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Diagnostic Imaging for Life

Vue Motion and MyVue
A solution for easy access to images?

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Cobalt – Who are we?

- Medical Charity - Established 1964

- The Cobalt Unit - (Cheltenham Oncology Centre)

- Supported the Gloucestershire - Breast Cancer Screening Service

- Development of oncology services in the 3 Counties

- Funding for research, development and education.

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Cobalt – Who are we?

Diagnostic Imaging Provider

Mobile MRI (1994)

- 3.0 Tesla

- 1.5 Tesla

- Integrated services.

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Cobalt – Who are we?

Diagnostic Imaging Provider

Cobalt Imaging Centre - 2006

- PET/CT

- High-field Open MRI

- 3.0T MRI.

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Diagnostic Imaging Provider

- 25,000 examinations per annum

- 19,000 reported

- Mostly NHS but some private

- Full 10% audit

- Teleradiology - Limited

- Carestream RIS and PACS.

Carestream

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Image viewing and transfer

- Carestream PACS

- N3 connection

- Image Exchange Portal

- Biotronics

- bbRad

- PACSMail

- CDs.

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Image Viewing and transfer

Problem

Referrers may not have access to PACS

- MSKCAT
- GP AQP
- Research
- Private patients

CD/DVD

- Information Governance
- Read issues
- Access
- Cost – CD, postage and Human.

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Image viewing and transfer

Carestream Vue Motion and MyVue a possible solution?

Image Viewing and transfer

Solution?

Vue Motion – Remote referrer access to images and report

- Secure web browser
- PACS functionality
- Zero-footprint
- Vendor-neutral
- View imaging data and patient information
- Access to previous studies
- Stick note capability and refer patients
- Diagnostic review accessible on a variety of devices
- Intuitive – no dedicated applications training required.

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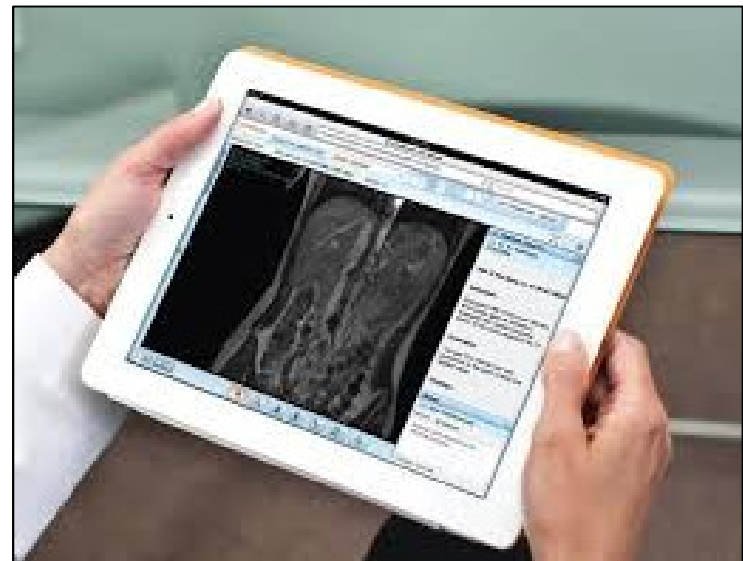
Image Viewing and transfer

Solution

MyVue – Patient access to images

❖ Secure web browser

❖ PACS functionality

❖ Zero-footprint

❖ Diagnostic review accessible on a variety of devices

❖ (View previous images and report)

❖ Sharing period.

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Vue Motion and MyVue - Data Security

- USA Configuration

- Only example of Vue Motion

  Internal network

- Direct access to PACS server.

