clear					
	A44	10000		Hide Empty Values	Report Only Study					



#### **Open Study Dropdown: Study Share - Physician View**

0.

When using for the first time the physician must click register as a new user.

Then going forward the email and password can be used to log in.

Or you can use an existing Microsoft or Google account to log in.

accessPoint Study Share	
Log in	
Use a local account to log in.	Use another service to log in.
Email	Microsoft Google OpenIdConnect
Password	
Remember me?	
Log in	
Register as a new user	
Access to patient health information is prohibited	d unless you are involved in the patient's treatment, billing or to maintain and improve health care
operations. Password/Login sharing is strictly pro	hibited. This system is monitored and reviewed for improper access or inappropriate use of patient health
information.	



#### **Open Study Dropdown: Study Share - Physician View**

Once securely logged on the report and images will open.



Switch to patient list by clicking Studies. Click View to open the study and report.





## **Open Study Dropdown - Patient View**

accessPoint

Name: AMIDALA, PADME

DOB: 11/01/1994 Age: 23

Indications: Abnormal Chest X-Ray

Normal echocardiogram.
Wall motion abnormalities noted

Please see above for details

Risk Factors: Carotid Artery Diseas

Ht: 72 in Wt: 200 lb

Left Ventricle

Wall Motion:

Left Atrium:

Aortic Valve

Vanous

Tricuspid Valve:

· Free text

Electronically Signed: Dr. Stephen Strange Freeland Demo doctor Fri May 05 2023 2:18:01 PM

After clicking on the link, a login screen window will appear.

Please fill in the fields and click Submit.

Once securely logged on the report and images will open.

Click the download icon on the right side of the screen to download the study and report.

#### Welcome to Patient Share

Please follow these three simple steps to gain access to your images and reports. Submit your name, date of birth and accept the terms and conditions.

First Name
Last Name
Date of Birth mm/dd/yyyy
Submit





## **Open Study Dropdown: Delete**

Delete My Report - Techs can delete their own report. Delete - Admin users can delete images and/or reports. Both options will give a Delete confirmation pop up box.

												We	lcome [	Test Tester ] Log	Off   Dicom Impor	t   Search	My Account	What's Ne
	P	atient				Study		Use	er			Repo	rt		Other			
	N	ame				Institution		Reading User Last Name		Locatio	n		Read Status		Search			
	Pa	atient ID				Study Desci	iption			Vame	Report Type			Stat Status				
	Ad	Accession Number			Use Las Last Numbe	t Number of Days 🗸 r of Days	Technologist		Report Status All			Modality		Clear				
						700										L	Report On	Study
Status	Date	Read	5	Stat	Patient		Patient ID	Accession	n S	Sex R	eport Status	Report		Reading	Description	Institution	Location	Technolog
Available	05/26/2023	Unread	•		test2		1.2.840.114217.5.1892	clos	se	11222	2		ilete)	Test, Test 🗸	Vascular HQ	American Heart	c	
Available	06/30/2022	Read	•		TEST OB	1	112222	Oper Oper	n Study n Repoi	rt				~		FREELAND		
Available	05/23/2023	Unread	•		GYN TES	т	2262220	R Peek	k PDF					~	US PELVIC COMPLI	E		TEST
Available	12/07/2022	Unread	•		OBGYNT	TEST	313131	Merg	ge with I	Pre-l	Imaging F	Report		~		Freeland Test		
Available	10/09/2023	Read	•		Test Test-	MCKAY	44969	Edit	Patient				ilete)	Keller, Test 🗸				LS
Report	01/22/2024	Read	•		test test		test	Dele	te				ilete)	~				
Pending	02/29/2024	Unread	~		test test		test	Dele	te My F	Repo	rt			~				
								Delet	<b>e Stud</b> /hich pa	<b>ly</b> arts	of the stu	idy do yc	ou war	it to delete?		×		
								Ir	mages	and	Reports	Re	port O	nly Image	es Only Ca	incel		



# Image Viewing Toolbar





To click through the images one by one use the left and right arrows in the middle of the tool bar or the arrows to the left and right of the image. Or can click on the image thumbnail you would like to view. Images will also advance using the page up and page down keys on your keyboard. You can view images in a single frame, 4-Up, 9-up, 16-up display by selecting the square box on the toolbar.



