

# **VA's VistA, New Advances of a Full-Featured Electronic Health Record**

**Clinical Data Used to Improve Care**

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# Features of VA's VistA

- ◆ **One Record for Inpatient, Outpatient and Home**
- ◆ **User Friendly - Configure Provider Preferences**
- ◆ **View Images with Text**
- ◆ **Remote Text and Image View – VAs and DoD**
- ◆ **Searchable Database with Reports**
- ◆ **Reminders for Improved Patient Care**
- ◆ **Personal Health Record**
- ◆ **Mobile Platforms – extended Telehealth**

# Implementing EHR (VistA)

- ◆ Use expert and non-expert clinician advisors.
- ◆ Local ownership-- Customize templates, reminders and overall organization.
- ◆ Package popular (discharge summaries, labs, images) with unpopular (order entry, notes) components
- ◆ Maintain hybrid status until 60-70% use is achieved. ( “Tipping point” )
- ◆ Keep software intuitive and user friendly for rapid adoption by new providers
- ◆ Provide real improvement in patient care

# Cover Sheet

Vista CPRS in use by: VHA Doctor, 1

File Edit View Tools Help

<b>Demo Patient 1</b> 000-00-0001 001/01/1901 (00)	<b>Room No: 0A000</b> Provider: VHA Dr. 1	<b>Primary Care Team Demo</b> Attending: VHA Attending 1	Flag	Remote Data	Postings <b>CAD</b>
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Active Problems	Allergies / Advers	Postings
Asthma, Unspecified Type, Without Mention Of Status Asthmaticus Dental Caries, Unspecified Acquired Absence Of Teeth, Unspecified Chronic Ischemic Heart Disease Ventricular Tachycardia Intracardiac Catheter Ablation Of Arrhythmogenic Focus For Treat Postsurgical Status Of Automatic Implantable Cardiac Defibrillator Ir Diabetes Mellitus	Grass Aspirin Penicilin Vk	<b>Allergies</b> Crisis Feb 21,1995 Advance Directive Aug 10,1999 Advance Directive Feb 21,1995

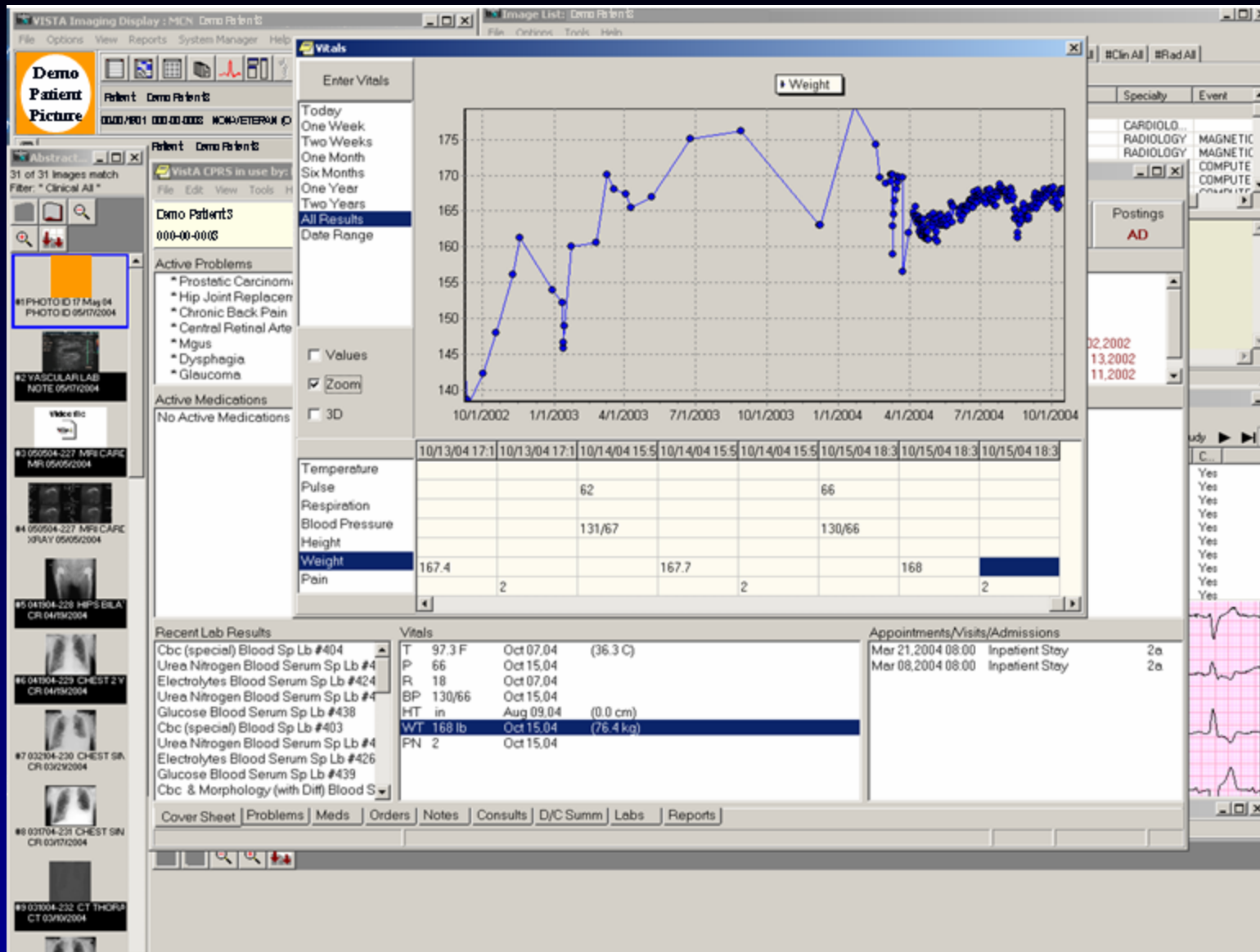
Active Medications	Clinical Reminders	Due Date
Levothyroxine Tab Pending Baclofen Tab Pending Clonidine Tab Pending Acetazolamide Tab Pending	IHD Lipid Profile	Aug 21,99

Recent Lab Results	Vitals	Appointments/Visits/Admissions
No Orders Found.	T 98.7 F Jul 20,2004 10:47 (37.1 C) P 87 Jul 20,2004 10:47 R 16 Jul 20,2004 10:47 BP 134/78 Jul 20,2004 10:47 HT 72 in Feb 20,2003 19:38 (182.9 cm) WT 204 lb Jul 20,2004 10:47 (92.7 kg) PN 1 Jul 20,2004 10:47	No data found

Cover Sheet | Problems | Meds | Orders | Notes | Consults | Surgery | D/C Summ | Labs | Reports

# Vital Signs – Weights

## Home, Clinic, Hospital



Weight gain over time

# Vital Signs – Weights Home, Clinic, Hospital

VISTA Imaging Display: Demo Patient

Enter Vitals

Today  
One Week  
Two Weeks  
One Month  
Six Months  
One Year  
Two Years  
All Results  
Date Range

Weight

172  
170  
168  
166  
164  
162  
160  
158

3/1/2004 4/1/2004 5/1/2004 6/1/2004 7/1/2004 8/1/2004 9/1/2004 10/1/2004

10/13/04 17:1 10/13/04 17:1 10/14/04 15:5 10/14/04 15:5 10/14/04 15:5 10/15/04 18:3 10/15/04 18:3 10/15/04 18:3

Temperature						
Pulse		62			66	
Respiration						
Blood Pressure			131/67			130/66
Height						
Weight	167.4			167.7		168
Pain		2		2		2

Active Problems

- Prostatic Carcinoma
- Hip Joint Replacer
- Chronic Back Pain
- Central Retinal Artery Occlusion
- Mgus
- Dysphagia
- Glaucoma

Active Medications

No Active Medications

Recent Lab Results

Cbc (special) Blood Sp Lb #404  
Urea Nitrogen Blood Serum Sp Lb #4  
Electrolytes Blood Serum Sp Lb #424  
Urea Nitrogen Blood Serum Sp Lb #4  
Glucose Blood Serum Sp Lb #438  
Cbc (special) Blood Sp Lb #403  
Urea Nitrogen Blood Serum Sp Lb #4  
Electrolytes Blood Serum Sp Lb #426  
Glucose Blood Serum Sp Lb #439  
Cbc & Morphology (with Diff) Blood S

Vitals

T 97.3 F Oct 07,04 (36.3 C)  
P 66 Oct 15,04  
R 18 Oct 07,04  
BP 130/66 Oct 15,04  
HT in Aug 09,04 (0.0 cm)  
WT 168 lb Oct 15,04 (76.4 kg)  
PN 2 Oct 15,04

Appointments/Visits/Admissions

Mer 21,2004 08:00 Inpatient Stay 2a  
Mer 08,2004 08:00 Inpatient Stay 2a

Clin All Rad All

Specialty Event

CARDIOLOG...  
RADIOLOGY  
RADIOLOGY  
MAGNETIC  
MAGNETIC  
COMPUTE  
COMPUTE

Postings  
AD

02,2002  
13,2002  
11,2002

Yes  
Yes  
Yes  
Yes  
Yes  
Yes  
Yes  
Yes

Cover Sheet | Problems | Meds | Orders | Notes | Consults | D/C Summ | Labs | Reports

Weight controlled with thorocentesis x2 and Furosemide



# Images – MRI Video loop

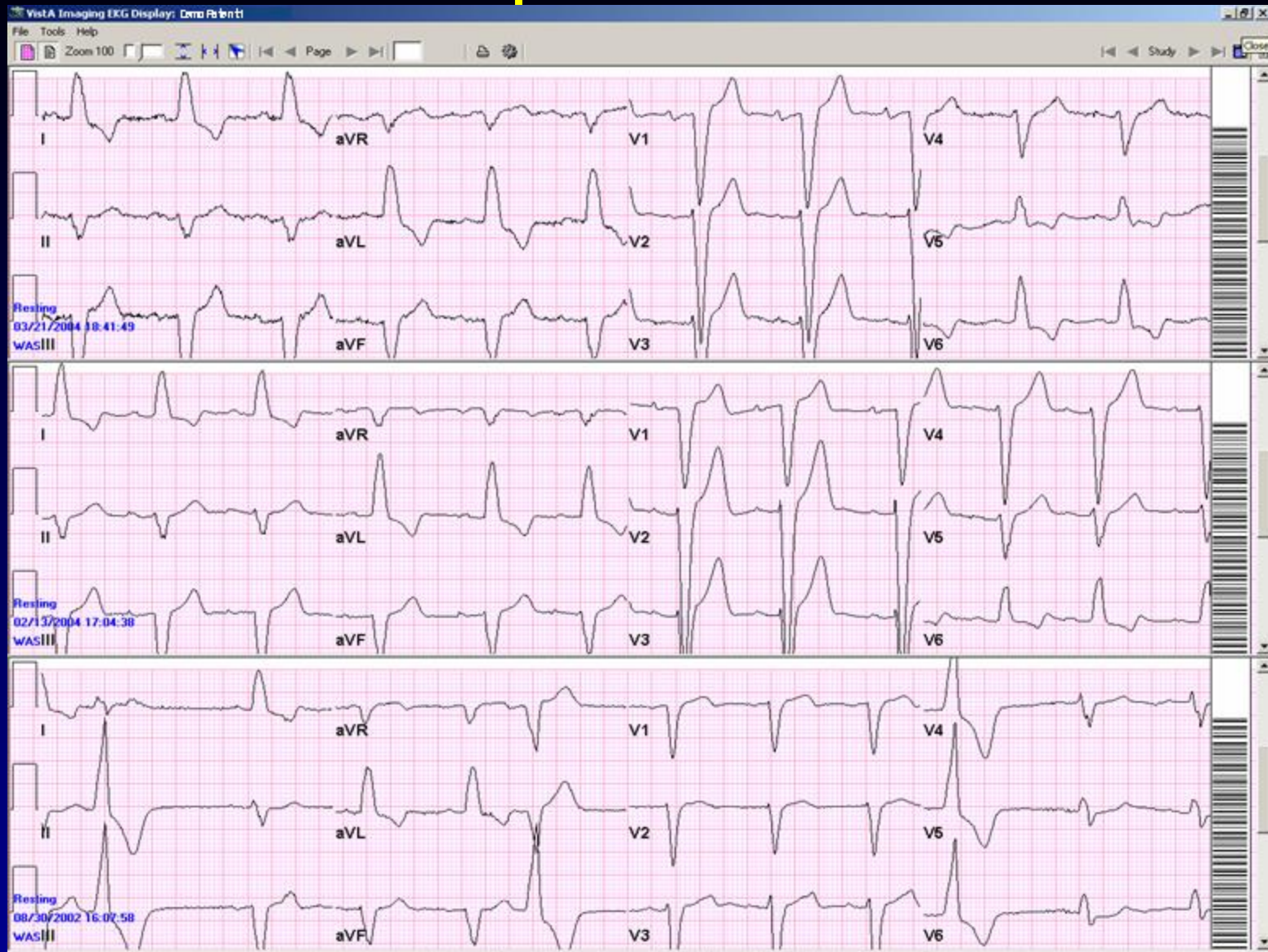
## LBBB on ECG

The screenshot displays a medical software interface with several windows:

- VISTA Imaging Display:** Shows patient information: "Demo Patient", "Patient: Demo Patient 3", and "31 of 31 Images match Filter: 'Clinical All'".
- VISTA Imaging EKG Display:** Shows an ECG strip with lead labels (V1, V2, V3, V4, V5, V6, AVR, AVL, AVF, V7, V8, V9) and a text box containing: "Normal P axis, possible ectopic atrial rhythm", "Left axis deviation", "Left bundle branch block", and "Abnormal ECG".
- Video Player:** Displays an MRI image of the heart with the title "000 - 000 - 00 MRICARDIAC WITH/WITHOUT CONTRAST 00/00/1501".
- Image List:** A vertical list of image thumbnails on the left side, including "PHOTO ID 17 Mag 04", "VASCULAR LAB", "MRI CAPE", "MIPS BLA", "CHEST 2Y", "CHEST SA", "CHEST SIN", and "CT THORA".
- Bottom Panel:** Shows a group of "4 Images" and four "Video file" icons.

