

Blue Button Medical Imaging & Reports

DEPARTMENT OF VETERANS AFFAIRS

New Models of Care

My HealtheVet – Blue Button Medical Imaging & Reports



Download BBMI

EPIC: 110501

User Stories: 1.0, 2.0, 3.0, 4.0, 5.0

September 2014

Department of Veterans Affairs

Office of Information and Technology

Product Development

Revision History

Date	Revision	Description	Author
07/14/2014	0.1	Initial Draft	
07/24/2014	0.2	Updated to include wireframes from Lanny Darby	
09/08/2014	0.3	Update document based on feedback from Development team	
09/25/2014	0.4	Updates from review with Ken Graham	
09/26/2014	0.5	Conducted Peer Review of user stories commented on the following: Dicom Viewer not integrated into MHV, Error messaging be asynchronous call and separating steps for DICOM viewer	
09/26/2014	0.6	Conducted Peer Review of user stories commented on the following: Ability to save DICOM images and DICOM viewer selection	
09/26/2014	0.7	Updated comments per peer reviews and review with Ken Graham	
10/12/2014	0.8	Adding additional requirements to capture error messaging	
10/17/2014	0.8	Adding sorting functionality , updated requirement for 05 and added error messaging requirement 07	
10/20/2014	0.9	Removed requirements for duplication	

Table 1: User Story Card

Component: MHV	Version: 12.11	Epic Story Ref: 123965	Release #: 12.11	CR#:
Sprint#: 2	User Story: 128763	Priority: 3 - High	Rank #:	Size Points:
Product Owner:	Dev Manager:	Analyst:	Developer:	Tester:

1. User Story Description

As an MHV premium user I want to be able to access and view my most recent VA medical images and reports via the internet so that I am able to review all data associated to my electronic health record.

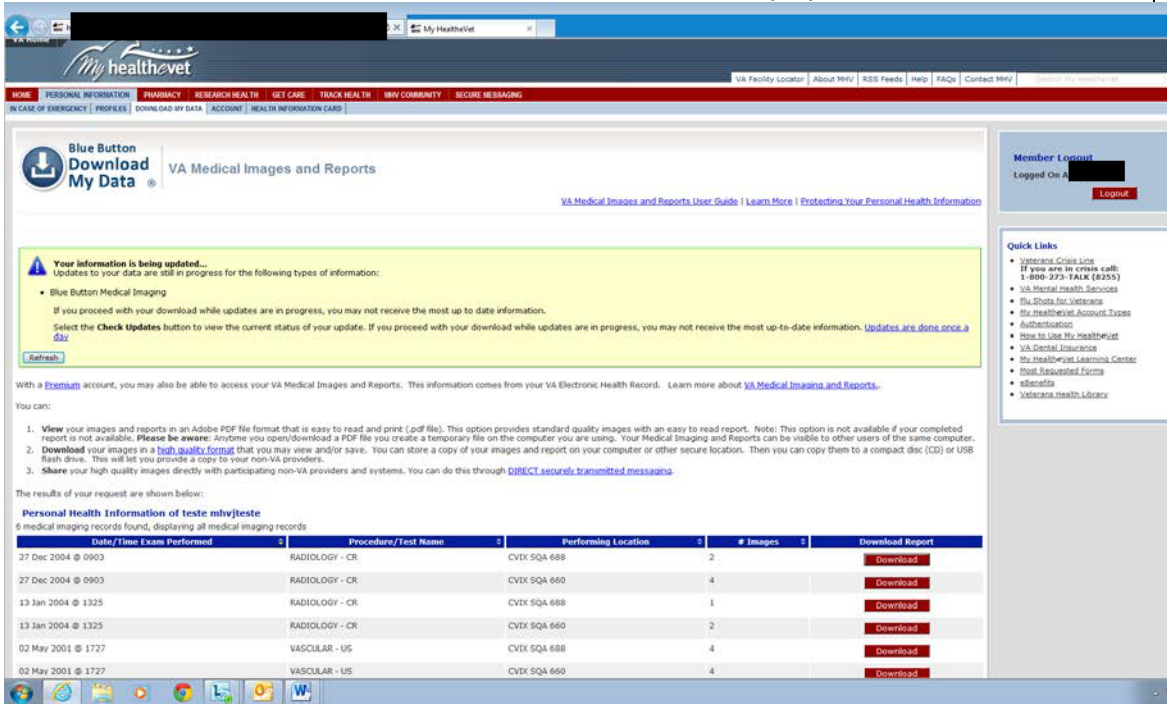
2. User Story Acceptance Criteria / Compliance:

- A VA Premium account user is successfully able to download their medical image(s) and report(s)
- A DICOM viewer is able to be downloaded and images viewed within it.