SYSTEMS

## ImageViewing Toolbar: Advance clips & HUD



To advance video frame by frame on the toolbar use the arrows on either side of the pause/play button.

To speed up or slow down images use the + and – buttons on your toolbar.

HUD (Heads Up Display) this will allow you to see what frame is currently being viewed. It will display the frame on the top left corner of the image.



## Image Viewing Toolbar: Image Display

1. By selecting the zoom tab, you can make the image larger or smaller. Click on the tab and use your scroll wheel on your mouse to increase and decrease the size of the image.

- 2. You can also zoom in and out of the selected image by clicking and dragging the center bar left or right.
- 3. Select the B/C tab you can adjust the brightness and contrast of an image.



#### **Image Viewing Toolbar: Offline Measurements**



Freeland SYSTEMS

## **Image Viewing Toolbar: Offline Measurements**

#### **Volume measurements**

- To take a volume measurement Click along the area you are measuring using multiple clicks.
- Close the area and click on the done button. The done button is located on the viewing toolbar above the image.
- The measurement will populate on the screen.
- Record your results and click update. (To update the measurement so it is saved in the report you must take the measurement from the report page).

# Measurement Results Volume 57.51 ml Area 18.62 cm2





To Measuring Doppler images will require an additional step. To obtain accurate measurements a baseline will need to be set to zero.

Click on your image.

A line will appear- this is for you to set the baseline of the measurement. Line it up with the baseline on the screen.

Continue clicking around the envelope you wish to trace back to the baseline.

Select the done button to obtain your measurement results window.



#### **Full Screen Image Viewing**

- To view images in a full screen, click the dotted black box on the righthand side of the viewing toolbar.
- The thumbnails will go away, but you can still use the toolbar and the page up and page down keys to move through the images.
- To exit out of the full screen just click on the dotted black box again.





# Reporting



# **Reporting: Selecting the Report**



- To begin the reporting process, select the report button located at the top right portion of the screen.
- Select the template you want create.
- If there is a previous report found in the system, the prior report type and date will populate above the prior observations check box.
- You can elect to pre-populate the observation statements used in the previous report.
- To use the statements, check the "Use Prior Observations" checkbox and click the "Create" button.
- If a previous report is not available, "No Prior Reports Found" will display, Click the "Create" Button to start your report.

#### Images Choose New Report Type: Abdominal Abdominal Aorta Arterial Lower Arterial Upper Bilateral Venous Reflux Bladder Cardiac Cath Cardiac MRI Carotid Carotid (Complete) Echo (Complete) Echo (Test) Echo Basic Echo Basic (1pg) Echo With Calcs General Ultrasound GSV Reflux Nuclear Imaging with Pharm Stress and Gated SPECT **OB** Single Fetus Pediatric Echo Use Prior Observations Create



## **Reporting: Template Tabs**

Click "Images" if you need to go view the images without the report.

The "Unread" is used to manually mark the report as Read or Unread.

"Non-Stat" can be clicked to change the Status to STAT.

The template will automatically open to the Demographics tab.

Click the name of the tab to move back and forth through each section to complete the report.

Demographics
Measurements
Wall Motion
Observations
Screen Shots
Free Graphics
Captured Measurements
File Attachments

Click "Review" from any tab to finalize the completed report.