Septum moves paradoxically away from left ventricle

# Images –Widening LBBB Sequential ECGs



QRS increased from 0.154 TO 0.178

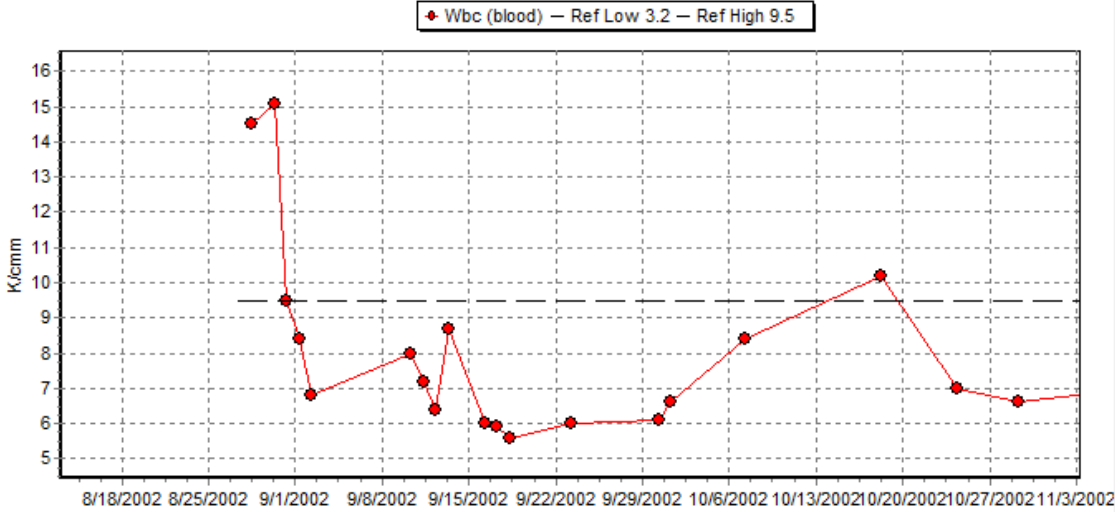


Zoomed Date Range: Aug 13, 2002 2:43 am to Nov 3, 2002 6:44 am.

Individual Graphs

Items Views

Item	Type
Uric Acid	Lab Tests
Uric Acid Crystal (iris)	Lab Tests
Urine Sperm	Lab Tests
Urobilinogen	Lab Tests
Vdrl (to 01/18/12)	Lab Tests
Volume	Lab Tests
Wbc (blood)	Lab Tests
Wbc (cerebrospinal fluid)	Lab Tests
Wbc Clumps	Lab Tests
Wbc/Hpf (iris)	Lab Tests
Westergren Esr	Lab Tests
White Blood Cell Cast	Lab Tests
Xanthochromia	Lab Tests
Acetaminophen	Medication
Albumin 5% Human	Medication
Albuterol 3ml Neb (inpt)	Medication
Aloha/Mgoh/Simth Extra Strength Liquid	Medication
Asap 200mg/Cedaine 20mg (#2)	Medication

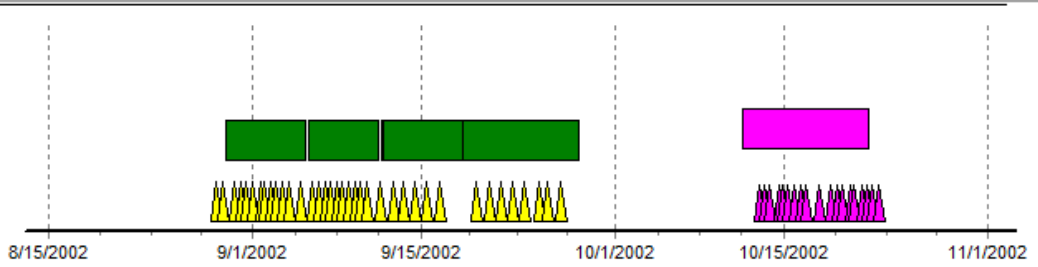


Individual Graphs

Items Views

Meds - Abx
Meds - Htn
Meds - Pulmonary
Meds: Abx
Proc - Cardiology
Proc - Gi
Proc - Pulmonary
Vitals - Bp/Pulse/Wt
[Lab Groups]
1) Na, K, Cl, CO2, Bun, Creat, Glucose
10) Pth Int, 1,25-Di, Renin, Aldoste, Testost, Gastrin, Prok
11) Van-Pea, Van-Tro, Gen-Pea, Gen-Tro, Tob-Pea, Tob-
12) Theophy, Digoxin, Procain, Napa, Quinidi, Dilanti, Car
13) Sp.Grav, U-Alb, Ketones, Ur. Bld, Bilirub, Nitrite, Leu A
14) Wbc/Hpf, Rbc/Hpf, Hyaline, Granula, Wbc/Cas, Rbc
15) FInh, Amulase, Linase, Cea, Psa, Pns, An, Hba1c.

Meds: Abx [Public View]:



- |   |   |
|---|---|
| <span style="color: red;">■</span> Azithromycin                             | <span style="color: blue;">■</span> Cefazolin                                 |
| <span style="color: yellow;">■</span> Ceftriaxone                           | <span style="color: green;">■</span> Piperacillin/Tazobactam                  |
| <span style="color: magenta;">■</span> Zsulfameth800/Trimeth160(bactrim Ds) | <span style="color: lightgreen;">■</span> Zzzosyn 2.25gm In D5                |
| <span style="color: olive;">■</span> Zzzosyn 3.375 In D5                    | <span style="color: red;">■</span> Azithromycin 250mg Tab                     |
| <span style="color: blue;">■</span> Azithromycin 500mg Inj                  | <span style="color: yellow;">■</span> Cefazolin Inj. (1gm Vial)               |
| <span style="color: green;">■</span> Ceftriaxone Na 1gm/Vi Inj              | <span style="color: magenta;">■</span> Sulfamethoxazole 800/Trimeth 160mg Tab |
| <span style="color: lightgreen;">■</span> Zosyn 2.25gm In D5 50ml           | <span style="color: olive;">■</span> Zosyn 3.375 Gm In D5 50ml                |
| <span style="color: green;">■</span> Zzpipracillin 3/Tazobatam .375(zosyn)  | <span style="color: grey;">■</span> Cephalixin 250mg Cap                      |

Date Range: All Results  Split Views

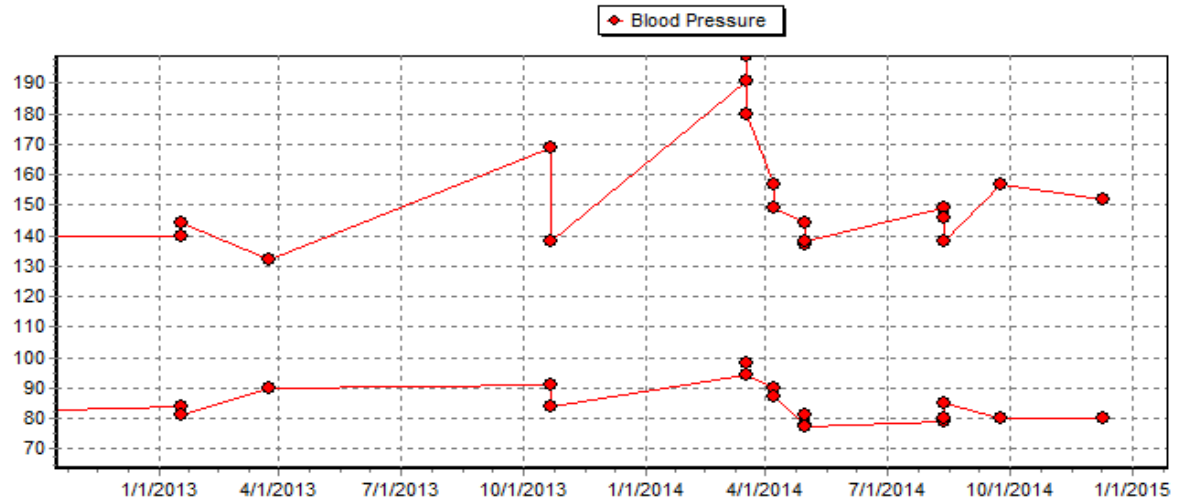
# Gap in Medication

Zoomed Date Range: Oct 16, 2012 3:43 pm to Jan 27, 2015 1:31 am.

Individual Graphs

Items Views

Item	Type
Terazosin Hcl 10mg Cap	Medication,Outpat...
Terazosin Hcl 5mg Cap	Medication,Outpat...
Valacyclovir Hcl 500mg Tab	Medication,Outpat...
Vardenafil Hcl 5mg Tab	Medication,Outpat...
Chest 2 Views Pa & Lat	Radiology Exams
Echogram Kidney	Radiology Exams
Foot 3 Or More Views	Radiology Exams
Knee 2 Views	Radiology Exams
Blood Pressure	Vitals
Body Mass Index	Vitals
Circumference/Girth	Vitals
Height	Vitals
Pain	Vitals
Pulse	Vitals
Pulse Oximetry	Vitals
Respiration	Vitals
Temperature	Vitals



Individual Graphs

Items Views

[Personal Views]

Hgbnr

Inr

[Public Views]

Icu - Cardiac

Icu - Vent

Lab - Cbc

Lab - Chem Other

Lab - Chemistry

Lab - Infection And Temp

Lab - Pulmonary

Meds - Abx

**Meds - Htn**

Meds - Pulmonary

Meds: Abx

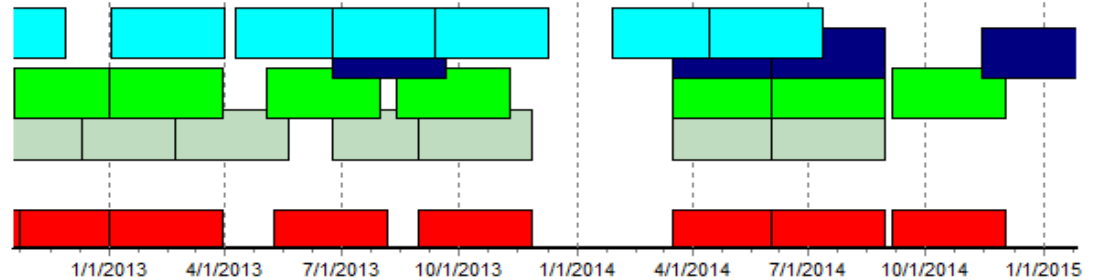
Proc - Cardiology

Proc - Gi

Proc - Pulmonary

Vitals - Bp/Pulse/Wt

Flash Group



- Amlodipine Besylate 10mg Tab
- Diltiazem (eqv-Tiazac) 120mg 24hr Cap
- Diltiazem (eqv-Tiazac) 300mg 24hr Cap
- Doxazosin Mesylate 2mg Tab
- Felodipine 10mg Sa Tab
- Hydralazine Hcl 50mg Tab
- Lisinopril 40mg Tab
- Losartan Potassium 100mg Tab
- Losartan Potassium 50mg Tab
- Metoprolol Tartrate 50mg Tab
- Tamsulosin Hcl 0.4mg Cap
- Terazosin Hcl 10mg Cap
- Terazosin Hcl 5mg Cap

# Images – Cineangiogram

The screenshot displays a medical imaging software interface with the following components:

- Top Bar:** "MISTA Imaging Display : Demo Patient" and "Radiology Viewer -- Demo Patient 1".
- Menu Bar:** File, Options, View, Reports, System Ma, File, Image, Rotate, Presets, ViewInfo, Tools, Options, Layout, Full Res, Help.
- Left Panel:** "Demo Patient Picture" and "Patient: Demo Patient 1" with ID "0000/1501 000-00-0001".
- Image List:** A vertical list of thumbnails with descriptions: "2 CATH MAY 02, 2001 CATH 05/02/2001-Gro", "3 CATH May 02, 2001 NO TEXT 05/02/2001-G", "4 PHOTO ID Apr 06, 2000 PHOTO ID 04/06/2000", "5 CARD Jul 22, 1997 CARD 05/02/1997-Gro", "6 Echo Study Done Groves ECHO 05/02/1997-Gro", "7 X-RAY 5/10/93 GEN. MED. 05/10/1993".
- Main View:** A large circular cineangiogram showing a coronary artery. Below it is a pink ECG waveform. A status bar reads "NO TEXT 05/02/2001 CATH May 02, 2001 (8x512x512)".
- Bottom Panel:** "NO TEXT 05/02/2001 CATH May 02, 2001 - 12 Images" and a row of 12 image thumbnails. The first three are labeled "1 CATH May 02, 2001", "2 CATH May 02, 2001", and "3 CATH May 02, 2001".
- Dialog Box:** "DICOM Multiframe Cine View" with "Page 48 of 61". It includes "Cine" and "Stop" buttons, "Select Play Mode:" options (Play once, Repeat, Rubbeband), and "PrevPg" and "NextPg" navigation buttons.