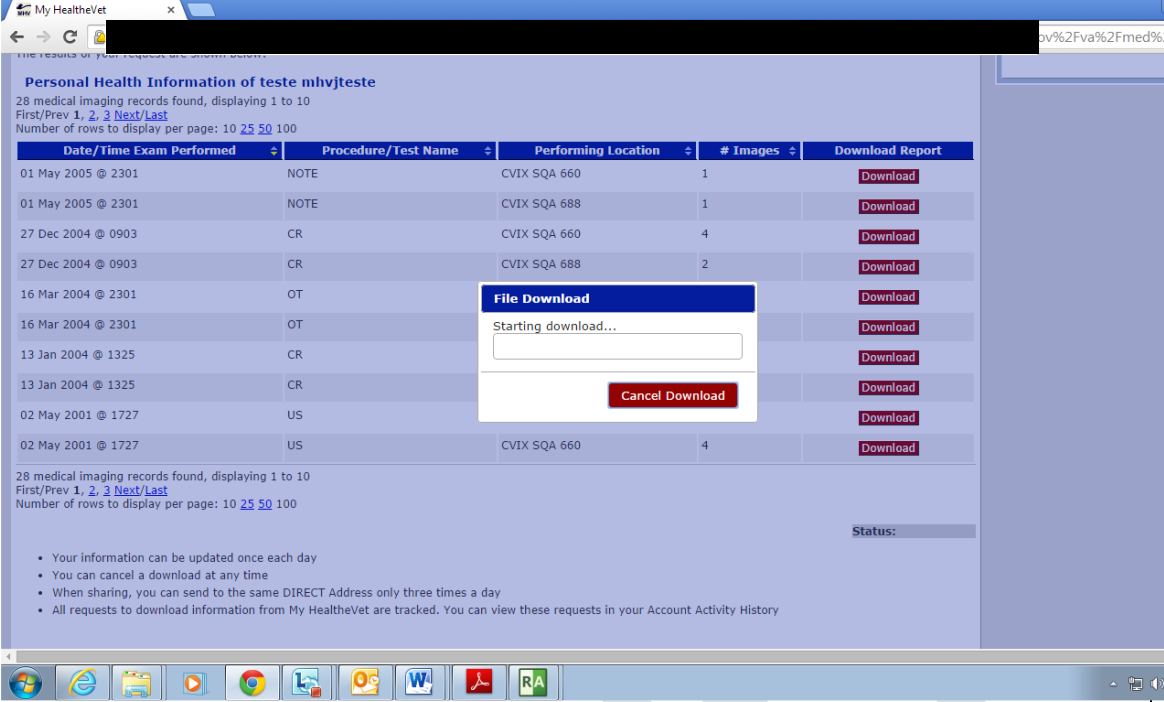
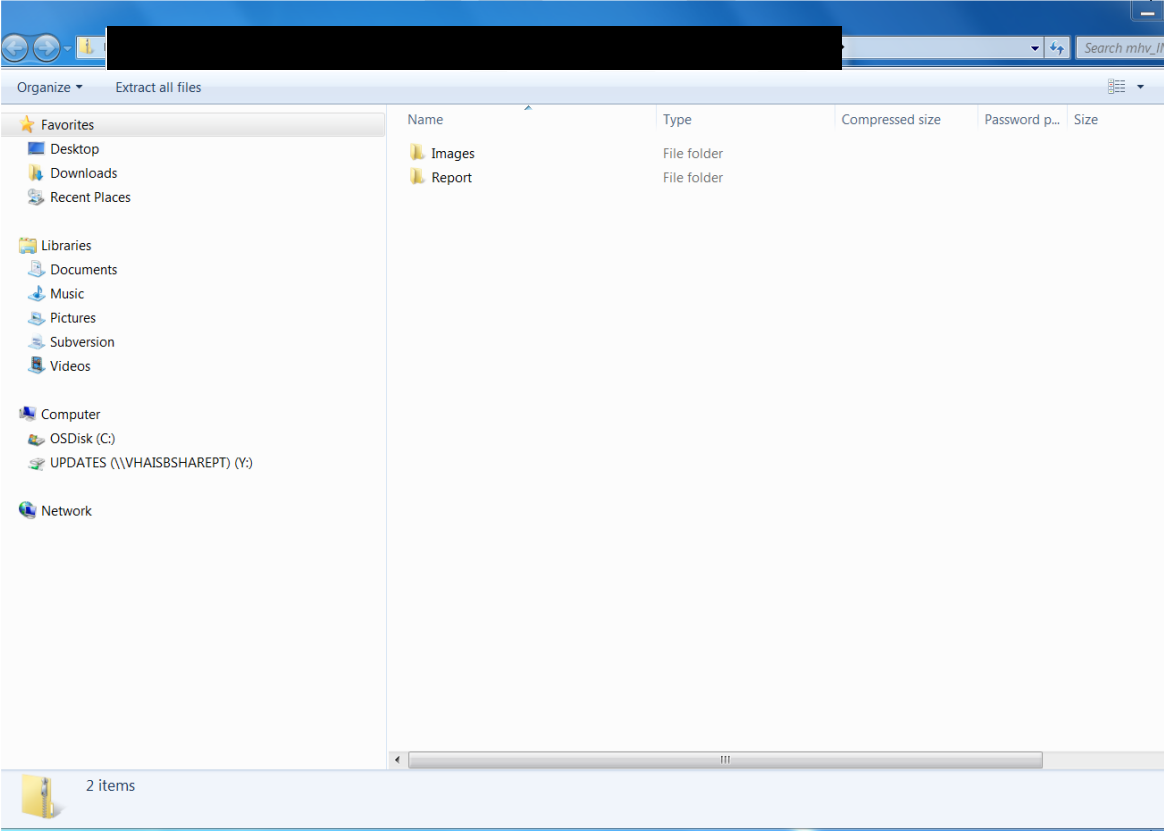
3. User Story Requirements