MyVue

WFM+VueMotion

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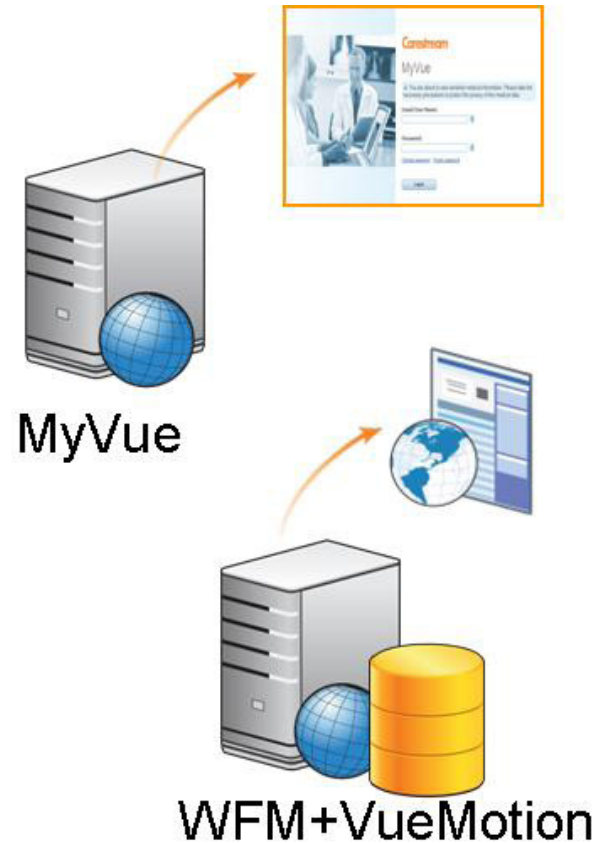
Vue Motion and MyVue - Data security

DMZ configuration

- DMZ separate the Web server from the Cobalt network & internet.

- Web server connected to a different leg of firewall

- All network activity within and to the server will be controlled and monitored by the firewall

- Testing including penetration tests.

DMZ

LAN

My Vue server

PACS services (port 2104, ...)

FireWall

HTTPS requests (port 443)

PACS services (port 2104, ...)

PACS Server

HTTPS requests (port 443)

Web

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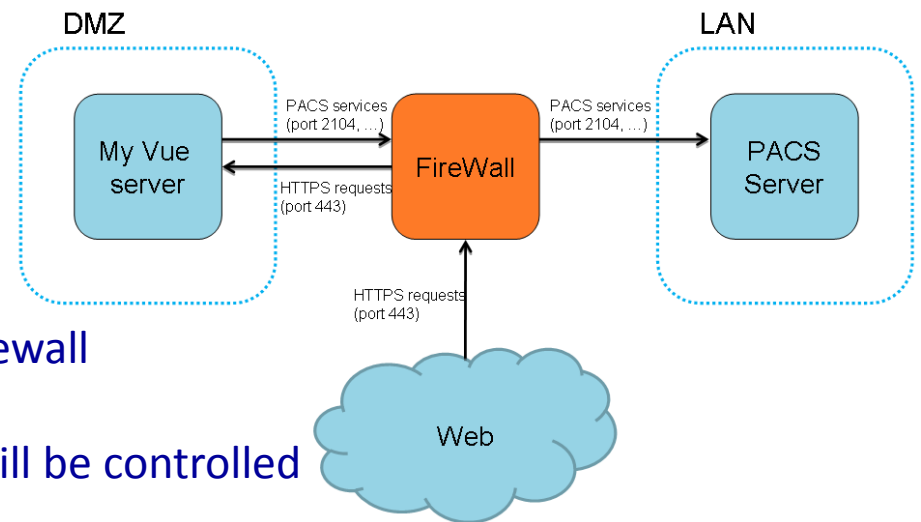
Introducing Vue Motion

The Reason

- Referrers demand easy and quick access to images & exam results

- To provide a simple & intuitive system to view images from anywhere & at anytime

The Need

- Speed and performance

- Simple, easy to adopt, requires little or no dedicated training

Introducing Vue Motion - Referrers

MSKCAT
- Valuable tool for this group of referrers
- Refer around 5-10 patients a day
- No PACS
- Images were sent via CD
- A costly & inefficient solution for both

2gether NHS Foundation Trust
Spire Clinic – Cheltenham
Gloucestershire Hospital NHS Foundation – MDT

Introducing Vue Motion - Referrers

Benefits to both parties

- Speed and performance – log on & view patients images & reports
- Simple, easy to adopt – they can share the images
- Referrers have ownership of all their patients images
- Fast, portable & user friendly.