# Images – Colonoscopy

## Acute bleeding

VISTA Imaging Display: Demo Patient 2

Image List: Demo Patient 2

12 of 12 Images match Filter: "Clinical All"

Item	Proc DT	Procedure	#1	Short Desc	Pkg	Class	Type	Specialty	Event
1	09/28/2001	NOTE	2	CONSULT NURS...	NOTE	CLIN	CONSULT	NURSING	WOUND A
2	08/20/2001	DPH	8	OPHTHOLOGY	NOTE	CLIN	IMAGE	EYE CARE	
3	11/01/1999	XRAY	1	110199-38 UNLIS...	RAD	CLIN	MISCELLANEO...	RADIOLOGY	XRAY

SIGMOID COLON DIVERTICULA COL 03/24/1998

01 SIGMOID COL

FUJINON EYE 07 12-24-92  
9261 11:50:13  
COL

VCR

AA/HR  
VA MED CENTER

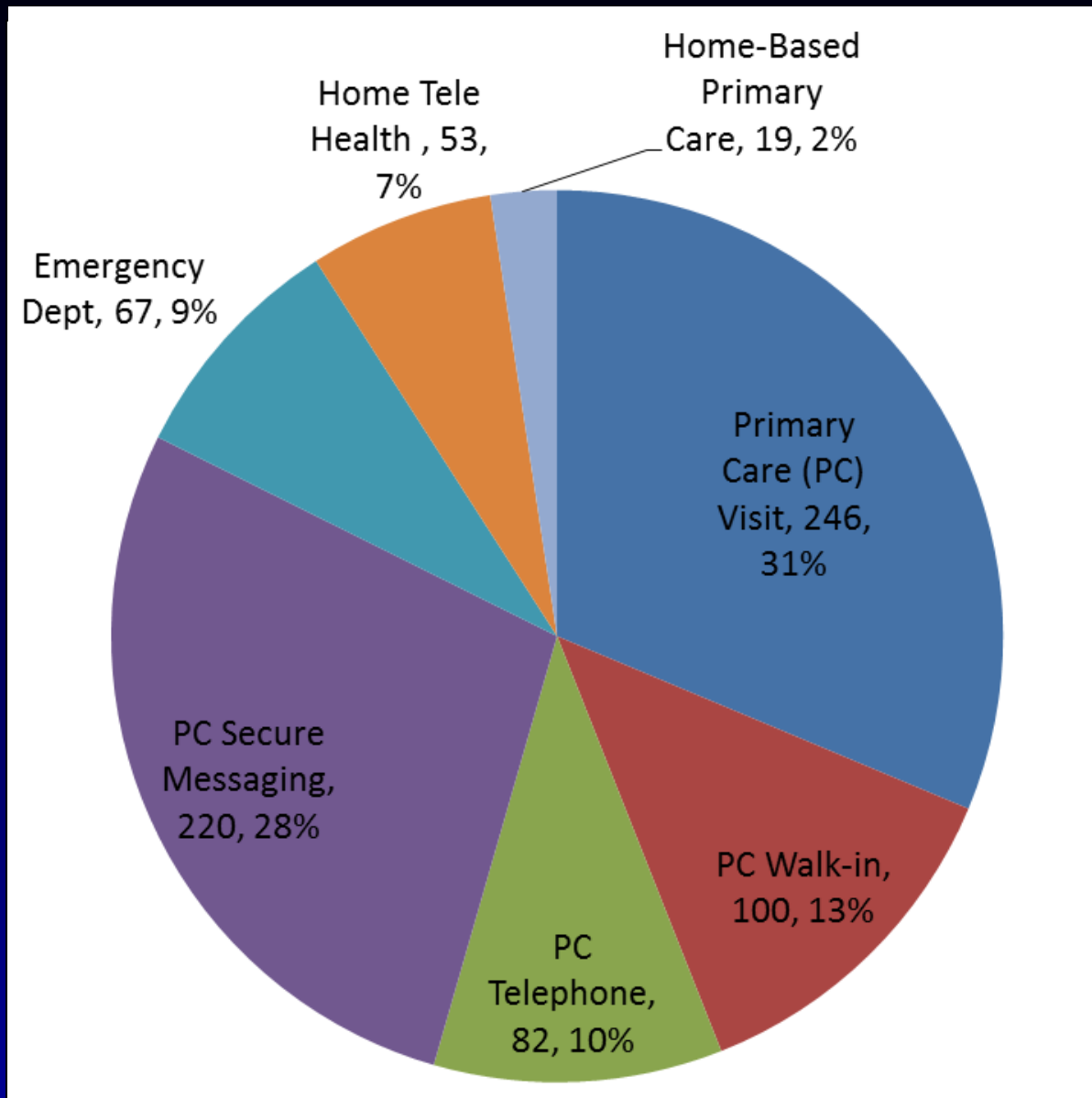
3 Images

- #1 SIGMOID COLON DI COL 03/24/1992
- #2 SIGMOID COLON D COL 03/24/1998
- #3 SIGMOID COLON D COL 03/24/1998

#7 PHETYLFLANAVI 01 1992



# Primary Care Access - Daily Average (2015)



# **The Virtual Hospital**

**The Best Care Anywhere**  
(Phillip Longman)

**Everywhere !**

# Improving Access





# Improving Access





# VA has been a leader in Virtual Access

## In FY 2015

- **Transactions:**
  - 1 million+ prescriptions refilled online per month
- **Communications:**
  - 1.6 million patients using VA secure email with providers
- **Expert Care:**
  - More than 2.14 million Telehealth visits
    - 156,000 patients case-managed by home telehealth (HT)
    - 282,000 patients used clinical video telehealth (CVT) between VA clinics; 6,300+ received CVT visits directly into their homes
    - 298,000 used Store-and-Forward Telehealth (SFT) technology
  - 395,000 eConsults
- **Information Sharing:**
  - 1 million+ patients using Blue Button to download EHR data

# VA Telehealth Services: Outcomes

- In FY15, VA specific Telehealth Applications (CVT, HT and SFT) provided care from 150 VA Medical Centers (VAMCs) and over 750 Community Based Outpatient Clinics (CBOCs) to more than **677,000 patients** (over 11% of Veterans receiving VHA care). This amounted to more than **2.14 million Telehealth episodes of care.**
- Forty-five percent (**45%**) of these patients lived in rural areas, and may otherwise have had limited access to VA healthcare. The number of Veterans receiving care via VA's Telehealth Services **grew approximately 6%** in FY15.
- A total of 156,016 Veterans received Home Telehealth services in VA during FY15.
- Of the 89,651 Veterans in the FY15 year-end HT census, **36,785 (41%) Veterans were being supported by HT to live independently** in their own homes, patients who otherwise may have needed long-term institutional care.

# VA Telehealth Services: Outcomes (cont.)

## Reductions in Utilization FY 2015

- Home Telehealth reduced bed days of care – 58%
- Home Telehealth reduced hospital admissions – 32%
- Clinical Video TeleMental health reduced Acute Psychiatric bed days of care – 35%

## Patient Satisfaction

- Home Telehealth – 89%
- Store-and-Forward Telehealth – 96%
- Clinical Video Telehealth – 94%

# Patient Centered Care thru Informatics

- **DHCP 1982**
- **CPRS GUI interface - 1995**
- **VistA**
- **My Healthevet 2003 available to all Veterans**
  - Patient Record – Blue Button**
  - Medications – Refill**
  - Track Health -- Weight and Blood Pressure**
  - Appointments -- Patient request**
  - Secure Messaging**
  - Clinical Reminders**
  - Health Information**
- **Share VA record with DoD (VLER) and Private Sector**





[www.myhealth.va.gov](http://www.myhealth.va.gov)

My Health, My Care: 24/7 <sup>Online</sup> Access to VA

# My HealthVet

A personal My HealthVet account provides Veterans with a variety of online tools to manage their health care.



**Communicate  
with Participating  
Patient Aligned  
Care Team  
Members**



**View Medical  
Appointments**



**Refill  
Prescriptions**



**Download and  
Share Personal  
Health Information**

# My HealthVet: VA Personal Health Portal

- My HealthVet has 10+ years of award-winning and proven success
  - An established brand with public and private partners and innovative functionality, including Secure Messaging, VA Prescriptions, VA Appointments and VA Blue Button (Open Notes)
  - Nearly 45 percent of VA patients have registered for My HealthVet



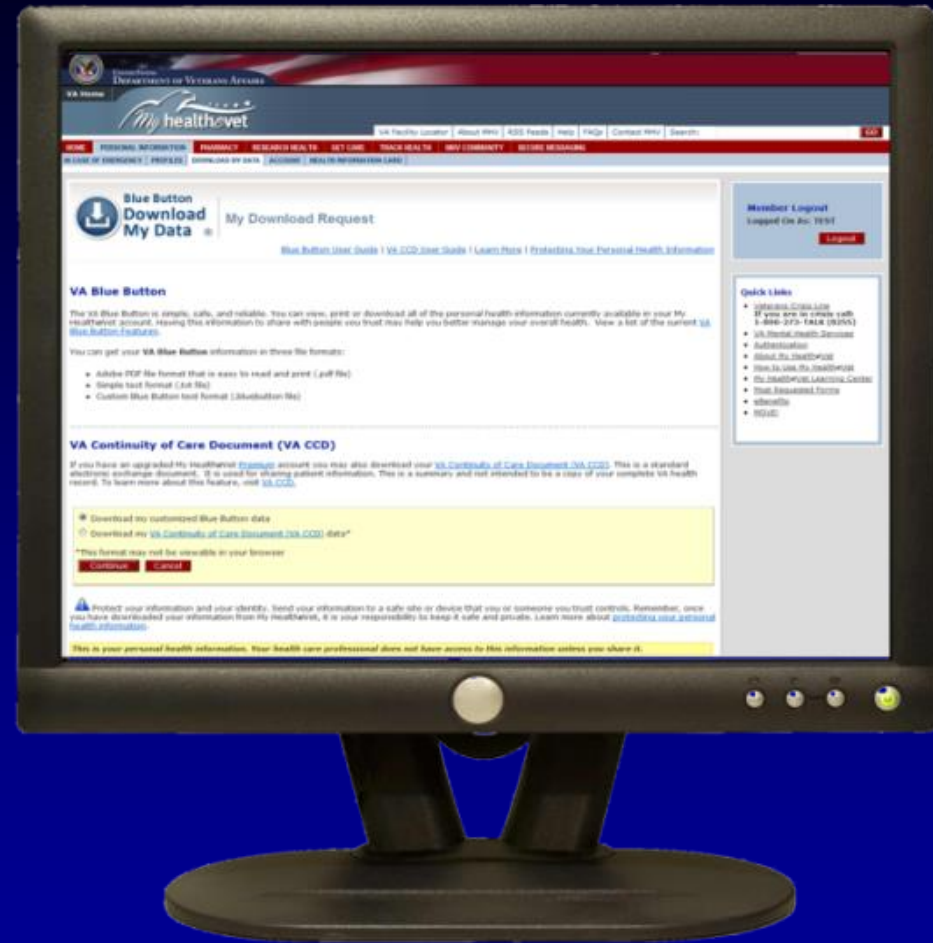
**142 million+  
visits**

**3.5 million+  
registered users**

**1.6 million+  
opted-in to use  
Secure Messaging**

# VA Blue Button

- Veteran patients with a Premium My HealthVet account can use the VA Blue Button to:
  - Create a single electronic file with their available personal health information
  - Manage their health care at VA medical facilities.
- Enhances Access to Personal Health Information
- Fosters Patient Engagement
- Supports Patient-Centered Care



*FY 15, 1 million+ Veteran patients using VA Blue Button to download EHR data*

# Today...





# VA Mobile





# Stand Alone Mental Health Apps



Apps are native and do not connect to the VA network.

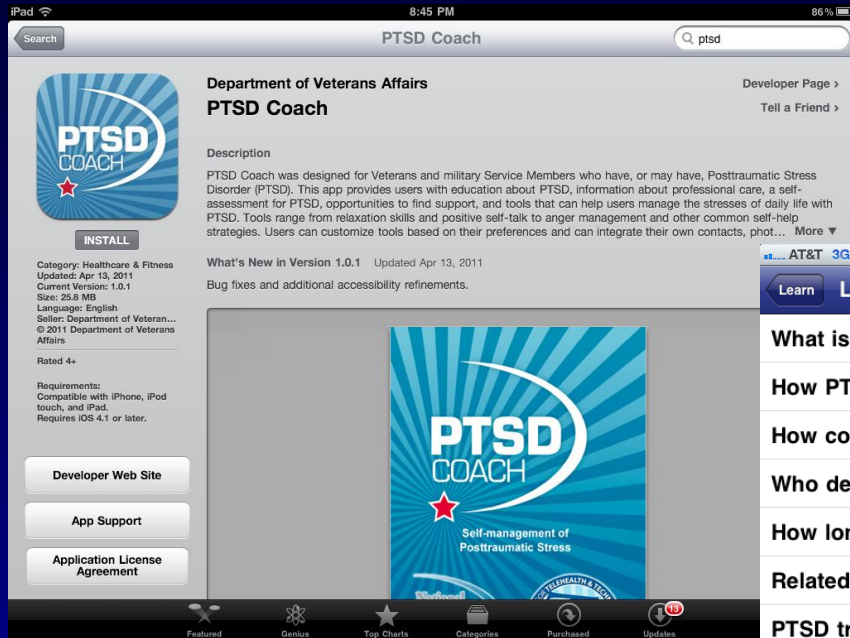
Apps are regularly used as part of VA treatment.

Apps are also available to any interested clinicians & patients.