User Story	BBMI01 Download VA Medical Images and Reports to Copy for a Provider	
REQ#	Description	Comments
BBMI_01.1	MHV system shall display the My Download Request page	Existing Functionality
BBMI_01.1.1	MHV user selects the radio button <i>Download My VA Medical Images and Reports</i> and clicks Continue.	New Content Wireframe to be shown below
BBMI_01.1.2	MHV system shall display hyperlinks at the top of the page: <ul style="list-style-type: none"> • Blue Button User Guide • VA Continuity of Care Document (VA CCD) User Guide • VA Medical Images and Reports User Guide • Learn More • Protecting Your Personal Health Information 	Existing Content Existing Content New Content Existing Content Existing Content Existing Content
BBMI_01.1.3	MHV section titled VA Medical Images and Reports shall display the following: <ol style="list-style-type: none"> Text regarding Premium account upgrade and Learn more about VA Medical Images and Reports Download My VA Medical Images and Reports radio button Continue and Cancel buttons Page footer information — Standard footer 	New Content


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	Note: See Appendix – A	
BBMI_01.1.4	Blue <i>Logged on as</i> box with red Logout button and the words, “You have a Premium account” in right margin	Existing Functionality
BBMI_01.2	<p>MHV system shall display the <i>VA Medical Images and Reports Download Summary</i> page with the following components.</p> <p>Note: The system will display all of the records that are available in eVault for the MHV user. Therefore, the number of metadata records that exist will be displayed.</p> 	New Content
BBMI_01.3	MHV system shall display the populated VA Medical Images and Reports summary table, once the update is complete.	New Content
BBMI_01.4	MHV user selects the Download button for the desired report.	New Content

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	 <p>The screenshot shows the 'My HealtheVet' web application. It displays 'Personal Health Information of teste mhvjteste' with 28 medical imaging records. A table lists records with columns: Date/Time Exam Performed, Procedure/Test Name, Performing Location, # Images, and Download Report. A 'File Download' dialog box is open, showing 'Starting download...' and a 'Cancel Download' button. The Windows taskbar is visible at the bottom.</p>	
BBMI_01.5	<p>MHV user shall save the file to their local computer.</p>  <p>The screenshot shows a Windows Explorer window. The left sidebar shows 'Favorites' (Desktop, Downloads, Recent Places), 'Libraries' (Documents, Music, Pictures, Subversion, Videos), 'Computer' (OSDisk (C:), UPDATES), and 'Network'. The main pane shows a folder structure with 'Images' and 'Report' folders. The status bar at the bottom indicates '2 items'.</p>	<p>New Content</p>
BBMI_01.6	<p>MHV user shall open the downloaded images using the Open/Unzip file functionality in the DICOM viewer.</p>	
BBMI_01.7	<p>The DICOM viewer shall display a DICOM image(s) and associated</p>	<p>New</p>