Images Un-Read Non-Stat Refresh Me	
Demographics Measurements Wall Motion	Observations Screen Shots Free Graphics Captured Measurements File Attachments
Name ECHO, TEST TEST	Patient ID 1234567899
Exam Date	
9/02/2021	
Accession Num	Account Num
RIS5444442	
Exam Num	
DOB	Age ()
1/01/2001	20
Gender	
F. 🗊 🖸	
Height (inches)	Weight (lbs)
63	153
BSA	
1.73	
Height (cm)	Weight (kg)
160	69.4
Heart Rate	
BP Systole	BP Diastole
Technologist	Previous Study
0	
Previous Study Type	
0	
Referring Physician	Reading Physician
Freeland, David C 🔹 👽	· U
Echo (	Complete) Saved: Wed Mar 06 2024 4:31:03 PM Cancel Changes Save Review



## **Reporting: Demographics**

- The first tab on the menu above the report screen is the demographics tab.
- Patient data will auto-populate from the ultrasound machine.
- Any information that was not entered into the machine will not populate.
- Click in any of the boxes to free text missing information.
- Fields with gray dropdowns will have standard phrases attached.
- Any additional phrases can be added or edited using the Phrase editor tool. See phrase editor pages 11- 17 for more information.
- Multiple findings may be selected in several fields such as medications and indications.
- Enter height and weight in the corresponding fields a BSA will calculate.

Demographics Mea	asurements	Wall Motion	Observations	Screen Shots	Free Graphics	Captured Measurements	File Attachment
Name			Patient ID				
ECHO, TEST TEST			12345678	99			
Exam Date							
9/02/2021							
Accession Num			Account Nu	n			
RIS544442							
Exam Num							
DOB			Age ()				
1/01/2001					2	20	
Gender							
F. 🗊 🖸							
Height (inches)			Weight (lbs)				
63			153				
BSA							
1.73							
Height (cm)			Weight (kg)				
160			69.4				
Heart Rate							
BP Systole			BP Diastole				
Technologist			Previous St	ıdy			
0							
Previous Study Type							
0							
Referring Physician			Reading Phy	ysician			
Freeland, David C		- <b>O</b>			(	Ð	



#### **Reporting: Demographics - Referring & Reading Physicians**

• Click the + button on the Reading or Referring Physician field.

Add Reading Physician

- This will open an additional window to add physician information.
- Select Add New then OK at the bottom right corner.

Reading Physician		
Test, Test MD	~	Ð
Flintstone, Fred		
Freeland, John C		
Keller, Test		
Test, Test MD		

Freeland

dd New Physician	Physician Name	Email Address	Fax Number	Telephone Number	Code	Physician Type	Dicom Alias	Edit Physician	Delete Physiciar
t Name	Test, Test MD	cathleen.keller@freelandsy		(88) 861-5188		Reading		Edit	Delete
	Raymond, Rebecca MD	rebecca.raymond@freelans	I	(520) 555-1212		Reading	Raymond^Rebecca^MD^	Edit	Delete
ired	Keller, Test	cathleen.keller@freelandsy		(8) 861-5188		Reading	Keller^Test^^^	Edit	Delete
ame	Keller, Cathleen	cathleen.keller@freelandsy		(720) 300-2736		Reading	Keller^Cathleen^^^	Edit	Delete
	Freeland, John C	freeland@ix.netcom.com		(317) 522-7222		All	Freeland^John^C^^^	Edit	Delete
	Flintstone, Fred	fred@yahoo.com		(123) 456-7890		Reading	Flintstone^Fred^^^^	Edit	Delete
dress ed									
ired									
n Code									
	Q ≥0 ▼	Page 1 of 1		Displaying 1 to	6 of 6 ite	ems			
In Type									
ing i nysician •	Dhycioion Type								
1 New									
	Reading Phy	/sician	~						
	Both Readin	g and Referring							
	Reading Phy	vsician							
	Referring Ph	vsician							
	g +	,							