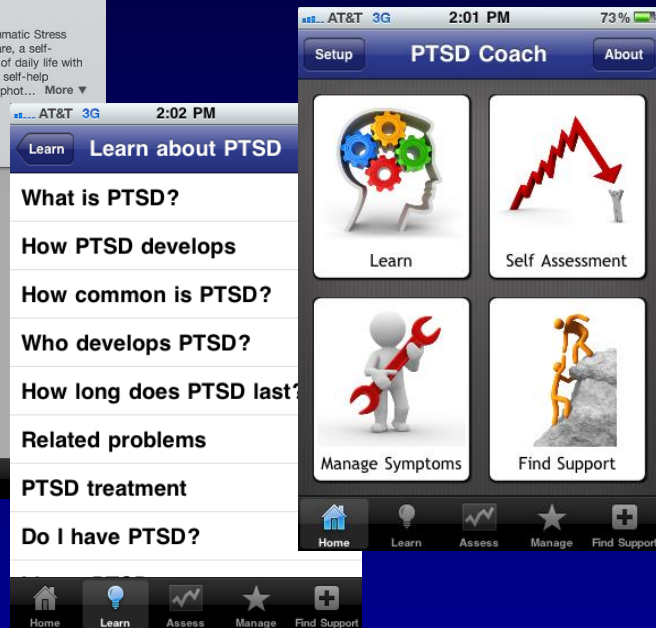


# Expanding on the Go Resources

The PTSD Coach mobile app is one of the first in a series of VA and DoD jointly-designed resources to help Service members and Veterans manage their readjustment challenges and get anonymous assistance.



5,000+ Downloads via iTunes



# Examples of Apps for Veterans in Development that Connect to VA's EHR



- **Annie for Veterans**
  - Promotes self-care for Veterans enrolled in VA health care; Veterans receive automated messages that prompt them to track their own health. Annie also can send you reminders and messages from your local VA facility
- **Mobile Blue Button**
  - Allows Veterans to access, print, download and store information from VA's HER
- **Summary of Care**
  - Allows Veterans to view VA medical information – including lab results, medications and allergies
- **Veterans Appointment Request**
  - Allows Veterans to request primary care and mental health appointments at VA facilities where you already receive care, and to schedule and cancel selected primary care appointments directly through the app

# Future of VA Mobile Health

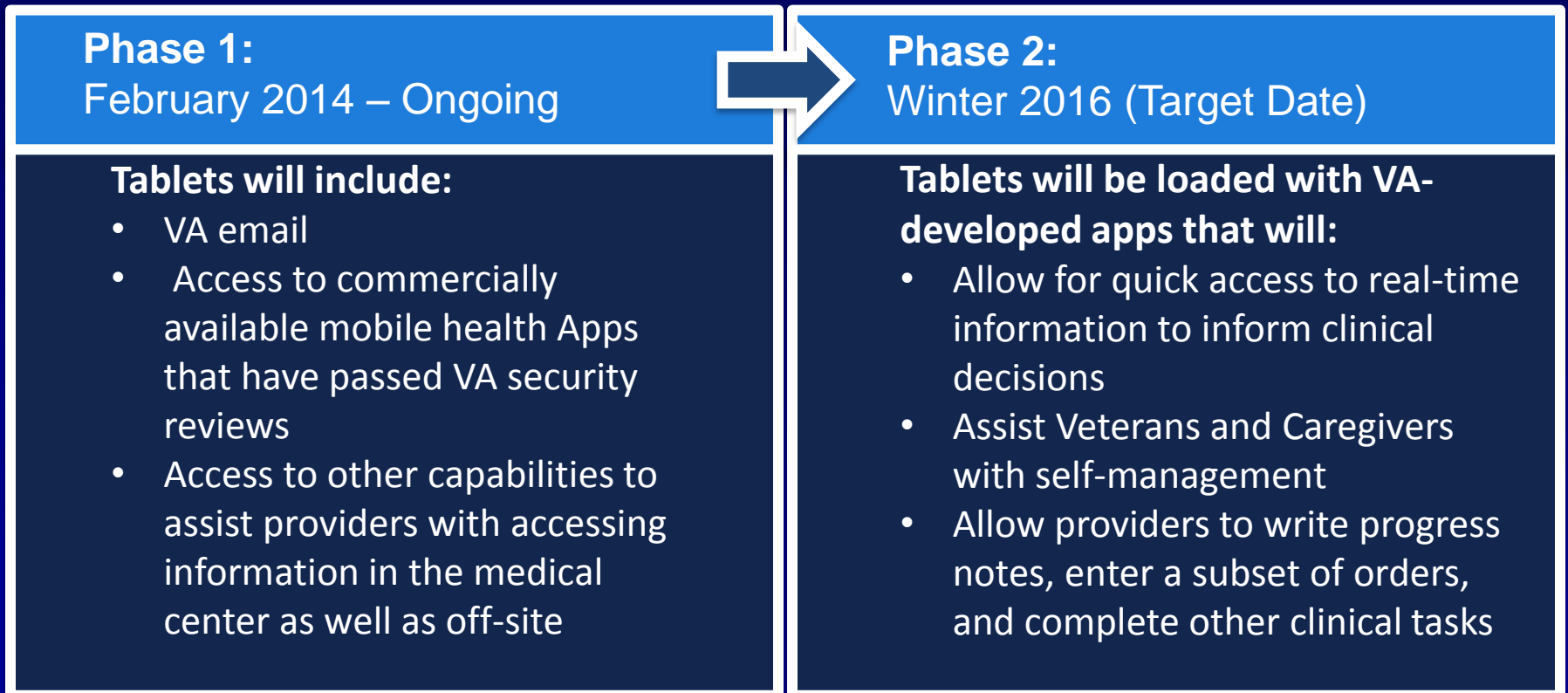
- Focus on Apps that allow Veterans enrolled in VA healthcare to enter Patient-Generated Data (PGD) and share that health information with their VA care teams



- My VA Health
  - Helps Veterans track their health data, record their life and health goals over time, and share information about their health with their VA care team
- Sync My Data
  - Allows Veterans to transfer data stored in Apple HealthKit to the VA PGD database. Uploading data to the PGD will make it available to other VA health care apps and allow Veterans and their health care team to maintain a consolidated health care record

# Mobile Health Provider Program

- Distribute to Centers
- Distribute tablets to more than 12,000 VA clinicians at 40+ VA Medical Centers
- Evaluate the potential for mobile technologies to improve the efficiency and personalization of health care delivery by clinical staff





# VA Connected Care

Connected Health Technologies	Year Started	Veterans Served in 2015
Virtual Care Modality Totals (Telehealth, Secure Messaging, SCAN-ECHO only)		2,297,473 (40% VHA patients)
Veteran Point of Service Kiosks	2010	>4M transactions
My HealtheVet	2003	~3,500,000
Blue Button	2010	~1,300,000
Secure Messaging	2008	~1,600,000
Store & Forward Telehealth	2000	298,802
eConsults	2010	395,178
Clinical Video Telehealth	2002	282,319
Home Telehealth	2003	156,016
SCAN-ECHO	2011	1,878
Veteran Mobile Apps	2013	15 + many in field testing and development
Staff Mobile Apps	2013	6 + many in field testing and development

# **New Advances in Informatics**

- **Mobile devices – Patient facing. Provider Facing  
VA App Store**
- **Scheduling Changes – Graphic View, Today no longer default  
Use Clinically indicated date (CID)**
- **Enterprise Registration June 2017**
- **VistA Evolution – eHMP progression from Janus Legacy Viewer  
Organizes all VA, DoD, and Non VA data sets  
Will have Notes and orders in a year**

# **VistA Evolution – Vista 4 – Enterprise Health Management Platform**

- **Web based – Allow remote access**
- **Combines all sources of Health data chronologically**
  - **Local VA, All other VAs, All DoD and All Community sites on eHMS**
- **Modular components for variable and customizable layouts**
- **Searchable across data elements**
- **Sortable by**
- **Detail with Graphics on Lab and Vital Signs**
- **Detail of all Documents**
- **Global timeline of all events**
- **OSEHRA compatible**

# VA Enterprise Health Management Platform (eHMP) Overview

**Demo, VA Patient**  
 DOB: 00/00/0000 (00y)  
 Gender: Unknown

**Outpatient**

SSN: 000-00-0000

**POSTINGS**

C
W
A
D
F

Primary Care: Yellow Four  
 Mental Health: Team Amethyst

11/24/2014 - 11/24/2016

Overview ▾

Search Record

**CLINICAL REMINDERS**

Priority	Title	Type	Due Date
No Records Found			

**ENCOUNTERS**

Encounter	Last	Hx	Occurrence
Visits	4d	421	
Appointments		132	
Admissions	None	0	
Procedures	6d	352	

**REPORTS**

Date	Type	Author or Verifier
<b>▼ May 2016</b>		
05/13/2016	Radiology	Taylor, Justin Richard
05/06/2016	Laboratory Report	Chauhan, Suman
05/05/2016	Laboratory Report	Paal, Edina E
05/03/2016	Imaging	Mercanti, William A
05/02/2016	Imaging	Mercanti, William A
<b>▼ April 2016</b>		

**PROBLEMS**

Problem	Acuity	Status	Facility
Chronic Low Back Pain	Unknown	Active	WAS
Lumbar Post-Laminectomy Syndrome	Unknown	Active	WAS
LUMBAR SPONDYLOSIS	Chronic	Active	DOD
Chronic Post-Traumatic Stress Disorder	Unknown	Active	WAS
Headache	Unknown	Active	WAS

**ACTIVE & RECENT MEDICATIONS**

Medication	Refills	Status/Fillable
<b>12 HR Bupropion Hydrochloride 100 MG Extended Release Tablet TAKE ONE TABLET BY MOUTH TWICE A DAY</b>	3	Fillable for 4m 35d
<b>Sertraline 100 MG Oral Tablet TAKE TWO TABLETS BY MOUTH AT BEDTIME</b>	3	Fillable for 6m 2m
<b>Loratadine 10 MG Oral Tablet TAKE ONE TABLET BY MOUTH QD</b>	2	Fillable for 5m 9d

**VITALS**

Type	Result	Last
BPS	123 mmHg	4d
BPD	86 mmHg	4d
Pulse	64 /min	4d
RR	16 /min	4d
Temp	98.6 F 55 C	4d

**IMMUNIZATIONS**

INFLUENZA, SEASONAL, INJECTABLE, PRESERVATIVE FREE 7m

TDAP 2y INFLUENZA, UNSPECIFIED FORMULATION 3y

FLU, 3 YRS (HISTORICAL) 3y

Influenza, Split (incl. purified surface antigen) 1 9y

Typhoid, ViCPS 1 10y Anthrax 6 10y

**ALLERGIES**

NO KNOWN ALLERGIES

**NUMERIC LAB RESULTS**

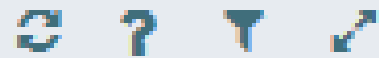
Lab Test	Result	Last
Angiotensin Converting Enzyme, Serum Or Plasma Quantitative	102 U/L	11m
Glomerular Filtration Rate/1.73 Sq M, Predicted, Black, Serum Or Plasma Quantitative Creatinine-Based Formula (MDRD)	65.5 mL/min	11m
Glomerular Filtration Rate/1.73 Sq M, Predicted, Non Black, Serum Or Plasma	56.7 mL/min	11m

eHMP version 1.2.3.64914

Refresh All Data

# VA eHMP – Lab results

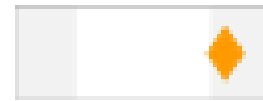
## NUMERIC LAB RESULTS



Angiotensin Converting Enzyme, Serum Or Plasma Quantitative

102 U/L

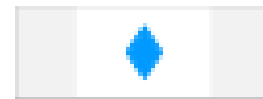
10m



Glomerular Filtration Rate/1.73 Sq M.Predicted.Black, Serum Or Plasma Quantitative Creatinine-Based Formula (MDRD)

65.5 mL/min

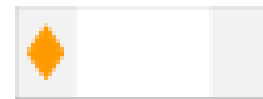
10m



Glomerular Filtration Rate/1.73 Sq M.Predicted.Non Black, Serum Or Plasma Quantitative Creatinine-Based Formula (MDRD)

56.7 mL/min

10m



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✓ DoD













✓ Communities





# VA eHMP - Lab with Reference

– Blue normal, Orange abnormal

NUMERIC LAB RESULTS						
Chloride, Serum Or Plasma Quantitative	100 mmol/L	10m				
Creatinine, Serum Or Plasma Quantitative	1.39 mg/dL	10m				
Potassium, Serum Or Plasma Quantitative	4.6 mmol/L	10m				
Calcium, Ionized, Serum Or Plasma Quantitative	5.1 mg/dL	10m				
GLUCOSE	90 mg/dl	20m				
UREA NITROGEN	16 mg/dl	20m				

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 My Site

 All VA














 DoD







 Communities



# VA eHMP - Lab with Reference

– Blue normal, Orange abnormal

NUMERIC LAB RESULTS							
   Sodium Or Potassium, Serum Or Plasma Quantitative	100 mmol/L	10m					
Creatinine, Serum Or Plasma Quantitative	1.39 mg/dL	10m					
Potassium, Serum Or Plasma Quantitative	4.6 mmol/L	10m					
Calcium, Ionized, Serum Or Plasma Quantitative	5.1 mg/dL	10m					
GLUCOSE	90 mg/dl	20m					
UREA NITROGEN	16 mg/dl	20m					

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# VA eHMP – Detail of Lab S. Creatinine

## Creatinine, Serum or Plasma Quantitative

Date	Lab Test	Flag	Result	Unit	Ref Range	Facility
05/13/2016	Creatinine, Serum or Plasma Quantitative - SERUM	H	1.39	mg/dL	0.7-1.2	DOD