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Vue Motion - Home Page
Easy-to-Search, Privileged-Based Access

Vue Motion - Access to Full Patient History

Education using Vue Motion

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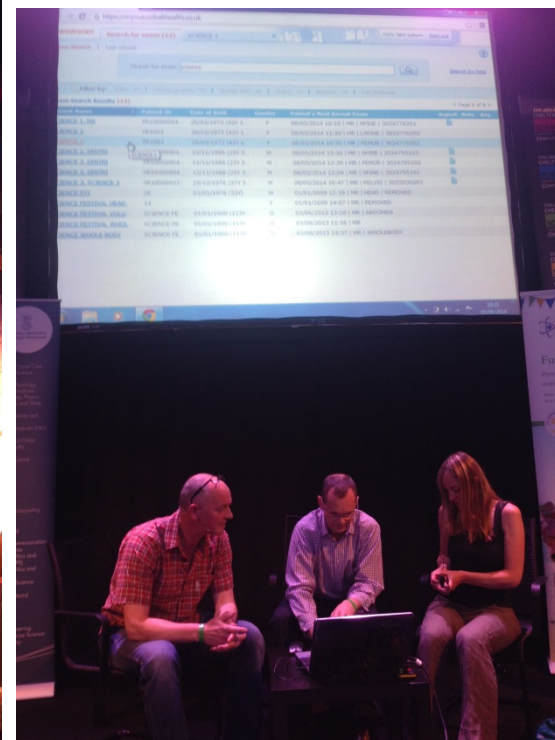
MyVue - Introduction

Marketing and Information

- ❋ First time use needed to be easy and successful

- ❋ Upfront education - Help with adoption & on-going satisfaction

- ❋ Carestream provided Patient Marketing Kit

- ❋ Literature available needed a bit of tweaking & Cobaltising.

My Data, My Way, MyVue.

New Innovative Service

MyVue

Now Available at

I ♥ MyVue

Securely view, manage and share your x-ray and results with your primary care doctors real time!

Ask the front desk on how to enroll today

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MyVue- Marketing Makes a Great First Impression

Patient Guide to **MyVue**

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As leaders in medical imaging technology Cobalt are pleased to bring you the latest and environmentally friendly way for you to access and share your medical images with doctors, specialists and others. This will be enable you to securely access copies of your scan images online in your own home, through your Personal Radiology Portal.
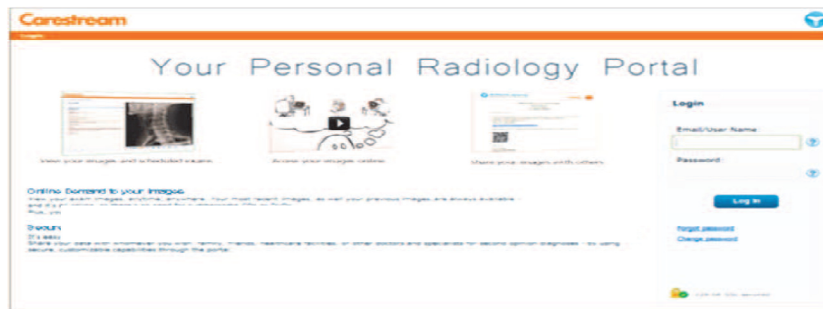
Logging into MyVue

- We will send you two emails, one with the link to the MyVue site and a second with a system generated password within a few days of your visit to Cobalt

- If you do not receive an email from us within a week of your visit please call us on 0800 1387202 a member of our team will help you

- You can reset your password to something more memorable when you log in to the system

- There is an option to retrieve a forgotten password (this option will only be active AFTER your initial login has been completed

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MyVue- Marketing Makes a Great First Impression

FAQ (Frequently Asked Questions)