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	Computerized Patient Record System (CPRS) report selected 	Content
BBMI_01.8	MHV user closes the DICOM viewer	New Content
BBMI_01.9	MHV system returns to the My Download Request page Note: See Appendix - B	New Content
BBMI_01.10	When MHV user selects the Cancel button on the My Download Request page the MHV system shall place the user on the Personal Information page	Existing Functionality
BBMI_01.11	When the MHV user selects the Cancel button on the VA Medical Images and Reports page the MHV system shall place the user on the My Downloads Request page	New Content

User Story	BBMI02 View VA Medical Images and Reports	
REQ#	Description	Comments
BBMI_02.1	MHV user selects the radio button for Download My VA Medical Images and Reports and then selects Continue see Appendix A	New Content
BBMI_02.2	MHV user selects the 'Download' button on the summary table for the desired report or text layout	New Content

User Story	BBMI03 – Alternate Flow: Navigate to Blue Button via the Personal Information Tab
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REQ#	Description	Comments
BBMI_03.1	MHV user shall select the Blue Button Download My Data icon	Existing Functionality
BBMI_03.2	MHV system shall display the Personal Information page in MHV <div data-bbox="227 472 1404 1155" data-label="Image"> </div>	Existing Functionality
BBMI_03.3	MHV user shall select the Blue Button Download My Data icon	Existing Functionality
BBMI_03.4	MHV system shall display the My Download Request page	Existing Functionality

User Story	BBMI05 – Sorting Functionality	
REQ#	Description	Comments
BBMI_04.1	MHV system shall provide the ability to sort reports displayed on the summary table in numerical ascending/descending order.	New Content
BBMI_04.2	MHV system shall provide the ability to sort Procedure/Test Names on the summary table in alphabetical ascending/descending order.	New Content
BBMI_04.3	MHV system shall provide the ability to sort Performing Location on the summary table in alphabetical ascending/descending order.	New Content

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BBMI_04.4	MHV system shall make the default sort of the results summary grid be by Date/Time column in reverse chronological order (most recent displayed at the top).	New Content
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User Story	BBMI06 VA Medical Images and Reports are unable to be downloaded	
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REQ#	Description	Comments
BBMI_05.1	MHV system shall display an error message if the requested VA Medical Image and Report is unable to successfully download.	New Content

Your information is being updated...
Updates to your data are still in progress for the following types of information:

- Blue Button Medical Imaging

If you proceed with your download while updates are in progress, you may not receive the most up to date information. Select the **Check Updates** button to view the current status of your updates. If you proceed with your download while updates are in progress, you may not receive the most up-to-date information. [Updates are done once a day.](#)

[Refresh](#)

With a [Premium](#) account, you may also be able to access your VA Medical Images and Reports. This information comes from your VA Electronic Health Record. [Learn more about VA Medical Imaging and Reports.](#)

You can:

- View your images and reports in an Adobe PDF file format that is easy to read and print (.pdf file). This option provides standard quality images with an easy to read report. Note: This option is not available if your completed report is not available. **Please be aware:** anytime you open/download a PDF file you create a temporary file on the computer you are using. Your Medical Imaging and Reports can be visible to other users of the same computer.
- Download your images in a **high quality format** that you may view and/or save. You can store a copy of your images and report on your computer or other secure location. Then you can copy them to a compact disc (CD) or USB flash drive. This will let you provide a copy to your non-VA providers.
- Share your high quality images directly with participating non-VA providers and systems. You can do this through [DHQP](#) or [email](#).