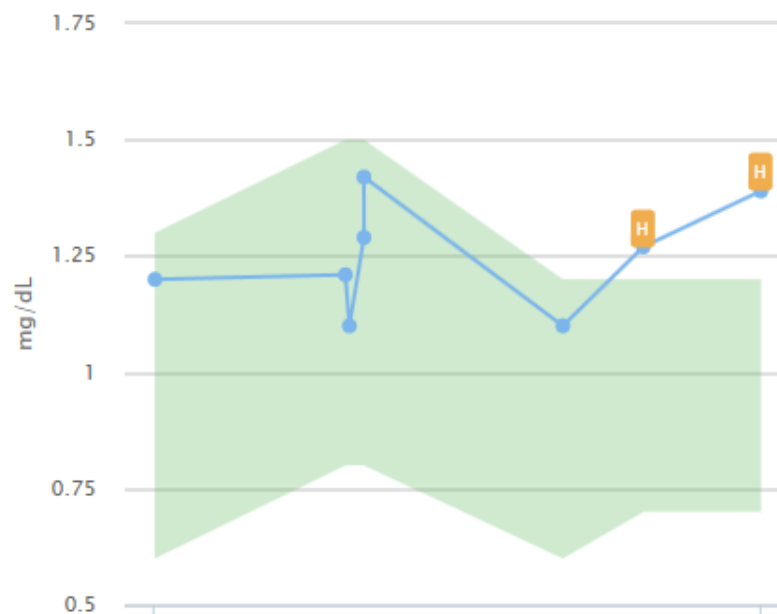
### Viewing All

All 2yr 1yr 3m 1m 7d 72hr 24hr  to

#### CREATININE, SERUM OR PLASMA QUANTITATIVE - SERUM Total Tests: 8

Date	Flag	Result	Facility
05/13/2016 - 11:59	H	1.39 mg/dL	DOD
08/26/2013 - 16:16	H	1.27 mg/dL	DOD
10/18/2011 - 16:58		1.1 mg/dL	DOD
03/19/2007 - 08:35		1.42 mg/dL	DOD
03/19/2007 - 06:58		1.29 mg/dL	DOD
11/16/2006 - 13:52		1.10 mg/dL	DOD
10/13/2006 - 10:52		1.21 mg/dL	DOD
05/23/2002 - 11:07		1.2 mg/dL	DOD

#### CREATININE, SERUM OR PLASMA QUANTITATIVE - SERUM



Close

# VA eHMP – Overview Layout

**Demo, VA Patient**  
 DOB: 00/00/0000 (00y)  
 Gender: Unknown

**Outpatient**  
 SSN: 000-00-0000

**POSTINGS**

C
W
A
D
F

Primary Care: Yellow Four  
 Mental Health: Team Amethyst

11/17/2014 - 11/17/2016

Overview ▾

Search Record

**CLINICAL REMINDERS**

Priority	Title	Type	Due Date
No Records Found			

**ENCOUNTERS**

Encounter	Last	Hx Occurrence
Visits	6d	414
Appointments		145
Admissions	None	0
Procedures	14d	360

**REPORTS**

Date	Type	Author or Verifier
▼ May 2016		
05/13/2016	Radiology	Taylor, Justin Richard
05/06/2016	Laboratory Report	Chauhan, Suman
05/05/2016	Laboratory Report	Paal, Edina E
05/03/2016	Imaging	Mercanti, William A
05/02/2016	Imaging	Mercanti, William A
▼ April 2016		

**PROBLEMS**

Problem	Acuity	Status	Facility
Chronic Low Back Pain	Unknown	Active	WAS
Lumbar Post-Laminectomy Syndrome	Unknown	Active	WAS
LUMBAR SPONDYLOSIS	Chronic	Active	DOD
Chronic Post-Traumatic Stress Disorder	Unknown	Active	WAS
Headache	Unknown	Active	WAS

**ACTIVE & RECENT MEDICATIONS**

Medication	Refills	Status/Fillable
12 HR Bupropion Hydrochloride 100 MG Extended Release Tablet TAKE ONE TABLET BY MOUTH TWICE A DAY	3	Fillable for 4m 28d
Sertraline 100 MG Oral Tablet TAKE TWO TABLETS BY MOUTH AT BEDTIME	3	Fillable for 6m 2m
Loratadine 10 MG Oral Tablet TAKE ONE TABLET BY MOUTH QD	2	Fillable for 5m 2d

**VITALS**

Type	Result	Last
BPS	134 mm[Hg]	15d
BPD	77 mm[Hg]	15d
Pulse	68 /min	15d
RR	18 /min	15d
Temp	96.6 F 35.9 C	15d

**IMMUNIZATIONS**

INFLUENZA, SEASONAL, INJECTABLE, PRESERVATIVE FREE 6m

TDAP 2y

INFLUENZA, UNSPECIFIED FORMULATION 3y

FLU, 3 YRS (HISTORICAL) 3y

Influenza, Split (incl. purified surface antigen) 1 9y

Typhoid, VICPs 1 10y

Anthrax 6 10y

**ALLERGIES**

NO KNOWN ALLERGIES

**NUMERIC LAB RESULTS**

M.Predicted Non Black, Serum Or Plasma Creatinine-ia (MDRD)	56.7 mL/min	4m
Urea Nitrogen, Serum Or Plasma Quantitative	15.1 mg/dL	4m
Sodium, Serum Or Plasma Quantitative	141 mmol/L	4m
Protein, Serum Or Plasma Quantitative	8.0 g/dL	4m
Albumin, Serum Or Plasma Quantitative	4.7 g/dL	4m

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Communities

# VA eHMP – BUN Detail

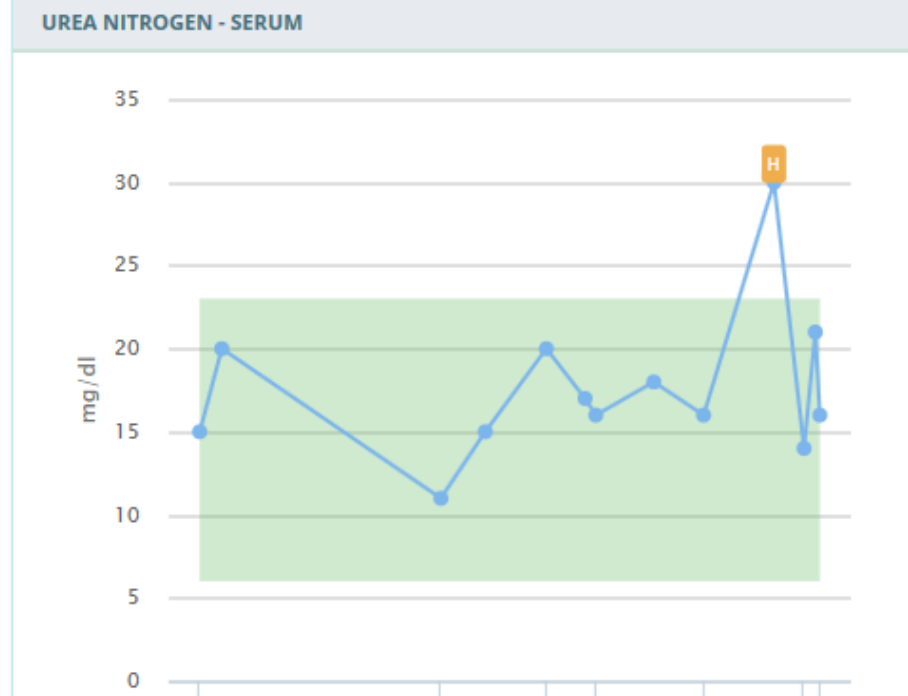
## UREA NITROGEN

Date	Lab Test	Flag	Result	Unit	Ref Range	Facility
05/03/2016	UREA NITROGEN - SERUM		16	mg/dl	6-23	WAS

Viewing All

All 2yr 1yr 3m 1m 7d 72hr 24hr  to

UREA NITROGEN - SERUM		Total Tests: 13	
Date	Flag	Result	Facility
05/03/2016 - 15:20		16 mg/dl	WAS
04/13/2016 - 13:23		21 mg/dl	WAS
02/23/2016 - 11:05		14 mg/dl	WAS
10/13/2015 - 07:59	H	30 mg/dl	WAS
12/05/2014 - 10:46		16 mg/dl	WAS
04/28/2014 - 10:23		18 mg/dl	WAS
08/14/2013 - 15:27		16 mg/dl	WAS
06/27/2013 - 19:36		17 mg/dl	WAS
01/07/2013 - 10:00		20 mg/dl	WAS
04/11/2012 - 11:00		15 mg/dl	WAS
09/27/2011 - 10:24		11 mg/dl	WAS
01/29/2009 - 14:11		20 mg/dl	WAS
10/23/2008 - 12:16		15 mg/dl	WAS



Close



# VA eHMP – BUN Detail

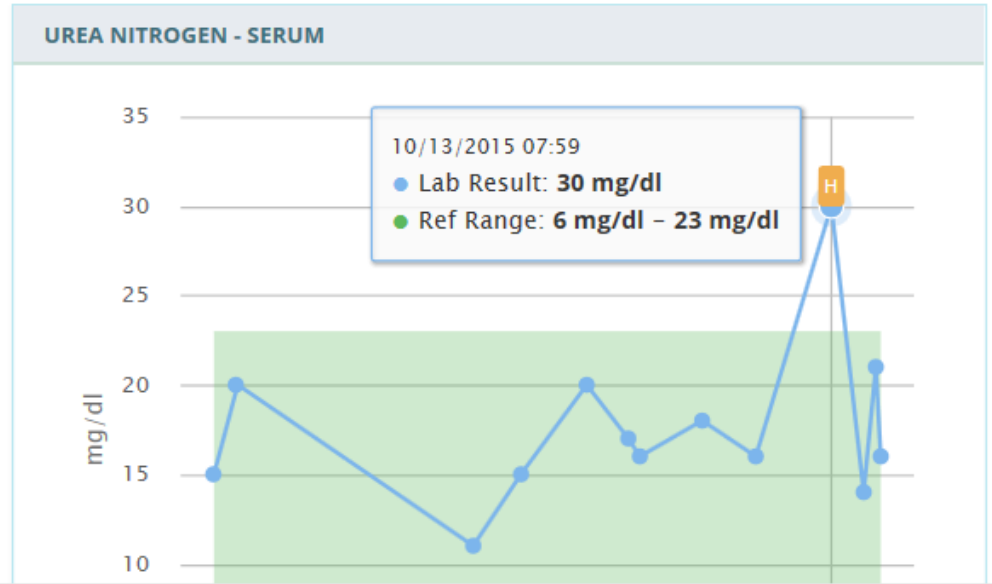
## UREA NITROGEN

Date	Lab Test	Flag	Result	Unit	Ref Range	Facility
05/03/2016	UREA NITROGEN - SERUM		16	mg/dl	6-23	WAS

### Viewing All

All 2yr 1yr 3m 1m 7d 72hr 24hr  to  Apply

UREA NITROGEN - SERUM		Total Tests: 13	
Date	Flag	Result	Facility
05/03/2016 - 15:20		16 mg/dl	WAS
04/13/2016 - 13:23		21 mg/dl	WAS
02/23/2016 - 11:05		14 mg/dl	WAS
10/13/2015 - 07:59	H	30 mg/dl	WAS
12/05/2014 - 10:46		16 mg/dl	WAS
04/28/2014 - 10:23		18 mg/dl	WAS
08/14/2013 - 15:27		16 mg/dl	WAS
06/27/2013 - 19:36		17 mg/dl	WAS
01/07/2013 - 10:00		20 mg/dl	WAS
04/11/2012 - 11:00		15 mg/dl	WAS



Close

# VA eHMP – BUN Detail

## Urea Nitrogen, Serum or Plasma Quantitative



Date	Lab Test	Flag	Result	Unit	Ref Range	Facility
05/13/2016	Urea Nitrogen, Serum or Plasma Quantitative - SERUM		15.1	mg/dL	6-20	DOD

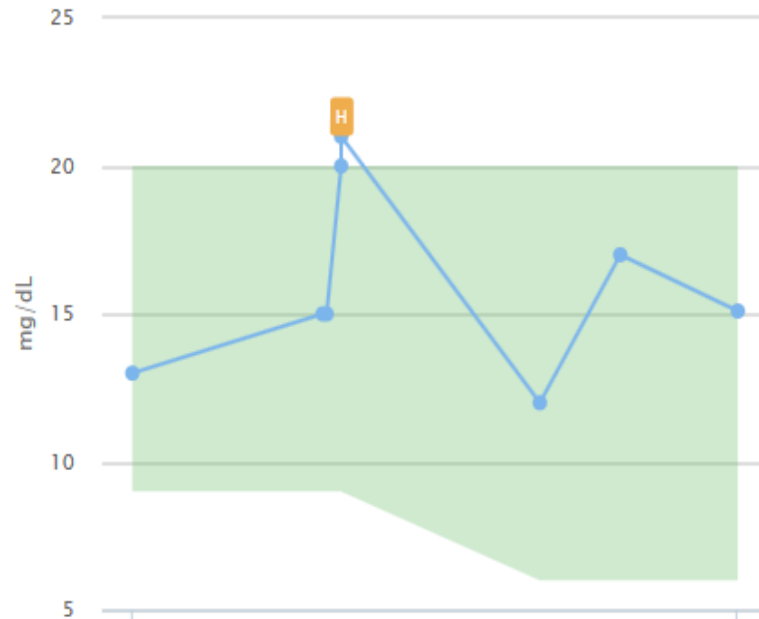
### Viewing All

**All** 2yr 1yr 3m 1m 7d 72hr 24hr  to

#### UREA NITROGEN, SERUM OR PLASMA QUANTITATIVE - SERUM Total Tests: 8

Date	Flag	Result	Facility
05/13/2016 - 11:59		15.1 mg/dL	DOD
08/26/2013 - 16:16		17.0 mg/dL	DOD
10/18/2011 - 16:58		12 mg/dL	DOD
03/19/2007 - 08:35	H	21 mg/dL	DOD
03/19/2007 - 06:58		20 mg/dL	DOD
11/16/2006 - 13:52		15 mg/dL	DOD
10/13/2006 - 10:52		15 mg/dL	DOD
05/23/2002 - 11:07		13 mg/dL	DOD