# **Reporting: Measurements**

Images Un-Re	d Non-Stat	Refresh	Measurements		]				0
Demographics Me	asurements W	/all Motior	Observation	s Screen Shots	Free Graphics	Capture	d Measurements	File Attachments	
M-Mode Dimensior	IS			2D Dimensions	5				Î
RVIDd	t	1.90 cm	0.7 - 2.3 cm	RVDd		cm	0.7 - 2.3 cm		- 1
IVSd		.86 cm	0.6 - 1.1 cm	IVSd		cm	0.6 - 1.1 cm		- 1
IVSs		cm		IVSs	1	.32 cm	1		- 1
LVIDd	4	4.05 cm	3.5 - 5.5 cm	LVIDd		cm	3.5 - 5.6 cm		- 1
LVIDs		cm	2.0 - 4.0 cm	LVIDs		2.2 cm	1 2.0 - 4.0 cm	4	- 1
LVPWd		.91 cm	0.6 - 1.1 cm	LVPWd	1.	21* cm	0.6 - 1.1 cm		- 1
LVPWs		cm	0.9 - 1.8 cm	LVPWs		cm	0.9 - 1.8 cm	N	
AoRoot Diam		cm	2.0 - 4.0 cm	AoRoot Diam	3	3.25 cm	1 2.0 - 4.0 cm		
Ao Ascend Diam		cm	<3.4 cm	Ao Ascend Dian	n	2 cm	1 <3.4 cm		
Ao Cusp Sep		cm	1.5 - 2.6 cm	Ao Cusp Sep		cm	1.5 - 2.6 cm		
LA Diameter		cm	2.0 - 4.0 cm	LA Diameter		3.2 cm	1 2.0 - 4.0 cm		
% FS	3	39.6 %	30 - 45%	RA Diameter		1.2 CM	1		
% EF M-Mode	7	77.9 %		LA Area ESV A4	IC g	).51 cm	1 <sup>2</sup>		
EPSS		cm	1.0 cm	LA Area ESV A2	2C	cm	1 <sup>2</sup>		
				LA Length A4C		cm	ı		
				LA Length A2C		cm	ı		
				% FS		%	27 – 45%		
				% EF 2D		%	50 - 85%		
Simpson's Values			\$	Strain					
EDV-4ch		ml 56	- 155 ml (	GLS (Endo Peak Av	'g)	%	<18.9%		
ESV-4ch		ml 19	- 58 ml (	GLS Strain A4C		%			-
	Echo (Complete) Saved: Wed Mar 06 2024 4:47:07 PM Cancel Changes Save Review						Cancel Changes		

- Click on the measurements tab to see the measurements from the study.
- Free text measurements into the measurement box next to the correlating measurement.
- Or click on the measurement name (not in the field) to take the offline measurement on the selected image to the left. See page 47 49 for more offline details.
- The measurement will update in the field with an \* to indicate the offline measurement.
- Refresh Measurements tab can be used if the report was opened before all the measurements populated from the US machine.



#### **Reporting: Offline Measurements**

- Selecting Update in the measurement box will add the new measurement with an \* to the field on the report.
- Choosing capture, the new measurement will save and populate in the report as well as save a screenshot of the offline measurement.
- The screenshot will be saved under the "Captured Measurements" tab.
- This image will show on the report unless it is deleted.
- Along with the screenshot the measurement will show in a comment box next to the image.
- This box can also be used to free text in notes about the image and click Update.









#### Reporting: Wall Motion

- To perform Wall Motion Scoring click on the "Wall Motion" tab.
- You can score the wall segments by first selecting the from the dropdown labeled "Motion".
- Choose a severity under the drop down labeled "Severity".
- By clicking on the segment, you will score that section of the wall.
- You can click "Set All" to score it globally.



To enter findings, click on the "Observations" tab on the top menu.

Click in the box next to the section you are reporting on to expand a drop-down menu with the standard phrases.

From the drop-down menu click on the phrase label to populate the statement into the report findings.