The results of your request are shown below:

Personal Health Information of 00M10NE MHVBMTONE
8 medical imaging records found, displaying 1 to 10
First/Prev 1, 2, 3, 4, 5, 6 Next/Last
Number of rows to display per page: 10 25 50 100

Date/Time Exam Performed	Procedure/Test Name	Location	# Images	Download Report
21 Mar 2004 @ 1853	COMPUTED RADIOGRAPHY - 032104-230 CHEST SINGLE VIEW-AEC	CVIX SQA 688	1	Download
21 Mar 2004 @ 1853	COMPUTED RADIOGRAPHY - 032104-230 CHEST SINGLE VIEW-AEC	CVIX SQA 660	1	Download
21 Mar 2004 @ 1853	COMPUTED RADIOGRAPHY - 032104-230 CHEST SINGLE VIEW-AEC	CVIX SQA 756	1	Download
17 Mar 2004 @ 0957	COMPUTED RADIOGRAPHY - 031704-231 CHEST SINGLE VIEW	CVIX SQA 688	1	Download
17 Mar 2004 @ 0957	COMPUTED RADIOGRAPHY - 031704-231 CHEST SINGLE VIEW	CVIX SQA 660	1	Download
17 Mar 2004 @ 0957	COMPUTED RADIOGRAPHY - 031704-231 CHEST SINGLE VIEW	CVIX SQA 756	1	Download
16 Jan 2004 @ 0926	COMPUTED RADIOGRAPHY - 011604-234 HIP 2 OR MORE VIEWS	CVIX SQA 688	6	Download
16 Jan 2004 @ 0926	COMPUTED RADIOGRAPHY - 011604-234 HIP 2 OR MORE VIEWS	CVIX SQA 660	6	Download
16 Jan 2004 @ 0926	COMPUTED RADIOGRAPHY - 011604-234 HIP 2 OR MORE VIEWS	CVIX SQA 756	6	Download
13 Nov 2003 @ 1036	COMPUTED RADIOGRAPHY - 112503-235 CHEST 2 VIEWS PA/LAT	CVIX SQA 688	2	Download

8 medical imaging records found, displaying 1 to 10
First/Prev 1, 2, 3, 4, 5, 6 Next/Last
Number of rows to display per page: 10 25 50 100

• Your information can be updated once each day.

MHV Error
MyHealthVet is unable to download the file. Please try again later.
[OK](#)

Quick Links

- [Veterans Crisis Line](#)
- [If you are in crisis call: 1-800-273-TALK \(8255\)](#)
- [VA Medical Health Services](#)
- [VA Medical Health Services](#)
- [My HealthVet Account Types](#)
- [Authentication](#)
- [How to Use My HealthVet](#)
- [VA Dental Services](#)
- [My HealthVet Learning Center](#)
- [Real Time/Remote Forms](#)
- [eReferrals](#)
- [Veterans Health Library](#)

Status: Download Failed

4. Reference Source

1. BUC - MHV_VA_Medical_Images_and_Reports_BUC_092514_Innovations Team Update
2. SharePoint Link Placeholder
3. Interface Control Document - Not Applicable for this Release

5. Appendix – BBMI

A: Blue Button Medical Imaging –Download Request Page

My HealtheVet

VA Home

VA Facility Locator | About MHV | RSS Feeds | Help | FAQs | Contact MHV | Search My HealtheVet

HOME | PERSONAL INFORMATION | PHARMACY | RESEARCH HEALTH | GET CARE | TRACK HEALTH | MHV COMMUNITY | SECURE MESSAGING

IN CASE OF EMERGENCY | PROFILES | DOWNLOAD MY DATA | ACCOUNT | HEALTH INFORMATION CARD

Blue Button Download My Data

My Download Request

[Blue Button User Guide](#) | [Health Summary \(VA CCD\) User Guide](#) | [VA Medical Images and Reports User Guide](#) | [Learn More](#) | [Protecting Your Personal Health Information](#)

VA Blue Button

The VA Blue Button is simple, safe, and reliable. You can view, print or download all of the personal health information currently available in your My Health eVet account. Having this information to share with people you trust may help you better manage your overall health. View a list of the current [VA Blue Button Features](#).

You can get your **VA Blue Button** information in three file formats:

- Adobe PDF file format that is easy to read and print (.pdf file)
- Simple text format (.txt file)
- Custom Blue Button text format (.bluebutton file)

Health Summary (VA CCD)

If you have an upgraded My HealtheVet [Premium](#) account you may also download your Health Summary (VA CCD). This is a standard health summary that was designed to be shared with non-VA providers and systems. Learn more about the [Health Summary \(VA CCD\)](#).