For additional support call:
0800 1387202

Question	Answer
If I need additional help, what can I do?	Call 0800 1387202 during normal working hours
Can I use a Macintosh Computer?	Yes
What version of Internet Explorer must I have?	We support IE7, IE8, IE9 (with IE7 or IE8 you will need to download Google Chrome Frame)
Can I use Google Chrome, Safari or Firefox?	Yes
Can I view my exam report?	No, your report will be sent to the medical professional who sent your referral so that they can discuss the report with you
Can I share my images with other people?	Yes, see how to instructions below
If I still need a CD of my images can I get one?	Yes, however you may create one yourself with data in a standard medical format (DICOM) as well as in JPG, accessible by most hospitals and imaging centres. Please follow instructions below on how to save the images to my local PC
Can I see multiple images?	Yes, you can see all the images you have had taken, at Cobalt
Can I use an iPad to view my exams?	Yes, be aware some features operate a little differently when using an iPad
How do I know when my images are ready?	You will receive an email stating updated diagnostic information has become available for you
Can I print the images on my home printer?	Yes, select the print icon while viewing the exam

Print Report

Carestream MyVue

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MyVue - Security

⚛ 2 Token access

⚛ Password at visit

⚛ Login via email

MyVue

After you receive your personal email from MyVue, record the information here:

Username:_____

Password:_____
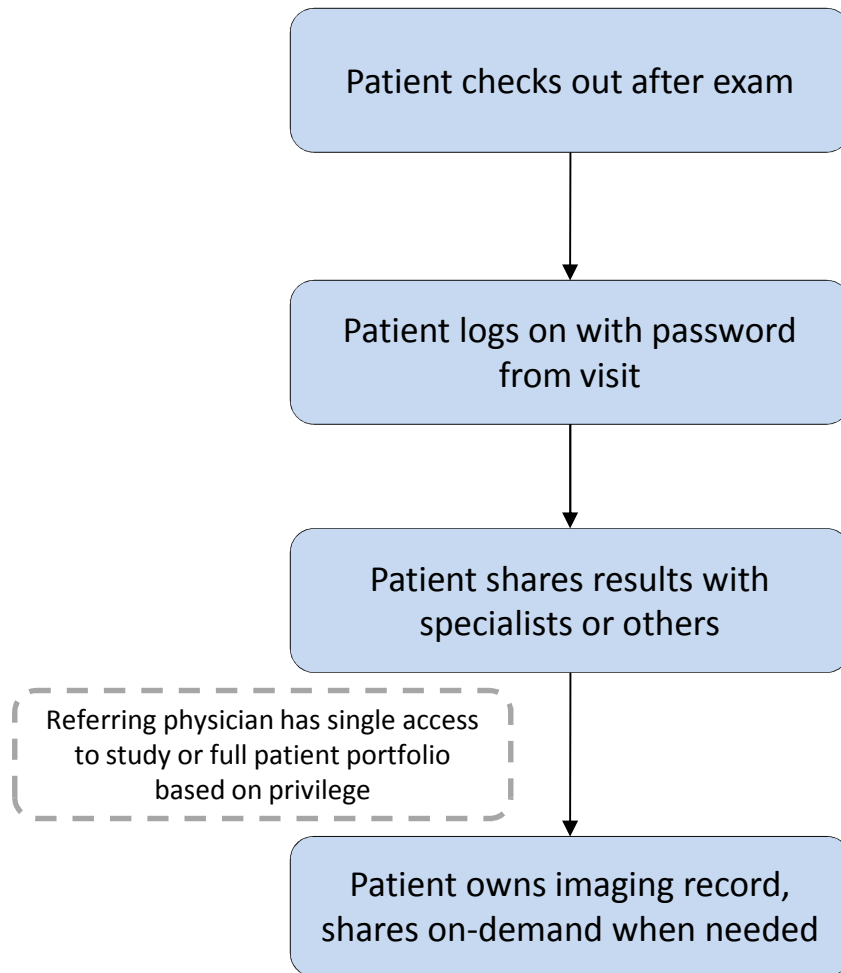
For more information visit:
www.cobalthealth.co.uk/myvue
or call Customer Support on 0800 1387202

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MyVue – Patient Centric Workflow

Patient checks out after exam

↓

Patient logs on with password from visit

↓

Patient shares results with specialists or others

Referring physician has single access to study or full patient portfolio based on privilege

↓

Patient owns imaging record, shares on-demand when needed

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MyVue - Enabling Patient Access