Left Ventricle		Inteiligent Normal Clea
Wall Motion		
Ejection Fraction		
LV Other		
Right Ventricle		
Left Atrium		
Right Atrium		
Mitral Valve		
Aortic Valve		
Pulmonic Valve		
Pulmonic Valve		
Pulmonic Valve	□ Left Ventricle	•
Pulmonic Valve	Left Ventricle     Observations	
Pulmonic Valve	<ul> <li>□ Left Ventricle</li> <li>□ Observations</li> <li>□ Left Ventricular Global Function</li> </ul>	
Pulmonic Valve	<ul> <li>► Left Ventricle</li> <li>■ Observations</li> <li>■ Left Ventricular Global Function</li> <li>■ Ejection Fraction (EF%)</li> </ul>	
Pulmonic Valve	<ul> <li>□ Left Ventricle</li> <li>□ Observations</li> <li>□ Left Ventricular Global Function</li> <li>□ Ejection Fraction (EF%)</li> <li>□ Diastolic Function</li> </ul>	
Pulmonic Valve	<ul> <li>Left Ventricle</li> <li>Observations</li> <li>Left Ventricular Global Function</li> <li>Ejection Fraction (EF%)</li> <li>Diastolic Function</li> <li>Systolic Function</li> </ul>	
Pulmonic Valve	<ul> <li>Left Ventricle</li> <li>Observations</li> <li>Left Ventricular Global Function</li> <li>Ejection Fraction (EF%)</li> <li>Diastolic Function</li> <li>Systolic Function</li> <li>Wall Thickness</li> </ul>	
Pulmonic Valve	<ul> <li>Left Ventricle</li> <li>Observations</li> <li>Left Ventricular Global Function</li> <li>Ejection Fraction (EF%)</li> <li>Diastolic Function</li> <li>Systolic Function</li> <li>Wall Thickness</li> <li>Chamber Size</li> </ul>	
Pulmonic Valve	<ul> <li>Left Ventricle</li> <li>Observations</li> <li>Left Ventricular Global Function</li> <li>Ejection Fraction (EF%)</li> <li>Diastolic Function</li> <li>Systolic Function</li> <li>Systolic Function</li> <li>Wall Thickness</li> <li>Chamber Size</li> <li>Fractional Shortening</li> <li>Exactional Area Champer</li> </ul>	
Pulmonic Valve	<ul> <li>Left Ventricle</li> <li>Observations</li> <li>Left Ventricular Global Function</li> <li>Ejection Fraction (EF%)</li> <li>Diastolic Function</li> <li>Systolic Function</li> <li>Systolic Function</li> <li>Wall Thickness</li> <li>Chamber Size</li> <li>Fractional Shortening</li> <li>Fractional Area Change</li> <li>Wentricular Mass</li> </ul>	

Once the statement is added you will be able to review your selection.

To delete the statement, click on the trash can icon next to the statement.

Bring the statement in the summary click on the comment icon next to the trash can.

Left Ventricle	Left ventricular function was mildly reduced. 🝵 👳 🧲	
		€₽
	Left Ventricle	
	Observations	
	Left Ventricular Global Function	
	Normal	
	Mild	
	Mild to moderate	
	Moderate	
	Moderate to severe	
	Severe	



Click in the white field to Free text personalized statements for this report only. Then click the + or hit add your phrase.

Additionally, the free text section can to find standard statements.

Please note, the Wall Motion field phra Wall Motion Tab. Use the Left Ventricl motion findings.

> Motion: Dyskinetic Vall motion

Summary obs Wall motion at for details

Wall Motion Observations Screen Shots Free Grap

Demographics Wall Motion

or hit enter on the keyboard to		Left Ventricle Observations	
of fill effet of the Reyboard to			•
		▲ Systolic Function	н.
		Base Line Wall Motion	н.
n can be used as a search feature		Segmental Wall Motion	11
			1
id phrases will be added on the			
entricle field for additional wall			
Free Graphics Captured Measurements File Attachments			
Notion: Severity: Score: 1.18			
Dyskinetic   Severe   Paradoxical Septal  Motion			
Vall motion observations: Set All			
Apical anterior segment is severely dyskinetic.			۳.
Summary observation to be added:		Apical anterior segment is severely dyskinetic.	
Vall motion abnormalities noted. Please see above			
	TO Add or Edit	phrases click the "Pencil" and for more details see pages 11-16.	

wall mo

Left ventricle chamber size is normal. 🖮 👳 Left ventricle wall thickness is normal. 💼 👳

Left Ventricle



- The "Normal" button to the right of the screen populates normal statement in all the fields. This can be helpful to use as a starting point for studies that are mostly normal.
- Select the "Clear" button to clear every fields and start over. Remember, click the trash can icon to delete an individual statement in the report.
- If you purchased the Intelligent reporting option, click on the "Intelligent" button on this screen to populate the correlating phrases. Phrases will not populate if the measurement is not in the measurements tab.