Quick Links

- Veterans Crisis Line
If you are in crisis call:
1-800-273-TALK (8255)
- VA Mental Health Services
- Flu Shots for Veterans
- My HealtheVet Account Types
- Authentication
- How to Use My HealtheVet
- VA Dental Insurance
- My HealtheVet Learning Center
- Most Requested Forms
- eBenefits
- Veterans Health Library

VA Medical Images and Reports

With a [Premium](#) account, you may also be able to access your VA Medical Images and Reports. This information comes from your VA Electronic Health Record. Learn more about [VA Medical Imaging and Reports](#).

You can:

1. **View** your images and reports in an Adobe PDF file format that is easy to read and print (.pdf file). This option provides standard quality images with an easy to read report. Note: This option is not available if your completed report is not available. **Please be aware:** Anytime you open/download a PDF file you create a temporary file on the computer you are using. Your Medical Imaging and Reports can be visible to other users of the same computer.
2. **Download** your images in a [high quality format](#) that you may view and/or save. You can store a copy of your images and report on your computer or other secure location. Then you can copy them to a compact disc (CD) or USB flash drive. This will let you provide a copy to your non-VA providers.
3. **Share** your high quality images directly with participating non-VA providers and systems. You can do this through [DIRECT securely transmitted messaging](#).

☒ Download my customized Blue Button data
☐ Download or send my Health Summary (VA CCD)
☐ Download my VA Medical Images and Reports

[Continue](#) [Cancel](#)

Protect your information and your identity. Send your information to a safe site or device that you or someone you trust controls. Remember, once you have downloaded your information from My HealtheVet, it is your responsibility to keep it safe and private. Learn more about [protecting your personal health information](#).

This is your personal health information. Your health care professional does not have access to this information unless you share it.

Blue Button Medical Imaging & Reports

B: Blue Button Medical Imaging –Download Summary Page

Blue Button Download My Data VA Medical Images and Reports

VA Medical Images and Reports User Guide | Learn More | Protecting Your Personal Health Information

Your information is being updated...
Updates to your data are still in progress for the following types of information:
• Blue Button Medical Imaging
If you proceed with your download while updates are in progress, you may not receive the most up to date information.
Select the **Check Updates** button to view the current status of your update. If you proceed with your download while updates are in progress, you may not receive the most up-to-date information. [Updates are done once a day.](#)

With a [Premium](#) account, you may also be able to access your VA Medical Images and Reports. This information comes from your VA Electronic Health Record. [Learn more about VA Medical Imaging and Reports.](#)

You can:

1. **View** your images and reports in an Adobe PDF file format that is easy to read and print (.pdf file). This option provides standard quality images with an easy to read report. Note: This option is not available if your completed report is not available. **Please be aware:** Anytime you open/download a PDF file you create a temporary file on the computer you are using. Your Medical Imaging and Reports can be visible to other users of the same computer.
2. **Download** your images in a [high quality format](#) that you may view and/or save. You can store a copy of your images and report on your computer or other secure location. Then you can copy them to a compact disc (CD) or USB flash drive. This will let you provide a copy to your non-VA providers.
3. **Share** your high quality images directly with participating non-VA providers and systems. You can do this through [DIRECT securely transmitted messaging](#).

The results of your request are shown below:

Personal Health Information of teste mbyjteste
6 medical imaging records found, displaying all medical imaging records

Date/Time Exam Performed	Procedure/Test Name	Performing Location	# Images	Download Report
27 Dec 2004 @ 0903	RADIOLOGY - CR	CVIX SQA 688	2	Download
27 Dec 2004 @ 0903	RADIOLOGY - CR	CVIX SQA 660	4	Download
13 Jan 2004 @ 1325	RADIOLOGY - CR	CVIX SQA 688	1	Download
13 Jan 2004 @ 1325	RADIOLOGY - CR	CVIX SQA 660	2	Download
02 May 2001 @ 1727	VASCULAR - US	CVIX SQA 688	4	Download
02 May 2001 @ 1727	VASCULAR - US	CVIX SQA 660	4	Download

Your information update is complete.