#### UREA NITROGEN, SERUM OR PLASMA QUANTITATIVE - SERUM



Close

# VA eHMP – Blood Pressure Detail

## Blood Pressure

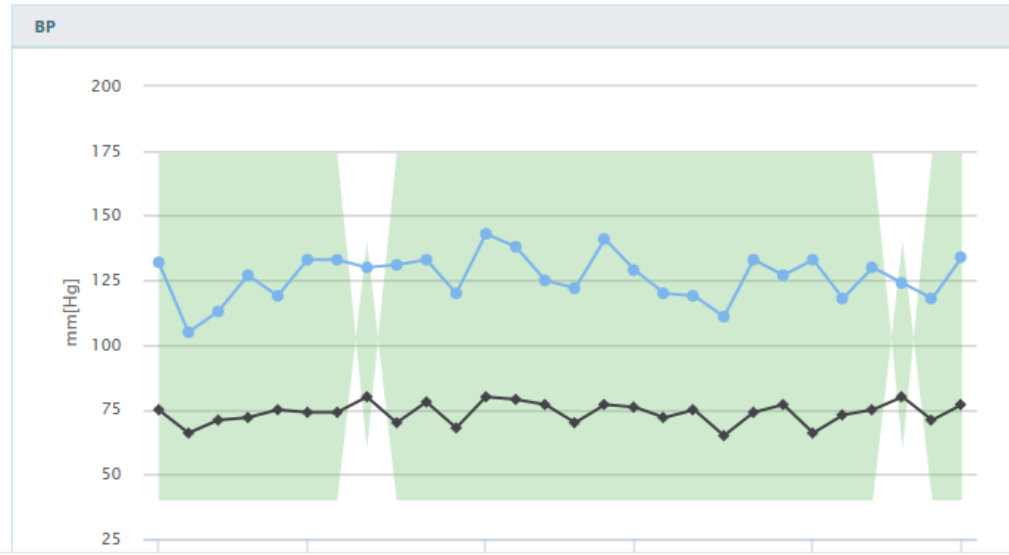
↑ Previous ↓ Next ×

Vital	Result	Date Observed	Facility	Type	Date Entered
BP	134/77 mm[Hg]	05/02/2016 - 07:27	WAS	Blood Pressure	05/02/2016 - 07:27

Viewing 05/18/2014 to 05/18/2016

All **2yr** 1yr 3m 1m 7d 72hr 24hr  to

BP	Vitals Tests: 28	
Date	Result	Facility
05/02/2016	134/77 mm[Hg]	WAS
04/25/2016	118/71 mm[Hg]	WAS
04/14/2016	124/80 mmHg	DOD
04/13/2016	130/75 mm[Hg]	WAS
03/31/2016	118/73 mm[Hg]	WAS
03/24/2016	133/66 mm[Hg]	WAS
02/23/2016	127/77 mm[Hg]	WAS
01/19/2016	133/74 mm[Hg]	WAS
01/04/2016	111/65 mm[Hg]	WAS
11/09/2015	119/75 mm[Hg]	WAS
11/03/2015	120/72 mm[Hg]	WAS
10/27/2015	129/76 mm[Hg]	WAS
10/27/2015	141/77 mm[Hg]	WAS
10/09/2015	122/70 mm[Hg]	WAS



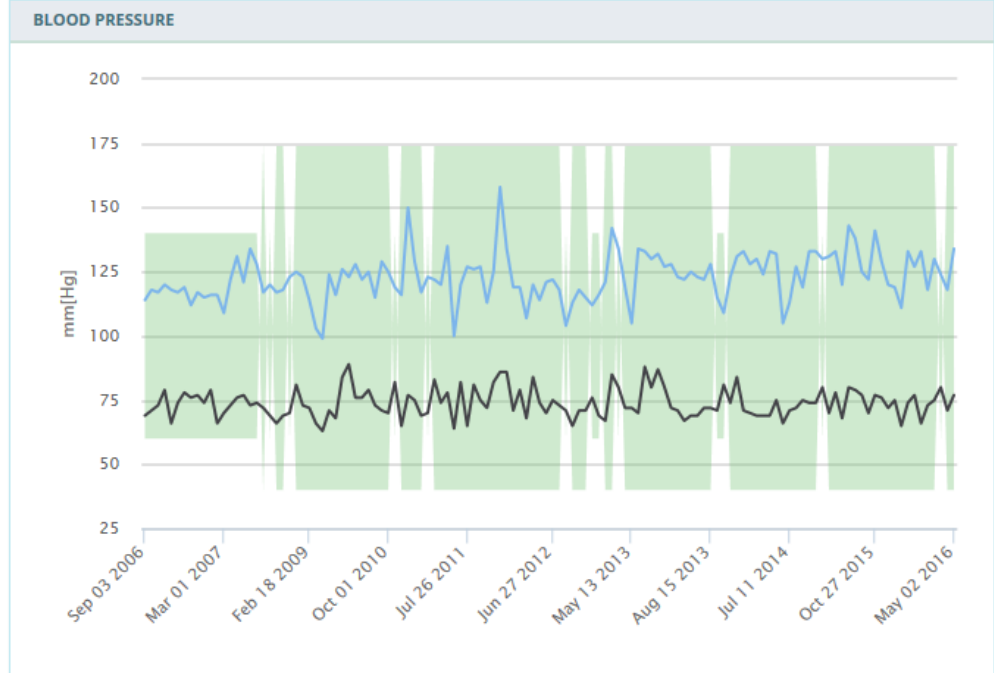
Close

# VA eHMP - Detail of All Blood Pressures

## Blood Pressure

All 2yr 1yr 3m 1m 7d 72hr 24hr  to

BLOOD PRESSURE		Vitals Tests: 124
Date	Result	Facility
05/02/2016	134/77 mm[Hg]	WAS
04/25/2016	118/71 mm[Hg]	WAS
04/14/2016	124/80 mmHg	DOD
04/13/2016	130/75 mm[Hg]	WAS
03/31/2016	118/73 mm[Hg]	WAS
03/24/2016	133/66 mm[Hg]	WAS
02/23/2016	127/77 mm[Hg]	WAS
01/19/2016	133/74 mm[Hg]	WAS
01/04/2016	111/65 mm[Hg]	WAS
11/09/2015	119/75 mm[Hg]	WAS
11/03/2015	120/72 mm[Hg]	WAS
10/27/2015	129/76 mm[Hg]	WAS
10/27/2015	141/77 mm[Hg]	WAS
10/09/2015	122/70 mm[Hg]	WAS
09/22/2015	125/77 mm[Hg]	WAS
09/18/2015	138/79 mm[Hg]	WAS
08/13/2015	143/80 mm[Hg]	WAS
06/25/2015	120/68 mm[Hg]	WAS



# VA eHMP - Detail of Weight

Patient Selection



For Evaluation Only - not an authoritative source for patient information



ROSS

## Weight

↑ Previous

↓ Next



Vital	Result	Date Observed	Facility	Type	Date Entered
WT	212 lb (96.36 kg)	05/02/2016 - 07:27	WAS	Weight	05/02/2016 - 07:27

### Viewing to

All 2yr 1yr 3m 1m 7d 72hr 24hr

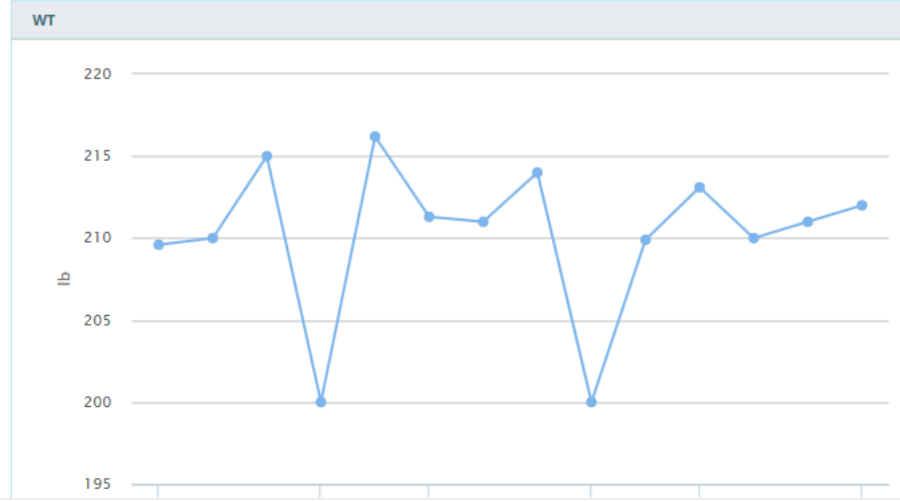


to



Apply

WT	Vitals Tests: 14	
Date	Result	Facility
05/02/2016	212 lb (96.36 kg)	WAS
04/14/2016	211 lb	DOD
03/31/2016	210 lb (95.45 kg)	WAS
02/23/2016	213.1 lb (96.86 kg)	WAS
01/04/2016	209.9 lb (95.41 kg)	WAS
11/03/2015	200 lb (90.91 kg)	WAS
10/09/2015	214 lb (97.27 kg)	WAS
09/22/2015	211 lb (95.91 kg)	WAS
06/25/2015	211.3 lb (96.05 kg)	WAS
01/08/2015	216.2 lb (98.27 kg)	WAS
11/05/2014	200 lb	DOD
09/08/2014	215 lb (97.73 kg)	WAS
07/11/2014	210 lb (95.45 kg)	WAS
06/30/2014	209.6 lb (95.27 kg)	WAS



Close

# VA eHMP – Choices of Layouts

11/17/2014 - 11/17/2016

Documents

hearing

Filter workspace by keyword

- Coversheet
- Timeline
- ☆ Overview
- Meds Review
- Documents
- Depression
- Diabetes Mellitus
- Hypertension
- Pre-Procedure

Date	Description	Type	Facility
<b>▼ May 2016</b>			
05/13/2016	RADIOLOGIC EXAMINATIONChest, PA/Lat	Radiology	DOD
05/11/2016	POLYTRAUMA TELEPHONE NOTE	Progress Note	WASHINGTON
05/11/2016	PULMONARY TELEPHONE NOTE	Progress Note	WASHINGTON
05/06/2016	LR SURGICAL PATHOLOGY REPORT	Laboratory Report	WASHINGTON
05/05/2016	LR CYTOPATHOLOGY REPORT	Laboratory Report	WASHINGTON
05/03/2016	PULMONARY OUTPATIENT PROGRESS NOTE	Progress Note	WASHINGTON
05/03/2016	RADIOLOGIC EXAMINATION, CHEST, 2 VIEWS, FRONTAL AND LATERAL;	Imaging	WASHINGTON
05/02/2016	CYTOPATHOLOGY INTRAPROCEDURAL CONSULTATION NOTE	Progress Note	WASHINGTON
05/02/2016	PACU NURSING DOCUMENTATION	Progress Note	WASHINGTON
05/02/2016	PRIMARY CARE SECURE MESSAGING	Progress Note	WASHINGTON
05/02/2016	POSTANESTHETIC VISIT NOTE	Progress Note	WASHINGTON
05/02/2016	RADIOLOGIC EXAMINATION, CHEST; SINGLE VIEW, FRONTAL	Imaging	WASHINGTON
05/02/2016	PULMONARY PROCEDURE DISCHARGE FORM	Progress Note	WASHINGTON
05/02/2016	PULMONARY PROCEDURES	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE-TIME OUT	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE PRE-PROCEDURE CHECKLIST-OUTPATIENT	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE-PHYSICIAN	Progress Note	WASHINGTON
05/02/2016	Pulmonary-BRIEF	Progress Note	WASHINGTON
05/02/2016	SCAN: ANESTHESIA RECORD	Progress Note	WASHINGTON
<b>▼ April 2016</b>			
04/29/2016	PERI-PROC: SAME DAY SURGERY TREATMENT NOTE	Progress Note	WASHINGTON
04/29/2016	SCAN: AMBULATORY PROCEDURE NOTE	Progress Note	WASHINGTON
04/28/2016	PRIMARY CARE SECURE MESSAGING	Progress Note	WASHINGTON
04/27/2016	MENTAL HEALTH SECURE MESSAGING	Progress Note	WASHINGTON
04/26/2016	NEUROLOGY TELEPHONE CONTACT	Progress Note	WASHINGTON

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# VA eHMP – Radiological Exam Detail

## radiologic examination, chest, 2 views, frontal and lateral; Details

(Case COMPLETE)CHEST 2 VIEWS PA & LAT (RAD Detailed) CPT:71020

Reason for Study: shortness of breath and chest pain s/p  
bronchoscopy

### Clinical History:

Report Status: Verified

Date Reported: MAY 03, 2016

Date Verified: MAY 03, 2016

Verifier E-Sig:/ES/William A Mercanti

### Report:

PA and lateral chest compared to 5/2/16 and in

There is hazy infiltrative process in the left upper lung. No pneumothorax or pleural effusions are present. Cardiomeastinal silhouette and is grossly unremarkable.

### Impression:

Stable exam with hazy left upper lobe infiltrate, remainder of the chest is stable in this was present on a 3/31/16 exam as well.