Demographics Measurements Wall Motion <b>Observations</b> Screen Shots Free Graphics		
l aft Vantricla	Intelligent Normal Clear	
Wall Motion		
Ejection Fraction		
LV Other		
Right Ventricle		A
Left Atrium		X
Right Atrium		
Mitral Valve		
Aortic Valve		
Pulmonic Valve		

Freeland SYSTEMS

Intelligent Reporting: Please note that this field is for customers who have purchased intelligent reporting. If you would like more information, contact sales at 1-888-615-1888 option 1.

#### **Reporting: Screen Shots**



Add screen shots while reviewing images or from the Screen Shot tab. Select "Screen Shot" button above the image and the screenshot will be added to "Screen Shots" tab and the final PDF report.

Include notes in the comment box for each Screen Shot and click Update.



#### **Reporting- Free Graphics**

To add Graphics to your report, click on the "Free Graphics" Tab

Click on Add New Graphic, select the graphic you want to add to your report (i.e. .jpg, .bmp).

Clients commonly use this feature to attach additional documents to the report.



#### **Reporting: Diagram**

- Click the "Edit" button to mark up the diagram.
- If a "Diagram" is created, it will be added to final PDF report.



Click	Draw	Select	Edit	Click	
Click on "Edit". Click on the color box to change color. Adjust the Line thickness to draw or erase.	Click the pencil and Move cursor to draw a line the on diagram. Use the four-arrow icon to draw a straight line.	Select "Add Text" and enter comments then click OK. Place the cursor on the diagram for location of the text and click.	Clear: Undo the changes since editing. Reset: Reloads the default diagram. Cancel: Exit from edit mode. No changes were saved.	Click Save to include diagram on final report.	Freel syste

#### **Reporting: File Attachments**

Click "Select Some Files" to upload multiple files with file dialog or drag and drop files. Then click Review on the bottom right corner.

The final report will have an additional tab to view the attached files.

	Images Un-R	ead Non-Stat Refree	sh Measurements		
Images         Um Rend         Non-Stat.         Refresh Measurements         C           Demographics         Measurements         Diagram         Screen Shots         Free Graphics         Captured Measurements         File Attachments	Review Report	To ensure you are not lo	cked in Edit in APC.pdf		
	⊟ GetPdfF	File	1 / 1   - 76% +	<b>こ</b>	± 🖶 :
Upload multiple files with the file dialog or by dragging and dropping files (PDF, images, etc.) onto the dashed region Select some files	acce	ssPoint	Freeland Syste Telephone: 888-615-1886 www.freelandsy	ems, LLC 3 Fax: 720-907-0370 <u>stems.com</u>	ACTION TED RECEIPT
			Carotid Ultrasound Repo	ort	
	Name: ECH Accession	HO, TEST TEST Num: RIS5444442	Exam Date: 9/02/2021	Patient ID: 1234567899	
	DOB: 1/01/2	2001 Age: 20	Gender: F		
	Referring P	Physician: Freeland, David	0		
			Doppler Values		



## **Reporting: Review Final Report**

Once the report is finished, click "Save" and the date and time will display when the report was last saved.

Click the "Review" button to review and finalize the completed report.

This will take you to the PDF file of the report.