With a [Premium](#) account, you may also be able to access your VA Medical Images and Reports. This information comes from your VA Electronic Health Record. [Learn more about VA Medical Imaging and Reports.](#)

You can:

1. **View** your images and reports in an Adobe PDF file format that is easy to read and print (.pdf file). This option provides standard quality images with an easy to read report. Note: This option is not available if your completed report is not available. **Please be aware:** Anytime you open/download a PDF file you create a temporary file on the computer you are using. Your Medical Imaging and Reports can be visible to other users of the same computer.
2. **Download** your images in a [high quality format](#) that you may view and/or save. You can store a copy of your images and report on your computer or other secure location. Then you can copy them to a compact disc (CD) or USB flash drive. This will let you provide a copy to your non-VA providers.
3. **Share** your high quality images directly with participating non-VA providers and systems. You can do this through [DIRECT securely transmitted messaging](#).

The results of your request are shown below:

Member Logout
Logged On As [redacted]
[Logout](#)

Quick Links

- [Veterans Crisis Line](#)
If you are in crisis call:
1-800-273-TALK (8255)
- [VA Mental Health Services](#)
- [Flu Shots for Veterans](#)
- [My HealthVet Account Types](#)
- [Authentication](#)
- [How to Use My HealthVet](#)
- [VA Dental Insurance](#)
- [My HealthVet Learning Center](#)
- [Most Requested Forms](#)
- [eBenefits](#)
- [Veterans Health Library](#)

Blue Button Medical Imaging & Reports

VA Medical Images and Reports User Guide | Learn More | Protecting Your Personal Health Information

Your information update is complete.

With a [Premium](#) account, you may also be able to access your VA Medical Images and Reports. This information comes from your VA Electronic Health Record. [Learn more about VA Medical Imaging and Reports.](#)

You can:

1. **View** your images and reports in an Adobe PDF file format that is easy to read and print (.pdf file). This option provides standard quality images with an easy to read report. Note: This option is not available if your completed report is not available. **Please be aware:** Anytime you open/download a PDF file you create a temporary file on the computer you are using. Your Medical Imaging and Reports can be visible to other users of the same computer.
2. **Download** your images in a [high quality format](#) that you may view and/or save. You can store a copy of your images and report on your computer or other secure location. Then you can copy them to a compact disc (CD) or USB flash drive. This will let you provide a copy to your non-VA providers.
3. **Share** your high quality images directly with participating non-VA providers and systems. You can do this through [DIRECT securely transmitted messaging](#).

The results of your request are shown below:

Personal Health Information of teste mhvjteste

28 medical imaging records found, displaying 1 to 10
First/Prev 1, 2, 3 Next/Last
Number of rows to display per page: 10 25 50 100

Date/Time Exam Performed	Procedure/Test Name	Performing Location	# Images	Download Report
01 May 2003 @ 2301	NOTE	CVIX SQA 688	1	Download
01 May 2005 @ 2301	NOTE	CVIX SQA 660	1	Download
27 Dec 2004 @ 0903	CR	CVIX SQA 688	2	Download
27 Dec 2004 @ 0903	CR	CVIX SQA 660	4	Download
16 Mar 2004 @ 2301	OT	CVIX SQA 688	12	Download
16 Mar 2004 @ 2301	OT	CVIX SQA 660	12	Download
13 Jan 2004 @ 1325	CR	CVIX SQA 688	1	Download
13 Jan 2004 @ 1325	CR	CVIX SQA 660	2	Download
02 May 2001 @ 1727	US	CVIX SQA 688	4	Download
02 May 2001 @ 1727	US	CVIX SQA 660	4	Download

28 medical imaging records found, displaying 1 to 10
First/Prev 1, 2, 3 Next/Last
Number of rows to display per page: 10 25 50 100

Starting download...

States:

- Your information can be updated once each day
- You can cancel a download at any time
- When sharing, you can send to the same DIRECT Address only three times a day
- All requests to download information from My Health'set are tracked. You can view these requests in your Account Activity History

Quick Links

- [Veterans Crisis Line](#)
If you are in crisis call:
1-800-273-TALK (8255)
- [VA Mental Health Services](#)
- [VA Shops for Veterans](#)
- [My Health'set Account Types](#)
- [Publications](#)
- [How to Use My Health'set](#)
- [VA Dental Insurance](#)
- [My Health'set Learning Center](#)
- [Honest Feedback Form](#)
- [eSafely](#)
- [Veterans Health Library](#)