MyVue - Sharing by the Patient

Patient receives email with log-in information

- Unique user-id and password

- View images

- Manages sharing options

My Vue - Guest Access to Shared Exams

Physician receives email notification

⚛ One time registration

⚛ Access to exams to view images & reports

⚛ Can access multiple patients
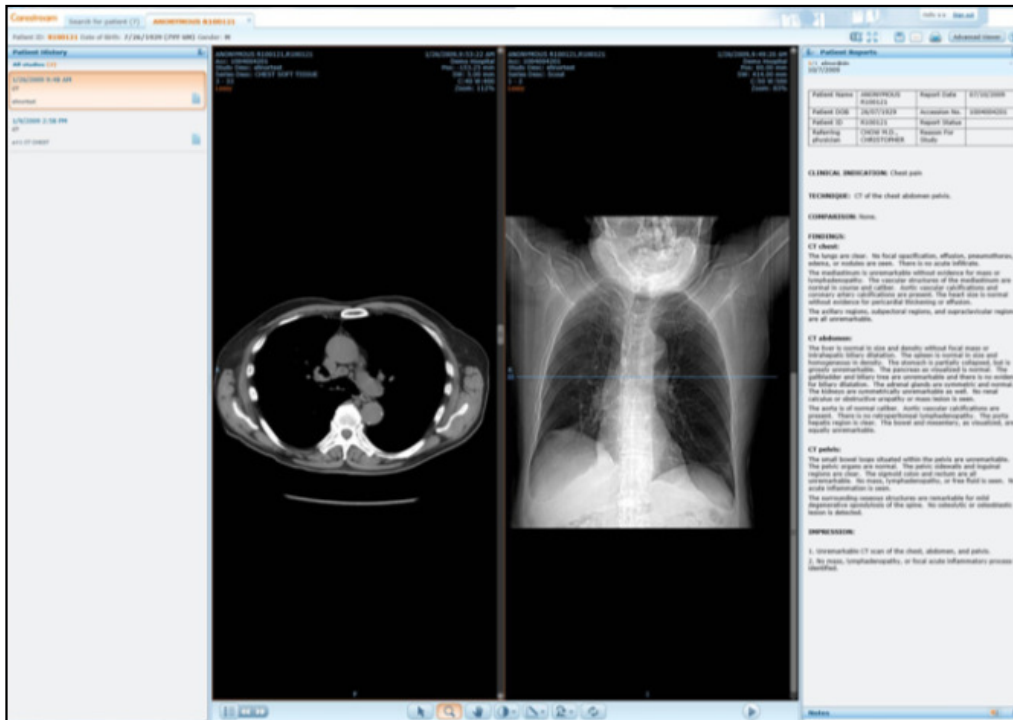
Vue Motion and MyVue - Feedback

Vue Motion

- Launched – 1st April
- Targeted MSKCAT, 2gether NHS Foundation Trust and local oncology MDTs
- Feedback

- ✓ Easy of use
- ✓ Access to previous imaging and report
- ✓ Good navigation
- ✓ Preference over CDs
- ✓ Flexibility – Anytime and anywhere
- ➢ Issue – Firefox or Google Chrome required

Quotation
Far better than CDs, very easy to logon and navigate and great to have access to the report. MSKCAT

Transformed MDTs!. Dr Tarun Kurvilla

Vue Motion and MyVue - Feedback

MyVue

✵ Launched – 1st May

Process of login (score 1-5)	1.9
Easy of changing password (yes/no)	85% yes
Ease of use (score 1-5)	2.5
Did you share images (yes/no)	66% yes
If you shared, did it work well? (yes/no)	85% yes

'The web page was simple enough to navigate through and to change my password. I was able to see my scans and the links to share the images worked really well'

' It was very easy to use and it had a great deal of information. I thought it was really interesting getting to see all of my scans wish we could all get this service when we go elsewhere'

'I felt for once that I had ownership of my images

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View Motion and MyVue - Conclusions

Vue Motion

- Referrer satisfaction
- Easy to use
- Easy to log on
- Good navigation
- Improved governance
- Educational tool

MyVue

- Patient satisfaction
- Streamline the process
- Improved governance
- Won't suit all
- Cost effective?

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What's next for Cobalt?

Vue Reporting/Native PACS

- Better workflow
- Remote access
- Minimised data entry
- Quicker report turnaround
- Cost Saving – Staff?

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