Demographics N	Aeasurements Wall Motion Observations Screen Shots Free Graphics					
	Intelligent Normal	Clear				
Left Ventricle	Left ventricle is normal in size, wall thickness, systolic function with no regional segmental wall motion					
Wall Motion	abnormanities seen. Diastoric function is normal for the age of the patient.					
ection Fraction	Left ventricular ejection fraction is between 60.70%					
V Other	No wall motion abnormalities noted					
Right Ventricle	Right ventricular chamber size and clobal systolic function is normal a					
eft Atrium	Left atrium is normal in size					
Right Atrium	Picht atrial chamber is normal size a p					
Vitral Valve	Right atrial chamber is normal size.					
viitiai vaive	Valve appears structurally normal. 🝵 🖗 No evidence of stenosis. 🝵 🖗 No significant regurgitation visualized. 🝵 🖗					
Aortic Valve	Valve appears structurally normal.					
<sup>o</sup> ulmonic Valve	Valve appears structurally normal.					
Fricuspid Valve	Tricuspid valve appears normal with no evidence of significant stenosis or regurgitation. 🗑 👳					
Pressures	Pulmonary artery systolic pressures are normal. 🝵 👳					
/enous	The inferior vena cava is normal in size with greater than 50% collapse with inspiration. 🝵 👳					
Pericardium	Pericardium appears normal. 🗑 🛡 There is no pericardial effusion visualized. 🗑 🛡					
Aorta	The visualized portions of the aortic root, ascending aorta and descending aorta are normal in size. 💼 🛡					
Other	There is no pleural effusion present. There is no evidence of atrial/ventricular septal defects or patent foramen ovale.					
Conclusions	Normal Study. 🝵 🗟					



## **Reporting: Finalized Actions**

Select from the three finalize actions:

Finalize- when the report is complete, click "Finalize". The report will close and go back to the patient list screen.

Finalize & Fax – Enter the fax number to send report.

Finalize & Email – is for our veterinary accounts only since this email not HIPA compliant.

After finalizing the report, the study will update as Prepared/Signed in the Report Status column on the patient list screen.

The finalize action is set based on the user profile.

Sonographers will be set as Prepared. Reading Physician will be set to Signed.

The Edit button will take you back into the template to make changes.

To Download or Print the report, click on the web icons located at the top right corner.

accessP	Freeland Systems, LLC Telephone: 888-615-1888 Fax: 720-907-0370 www.freelandsystems.com		
	Cardiovascular Imaging Laboratory		
	Transthoracic Echocardiographic Study Report		
Name: Henderson, H	larry Exam Date: 3/12/2019 Patient ID: 259876435241		
DOB: 1/01/0001 Age	: 18 Gender: M		
Reading Physician:	Freeland, John C		
	Observations		
	Observations		
Rhythm:	Normal sinus rhythm present.		
Left Ventricle: Left ventricle is normal in size, wall thickness, systolic function with no regional segmental wall motion abnormalities seen. Diastolic function is normal for the age of the patient.Left ventricular chamber size is normal			
Ejection Fraction:	Left ventricular ejection fraction is between 60-70%.		
LV Other:	No wall motion abnormalities noted.		
Right Ventricle:	Right ventricular chamber size and global systolic function is normal.		
Left Atrium:	Left atrium is normal in size.		
Right Atrium:	Right atrium is normal size.		
Mitral Valve:	Mitral valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.		
Aortic Valve:	Aortic valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.		
Pulmonic Valve:	Pulmonic valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualize		
Tricuspid Valve:	Tricuspid valve appears normal with no evidence of significant stenosis or regurgitation.		
Pressures:	Pulmonary artery systolic pressures are normal.		
Venous:	The inferior vena cava is normal in size with greater than 50% collapse with inspiration.		
Pericardium:	Pericardium appears normal. There is no pericardial effusion visualized.		
Aorta:	The visualized portions of the aortic root, ascending aorta and descending aorta are normal in size.		
Other:	There is no pleural effusion present. There is no evidence of atrial/ventricular septal defects or patent foramen ovale.		
	Conclusions		