Primary Diagnostic Code: MINOR ABNORMALITY

### Primary Interpreting Staff:

William A Mercanti, RADIOLOGIST (Verifier)

/WAM

Close

# VA eHMP – Sort by Note Title

11/17/2014 - 11/17/2016 Documents

**DOCUMENTS** Detailed title for document type

Date	Description	Type	Author or Verifier	Facility
<b>▼ CARDIOLOGY ECHO-AS OUTPATIENT Cons</b>				
04/05/2016	CARDIOLOGY ECHO-AS OUTPATIENT Cons	Consult	Rohatgi,Juhi Gupta	WASHINGTON
12/22/2014	CARDIOLOGY ECHO-AS OUTPATIENT Cons	Consult	Katari,Sreelatha M D	WASHINGTON
<b>▼ CAREGIVER PROGRAM ANNUAL IN-HOME ASSESSMENT</b>				
09/18/2015	CAREGIVER PROGRAM ANNUAL IN-HOME ASSESSMENT	Progress Note	Morfaw,Emmerencia C	WASHINGTON
<b>▼ CAREGIVER PROGRAM SUPPORT NOTE</b>				
09/10/2015	CAREGIVER PROGRAM SUPPORT NOTE	Progress Note	Buitron,Matthew M	WASHINGTON
08/20/2015	CAREGIVER PROGRAM SUPPORT NOTE	Progress Note	Buitron,Matthew M	WASHINGTON
04/30/2015	CAREGIVER PROGRAM SUPPORT NOTE	Progress Note	Buitron,Matthew M	WASHINGTON
<b>▼ COMPUTED TOMOGRAPHY, LUMBAR SPINE; WITHOUT CONTRAST MATERIAL</b>				
05/26/2015	COMPUTED TOMOGRAPHY, LUMBAR SPINE; WITHOUT CONTRAST MATERIAL	Imaging	Vaidya,Neel K	WASHINGTON
<b>▼ COMPUTED TOMOGRAPHY, THORAX; WITHOUT CONTRAST MATERIAL</b>				
03/31/2016	COMPUTED TOMOGRAPHY, THORAX; WITHOUT CONTRAST MATERIAL	Imaging	Vaidya,Neel K	WASHINGTON
<b>▼ CONSENT,GENERAL</b>				
11/03/2015	CONSENT,GENERAL	Progress Note	Zhao,Zirong	WASHINGTON
10/09/2015	CONSENT,GENERAL	Progress Note	Zhao,Zirong	WASHINGTON
09/22/2015	CONSENT,GENERAL	Progress Note	Zhao,Zirong	WASHINGTON
09/22/2015	CONSENT,GENERAL	Progress Note	Zhao,Zirong	WASHINGTON
<b>▼ CONSENT: I.V. CONTRAST ADMINISTRATION</b>				
12/07/2014	CONSENT: I.V. CONTRAST ADMINISTRATION	Progress Note	Spencer,Sheldon H	WASHINGTON
<b>▼ CYTOPATHOLOGY INTRAPROCEDURAL CONSULTATION NOTE</b>				
05/02/2016	CYTOPATHOLOGY INTRAPROCEDURAL CONSULTATION NOTE	Progress Note	Paal,Edina E	WASHINGTON
<b>▼ DENTAL EXAMINATION, FOCUSED</b>				
08/24/2015	DENTAL EXAMINATION, FOCUSED	Progress Note	Huynh,Anh Duc	WASHINGTON
<b>▼ DENTAL HYGIENE</b>				

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# VA-eHMP – Documents Sorted by Author

**Demo, VA Patient**  
 DOB: 00/00/0000 (00y)    SSN: 000-00-0000  
 Gender: Unknown

**Outpatient**

POSTINGS  
C W A D F

Primary Care: Yellow Four  
 Mental Health: Team Amethyst

11/17/2014 - 11/17/2016

Documents ▾

Search Record

DOCUMENTS <span style="float: right;">↻ ? ⌵ ×</span>					
11/17/2014	VA, Patient DOB: 00/00/0000 (00y) Gender: Unknown	Outpatient SSN: 000-00-0000	Progress Note	Moore,Elsie M	WASHINGTON
<b>▼ Morfaw,Em</b>					
09/18/2015	CAREGIVER PROGRAM ANNUAL IN-HOME ASSESSMENT		Progress Note	Morfaw,Emmerencia C	WASHINGTON
<b>▼ Most,Sara</b>					
10/22/2015	INFLUENZA IMMUNIZATION NOTE		Progress Note	Most,Sara	WASHINGTON
<b>▼ Nawrocki, Allen Abel</b>					
03/31/2016	RADIOLOGIC EXAMINATIONL-Spine, Flex/Ext (Only)		Radiology	Nawrocki, Allen Abel	DOD
09/03/2015	RADIOLOGIC EXAMINATIONMRI, L-Spine (W/Wo Contrast)		Radiology	Nawrocki, Allen Abel	DOD
<b>▼ Njje,Lamin P</b>					
08/13/2015	EMERGENCY DEPARTMENT 10-10M INTAKE NOTE		Progress Note	Njje,Lamin P	WASHINGTON
<b>▼ None</b>					
04/21/2016	PULMONARY FUNCTION TEST		Procedure	None	WASHINGTON
04/21/2016	ECHO		Procedure	None	WASHINGTON
04/13/2016	ELECTROCARDIOGRAM		Procedure	None	WASHINGTON
09/03/2015	DOD ED Discharge Sheet		TRANSFER SUMMARIZATION NOTE	None	DOD*
09/03/2015	DOD ED Discharge Sheet		TRANSFER SUMMARIZATION NOTE	None	DOD*
09/03/2015	DOD ED Medical Record		HISTORY AND PHYSICAL NOTE	None	DOD*
01/09/2015	ECHO		Procedure	None	WASHINGTON
<b>▼ Oh,Samuel J</b>					
10/28/2015	PAIN SCHOOL NOTE		Progress Note	Oh,Samuel J	WASHINGTON
<b>▼ OMOIKE, OYAKHILOMEN A</b>					
09/09/2015	Progress Note		Progress Note	OMOIKE, OYAKHILOMEN A	DOD*
<b>▼ Outlaw Jr,Abram</b>					
01/26/2015	DENTAL HYGIENE		Progress Note	Outlaw Jr,Abram	WASHINGTON
<b>▼ Paal,Edina E</b>					
05/05/2016	LR CYTOPATHOLOGY REPORT		Laboratory Report	Paal,Edina E	WASHINGTON
05/02/2016	CYTOPATHOLOGY INTRAPROCEDURAL CONSULTATION NOTE		Progress Note	Paal,Edina E	WASHINGTON

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# VA eHMP – Choices of Layouts

11/17/2014 - 11/17/2016

Documents

hearing

Filter workspace by keyword

- Coversheet
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- Diabetes Mellitus
- Hypertension
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05/11/2016	PULMONARY TELEPHONE NOTE	Progress Note	WASHINGTON
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05/05/2016	LR CYTOPATHOLOGY REPORT	Laboratory Report	WASHINGTON
05/03/2016	PULMONARY OUTPATIENT PROGRESS NOTE	Progress Note	WASHINGTON
05/03/2016	RADIOLOGIC EXAMINATION, CHEST, 2 VIEWS, FRONTAL AND LATERAL;	Imaging	WASHINGTON
05/02/2016	CYTOPATHOLOGY INTRAPROCEDURAL CONSULTATION NOTE	Progress Note	WASHINGTON
05/02/2016	PACU NURSING DOCUMENTATION	Progress Note	WASHINGTON
05/02/2016	PRIMARY CARE SECURE MESSAGING	Progress Note	WASHINGTON
05/02/2016	POSTANESTHETIC VISIT NOTE	Progress Note	WASHINGTON
05/02/2016	RADIOLOGIC EXAMINATION, CHEST; SINGLE VIEW, FRONTAL	Imaging	WASHINGTON
05/02/2016	PULMONARY PROCEDURE DISCHARGE FORM	Progress Note	WASHINGTON
05/02/2016	PULMONARY PROCEDURES	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE-TIME OUT	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE PRE-PROCEDURE CHECKLIST-OUTPATIENT	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE-PHYSICIAN	Progress Note	WASHINGTON
05/02/2016	Pulmonary-BRIEF	Progress Note	WASHINGTON
05/02/2016	SCAN: ANESTHESIA RECORD	Progress Note	WASHINGTON
<b>▼ April 2016</b>			
04/29/2016	PERI-PROC: SAME DAY SURGERY TREATMENT NOTE	Progress Note	WASHINGTON
04/29/2016	SCAN: AMBULATORY PROCEDURE NOTE	Progress Note	WASHINGTON
04/28/2016	PRIMARY CARE SECURE MESSAGING	Progress Note	WASHINGTON
04/27/2016	MENTAL HEALTH SECURE MESSAGING	Progress Note	WASHINGTON
04/26/2016	NEUROLOGY TELEPHONE CONTACT	Progress Note	WASHINGTON

eHMP version 1.2.3.64914

Refresh All Data My Site All VA DoD Communities

# VA eHMP – Coversheet Layout

**Demo, VA Patient**  
 DOB: 00/00/0000 (00y)  
 Gender: Unknown

**Outpatient**

SSN: 000-00-0000

**POSTINGS**

C W A D F

Primary Care: Yellow Four  
 Mental Health: Team Amethyst

All

Coversheet

Search Record

**PROBLEMS**

Description	Acuity	Status
Spondylosis, Lumbar	Unknown	Active
Displacement of thoracic intervertebral disc without myelopathy	Unknown	Active
Follow-Up examination following Surgery, unspecified	Unknown	Active
Visual field defect	Unknown	Active
Lumbar post-laminectomy syndrome	Unknown	Active

**VITALS**

BP	109/67 mmHg	05/13/2016	PO2	100 % saturation	05/13/2016
P	74 /min	05/13/2016	PN	4/10 Adult	05/13/2016
R	18 /min	05/13/2016	WT	200 lb	05/13/2016
T	97.5 F	05/13/2016	BMI	28.7	05/13/2016

**ALLERGIES**

NO KNOWN ALLERGIES

**APPOINTMENTS & VISITS**

Date	Description	Location	Status
05/20/2016 - 12:24	DoD Appointment	Pulmonary Disease Clinic Bethesda	KEP
05/20/2016 - 10:30	DoD Appointment	Pulmonary Disease Clinic Bethesda	KEP
05/19/2016 - 15:00	Visit	DC/PSYCH JENTGEN	NO ACTI TAKI
05/19/2016	Visit	DC/PSYCH JENTGEN	

**NUMERIC LAB RESULTS**

Date	Lab Test	Flag	Result
05/13/2016 - 11:59	Angiotensin Converting Enzyme, Serum or Plasma Quantitative - SERUM	H	102 U/L
05/13/2016 - 11:59	Glomerular Filtration Rate/1.73 Sq M.Predicted.Black, Serum or Plasma Quantitative Creatinine-based formula (MDRD) - CREATIN		65.5 mL/min

**COMMUNITY HEALTH SUMMARIES**

No Records Found

**IMMUNIZATIONS**

Vaccine Name	Reaction	Date	Facility
INFLUENZA, SEASONAL, INJECTABLE, PRESERVATIVE FREE		10/22/2015	WASHINGTON
INFLUENZA, SEASONAL, INJECTABLE, PRESERVATIVE FREE		10/22/2015	WASHINGTON
TDAP	NONE	06/17/2013	WASHINGTON

**ACTIVE & RECENT MEDICATIONS**

Medication	Facility
BUPROPION HCL 100MG 12HR TAB,SA (ACTIVE) TAKE ONE TABLET BY MOUTH TWICE A DAY	WAS
SERTRALINE HCL 100MG TAB (ACTIVE) TAKE TWO TABLETS BY MOUTH AT BEDTIME	WAS
LORATADINE 10MG TAB (ACTIVE) TAKE ONE TABLET BY MOUTH QD	WAS
FLUTICASONE PROPIONATE 50MCG/SPRAY SOLN,NASAL,16GM (ACTIVE) INSTILL 2 SPRAYS EACH	WAS

**ORDERS**

Order Type: All

Order Date	Status	Order	Facility
09/08/2006		45 yo OIF male with hx of "inj ury to left optic nerve" which happened Mar 2005 From IE D. Evaluated by Ophthalmolo gy at Womack AMC in Fort br agg. Needs follow up...	DOD
09/08/2006		45 yo OIF male with hx of "inj ury to left optic nerve" which happened Mar 2005 From IE D. Evaluated by Ophthalmolo gy at Womack AMC in Fort br agg. Needs follow up...	DOD

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Refresh All Data My Site All VA DoD Communities

# VA eHMP – Search by “hearing”

VA, Patient  
DOB: 00/00/0000 (00y)  
Gender: Unknown

Outpatient  
SSN: 000-00-0000

POSTINGS  
C W A D F

Primary Care: Yellow Four  
Mental Health: Team Amethyst

Search Record ▾ hearing

106 results All 2yr 1yr 3m 1m 7d 72hr 24hr to Apply

1	<b>NURSING RN ADMISSION ASSESSMENT</b> 06/28/2013 - 04:25	Progress Note ... Sensorineural hearing loss, asymmetrical (Icd-9-cm 389.16 ... ... -tobacco user. HEENT: Vision: glasses Hearing ...	WASHINGTON
1	<b>PAIN PROCEDURE CLINIC FOLLOW-UP NOTE</b> 04/25/2013 - 12:03	Progress Note ... Sensorineural hearing loss, asymmetrical (Icd-9-cm 389.16 ...	WASHINGTON
> 7	<b>PCC - ESTABLISHED - PROBLEM FOCUSED</b>		
> 2	<b>PERI-PROC: RN ASSESSMENT NOTE</b>		
1	<b>POLYTRAUMA REHAB MEDICINE NOTE</b> 08/17/2015 - 08:00	Progress Note ... hearing loss, asymmetrical (Icd-9-cm 389.16 ...	WASHINGTON
1	<b>POLYTRAUMA RT COMMUNITY REINTEGRATION</b> 02/12/2015 - 16:06	Progress Note ... was interested in hearing about another Veteran's ...	WASHINGTON
> 8	<b>POLYTRAUMA SPEECH MONTHLY PROGRESS NOTE</b>		
> 2	<b>POLYTRAUMA SPEECH NOTE</b>		
> 2	<b>POLYTRAUMA TELEPHONE NOTE</b>		
1	<b>PREANESTHETIC SUMMARY</b> 04/21/2016 - 10:19	Progress Note ... hearing loss, asymmetrical (Icd-9-cm 389.16 ... ... concussion syndrome; hearing problem GI/HEPATIC ...	WASHINGTON
> 2	<b>PRIMARY CARE NURSING TRIAGE NOTE</b>		