Rebecca Raymond Tue Mar 22 2022 1:38:18 PM

Finalize Finalize & Fax Finalize & Email Edit Finalize Action: Signed



#### **Reporting: Final Report**

	Cardiovascular Imaging Laboratory Transthoracic Echocardiographic Study Report			
Name: Henderson	Harry Exam Date: 3/12/2019 Patient ID: 259876435241			
DOB: 1/01/0001 A	ge: 18 Gender: M			
Reading Physicia	n: Freeland, John C			
	Observations			
	CONTRACTO			
Left Ventricle: Wall Motion:	Lett vertrace is normal in Size, wall thickness, systolic function with no regional segmental wall motion abnormalities seen. Diastolic function is normal for the age of the patient.			
Ejection Fraction:	The systolic function is hyperdynamic with an estimated EF of greater than 70%.			
V Other:	No wall motion abnormalities noted.			
tight Ventricle:	Right ventricular chamber size and global systolic function is normal.			
eft Atrium:	Left atrium is normal in size.			
tight Atrium:	Right atrial chamber is normal size.			
Witral Valve:	Mitral valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.			
NOTIC Valve:	varve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.			
Pulmonic Valve:	Valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.			
Tricuspid Valve:	Tricuspid valve appears normal with no evidence of significant stenosis or regurgitation.			
Pressures:	Pulmonary artery systolic pressures are normal.			
enous:	The inferior vena cava is normal in size with greater than 50% collapse with inspiration.			
ericardium:	Pencardium appears normal. There is no pericardial effusion visualized.			
orta:	The visualized portions of the aortic root, ascending aorta and descending aorta are normal in size.			
	normal in size.			
ther:	There is no pleural effusion present. There is no evidence of atrial/ventricular septal			
onclusions:	There is no pleural effusion present. There is no evidence of atrial/ventricular septal defects or patient foramen ovaib. Conclusions • Left ventricle is within normal limits.			
Other: Conclusions: Electronically Sig	There is no pleural effusion present. There is no evidence of abrialiventricular septal defects or patient foramen ovale. Conclusions • Left vertricle is within normal limits. • The systolic function is hyperdynamic with an estimated EF of greater than 70%. ned:			
Other: Conclusions: Electronically Sig	There is no plant of fusion present. There is no evidence of abrialventricular septal defects or patient foramen ovaie. Coclusions • Left ventricle is within normal limits. • The systolic function is hyperdynamic with an estimated EF of greater than 70%.			
Dther: Conclusions: Electronically Sign	There is no pharat effusion present. There is no evidence of abrialventricular septed detects or patient foramen orazia. <b>Conclusion</b>			



Demographics, Observations , Conclusions, Signature with date and time stamp will usually be on the first page. (scroll down on the page).

> Measurements and Wall Motion Graphics on the second page (scroll down on the page).

Free graphics and screen shots will be on the following pages.



#### **Reporting: Editing a Signed Report**

Once a report is signed it will be locked for editing for anyone else other than the reading physician or the client administrator with this specific access.

There are two options to edited a signed report: Unlock Report and Edit Report.

- From the Patient List screen, right click on the study and select Open Report.
- Click "Unlock report" to edit the report. Make the corrections and then select "Review" and Finalize. The physician will need to finalize the study to signed.
- Select "Edit Locked" to update the demographics. Make the changes and click "Review" and "Finalize". The physician's signature will keep the original date and time stamp.



Unlock report Fax Edit Locked



#### **Reporting: Ensure the report is not locked in Edit**

The report will be locked for editing as soon as a user opens the template. This ensures only one user is making changes to a report at a time. The message "Report being edit by User" on the patient list screen and the Report Selection page.

Pending Usr10/2021 Unread V	Report being edited by mdodge 23	Images Pased New Stat Defreeb Measurements
Pending 03/09/2021 Unread V		
Available 03/09/2021 US; SR Unread V	32-1	Report is already being edited by cole.babluch

There are two options to close out the report, Cancel Report or Review and Finalize.

#### 1. Cancel Report:

Click Cancel Report.



Select Delete Report. This will not save any changes made while you were in the report at this time.



#### 2. Review and Finalized:





Thank you from your team here at Freeland Systems. Please call 1-888-615-1888 opt 2 or email <u>support@freelandsystems.com</u> if you have any questions.