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# VA eHMP – Choices of Layouts

11/17/2014 - 11/17/2016

Documents

hearing

Filter workspace by keyword

- Coversheet
- Timeline
- ☆ Overview
- Meds Review
- Documents
- Depression
- Diabetes Mellitus
- Hypertension
- Pre-Procedure

Date	Description	Type	Facility
<b>▼ May 2016</b>			
05/13/2016	RADIOLOGIC EXAMINATIONChest, PA/Lat	Radiology	DOD
05/11/2016	POLYTRAUMA TELEPHONE NOTE	Progress Note	WASHINGTON
05/11/2016	PULMONARY TELEPHONE NOTE	Progress Note	WASHINGTON
05/06/2016	LR SURGICAL PATHOLOGY REPORT	Laboratory Report	WASHINGTON
05/05/2016	LR CYTOPATHOLOGY REPORT	Laboratory Report	WASHINGTON
05/03/2016	PULMONARY OUTPATIENT PROGRESS NOTE	Progress Note	WASHINGTON
05/03/2016	RADIOLOGIC EXAMINATION, CHEST, 2 VIEWS, FRONTAL AND LATERAL;	Imaging	WASHINGTON
05/02/2016	CYTOPATHOLOGY INTRAPROCEDURAL CONSULTATION NOTE	Progress Note	WASHINGTON
05/02/2016	PACU NURSING DOCUMENTATION	Progress Note	WASHINGTON
05/02/2016	PRIMARY CARE SECURE MESSAGING	Progress Note	WASHINGTON
05/02/2016	POSTANESTHETIC VISIT NOTE	Progress Note	WASHINGTON
05/02/2016	RADIOLOGIC EXAMINATION, CHEST; SINGLE VIEW, FRONTAL	Imaging	WASHINGTON
05/02/2016	PULMONARY PROCEDURE DISCHARGE FORM	Progress Note	WASHINGTON
05/02/2016	PULMONARY PROCEDURES	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE-TIME OUT	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE PRE-PROCEDURE CHECKLIST-OUTPATIENT	Progress Note	WASHINGTON
05/02/2016	UNIVERSAL PROTOCOL NOTE-PHYSICIAN	Progress Note	WASHINGTON
05/02/2016	Pulmonary-BRIEF	Progress Note	WASHINGTON
05/02/2016	SCAN: ANESTHESIA RECORD	Progress Note	WASHINGTON
<b>▼ April 2016</b>			
04/29/2016	PERI-PROC: SAME DAY SURGERY TREATMENT NOTE	Progress Note	WASHINGTON
04/29/2016	SCAN: AMBULATORY PROCEDURE NOTE	Progress Note	WASHINGTON
04/28/2016	PRIMARY CARE SECURE MESSAGING	Progress Note	WASHINGTON
04/27/2016	MENTAL HEALTH SECURE MESSAGING	Progress Note	WASHINGTON
04/26/2016	NEUROLOGY TELEPHONE CONTACT	Progress Note	WASHINGTON

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Refresh All Data My Site All VA DoD Communities

# VA eHMP – Coversheet

**Demo, VA Patient**  
 DOB: 00/00/0000 (00y)  
 Gender: Unknown

**Outpatient**

**POSTINGS**

C W A D F

Primary Care: Yellow Four  
 Mental Health: Team Amethyst

11/24/2014 - 11/24/2016

Coversheet

Search Record

**PROBLEMS**

Description	Acuity	Status
Spondylosis, Lumbar	Unknown	Active
Displacement of thoracic intervertebral disc without myelopathy	Unknown	Active
Follow-Up examination following Surgery, unspecified	Unknown	Active
Visual field defect	Unknown	Active
Lumbar post-laminectomy syndrome	Unknown	Active

**VITALS**

BP 123/86 mmHg	05/20/2016	PO2 98 % saturation	05/20/2016
P 64 /min	05/20/2016	PN 7/10 Adult	05/20/2016
R 16 /min	05/20/2016	WT 201.6 lb	05/20/2016
T 98.6 F	05/20/2016	BMI 28.9	05/20/2016

**ALLERGIES**

NO KNOWN ALLERGIES

**APPOINTMENTS & VISITS**

Date	Description	Location	Status
08/10/2016 - 14:30	Visit	DC/PSYCH JENTGEN	FUT
06/10/2016 - 10:30	Visit	DC/DEN GPRS KIMBERLY DENTON	FUT
06/02/2016 - 11:30	Visit	DC/POLYTRAUMA-RECREATION	FUT
05/20/2016 - 12:24	DoD Appointment	Pulmonary Disease Clinic Bethesda	KEP

**NUMERIC LAB RESULTS**

Date	Lab Test	Flag	Result
05/13/2016 - 11:59	Angiotensin Converting Enzyme, Serum or Plasma Quantitative - SERUM	H	102 U/L
05/13/2016 - 11:59	Glomerular Filtration Rate/1.73 Sq M.Predicted.Black, Serum or Plasma Quantitative Creatinine-based formula		65.5 mL/min

**COMMUNITY HEALTH SUMMARIES**

No Records Found

**IMMUNIZATIONS**

Vaccine Name	Reaction	Date	Facility
INFLUENZA, SEASONAL, INJECTABLE, PRESERVATIVE FREE		10/22/2015	WASHINGTON
INFLUENZA, SEASONAL, INJECTABLE, PRESERVATIVE FREE		10/22/2015	WASHINGTON
TDAP	NONE	06/17/2013	WASHINGTON

**ACTIVE & RECENT MEDICATIONS**

Medication	Facility
BUPROPION HCL 100MG 12HR TAB,SA (ACTIVE) TAKE ONE TABLET BY MOUTH TWICE A DAY	WAS
SERTRALINE HCL 100MG TAB (ACTIVE) TAKE TWO TABLETS BY MOUTH AT BEDTIME	WAS
LORATADINE 10MG TAB (ACTIVE) TAKE ONE TABLET BY MOUTH QD	WAS
FLUTICASONE PROPIONATE 50MCG/SPRAY SOLN,NASAL,16GM (ACTIVE) INSTILL 2 SPRAYS EACH	WAS

**ORDERS**

Order Type: All

Order Date	Status	Order	Facility
09/08/2006		45 yo OIF male with hx of "injury to left optic nerve" which happened Mar 2005 From IE D. Evaluated by Ophthalmology at Womack AMC in Fort Bragg. Needs follow up...	DOD

eHMP version 1.2.3.64914

Refresh All Data My Site All VA DoD Communities

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# VA eHMP - Coversheet Layout

Coversheet Layout <span style="float: right;">×</span>		
<b>Problems Summary</b>	<b>Vitals Summary</b>	<b>Allergies Trend</b>
<b>Appointments &amp; Visits Summary</b>	<b>Numeric Lab Results Summary</b>	<b>Community Health Summaries Summary</b>
<b>Immunizations Summary</b>	<b>Active &amp; Recent Medications Summary</b>	<b>Orders Summary</b>

# VA eHMP – Choices of Layouts

Primary Care: Yellow Four  
Mental Health: Team Amethyst

D F

Coversheet

Search Record

(Filter workspace by keyword)

- Coversheet
- Timeline
- Overview
- Meds Review
- ★ Documents
- Depression
- Diabetes Mellitus
- Hypertension
- Pre-Procedure
- User Defined Workspace 1

VITALS

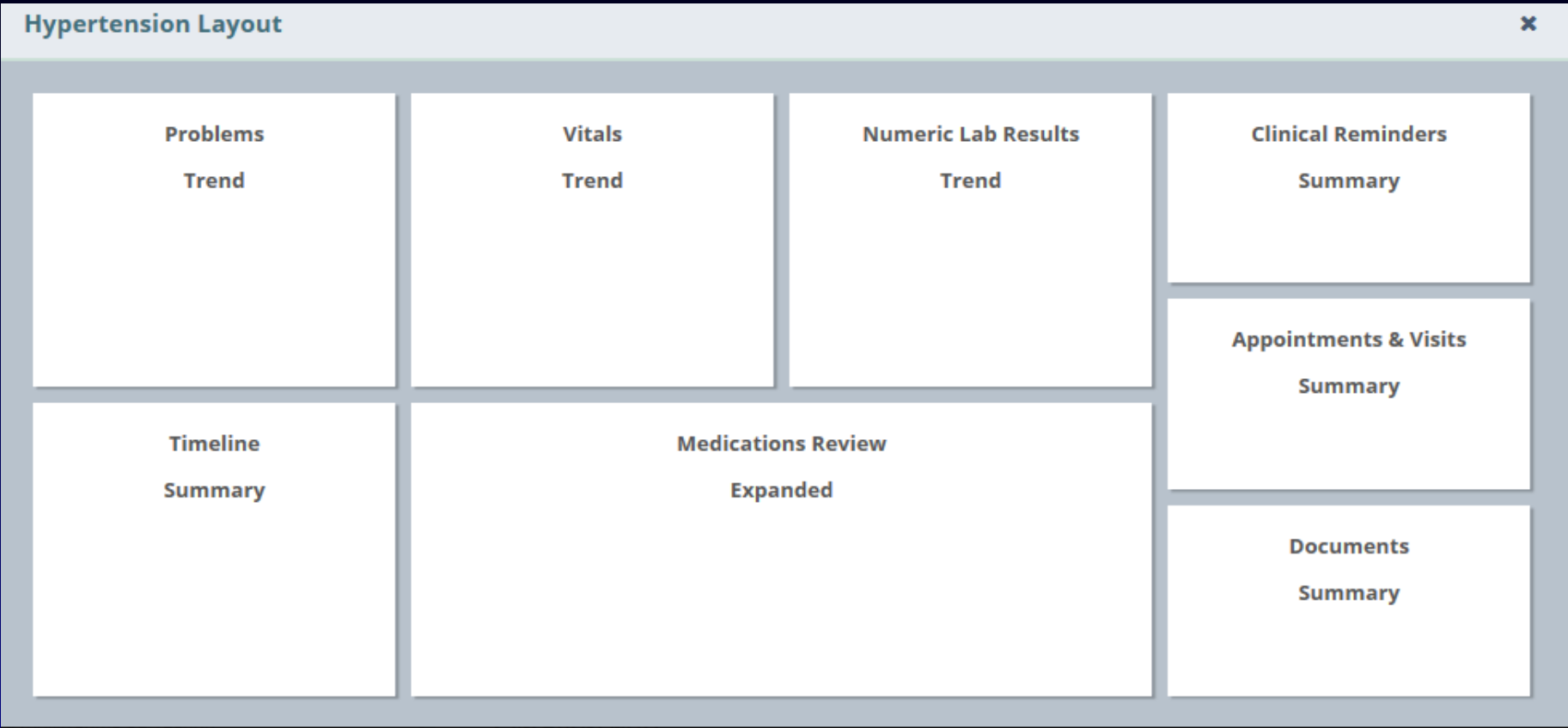
BP	123/86 mmHg	05/20/2016	PO2	98 %
P	64 /min	05/20/2016		saturation
R	16 /min	05/20/2016	PN	7/10 Adult
T	98.6 F	05/20/2016	WT	201.6 lb
			BMI	28.9

NUMERIC LAB RESULTS

Date	Lab Test	Flag
05/13/2016 - 11:59	Angiotensin Converting Enzyme, Serum or Plasma Quantitative - SERUM	H
05/13/2016 - 11:59	Glomerular Filtration Rate/1.73 Sq M.Predicted.Black, Serum or Plasma Quantitative Creatinine-based formula	65.5 mL/min

Authoring Institution

# VA eHMP – Hypertension Layout



# VA eHMP – Hypertension Layout

**Demo, VA Patient**  
DOB: 00/00/0000 (00y) SSN: 000-00-0000  
Gender: Unknown

**Outpatient**

POSTINGS  
C W A D F

Primary Care: Yellow Four  
Mental Health: Team Amethyst

Hypertension

11/24/2014 - 11/24/2016

### PROBLEMS

Problem	Acuity	Status	Facility
Chronic Low Back Pain	Unknown	Active	WAS
Lumbar Post-Laminectomy Syndrome	Unknown	Active	WAS
LUMBAR SPONDYLOSIS	Chronic	Active	DOD
Chronic Post-Traumatic Stress Disorder	Unknown	Active	WAS
Headache	Unknown	Active	WAS
Depressive Disorder	Unknown	Active	WAS
Sleep Apnea	Unknown	Active	WAS
Postconcussion Syndrome (Disorder)	Unknown	Active	WAS
Lumbar Radiculopathy	Unknown	Active	WAS
Insomnia (Disorder)	Chronic	Active	DOD
Postoperative Follow-Up Visit (Procedure)	Chronic	Active	DOD
Dyspnea (Finding)	Acute	Inactive	DOD
Abnormal Gait (Finding)	Chronic	Active	DOD

### VITALS

Type	Result	Last
BPS	123 mmHg	4d
BPD	86 mmHg	4d
Pulse	64 /min	4d
RR	16 /min	4d
Temp	98.6 F 55 C	4d
SpO <sub>2</sub>	98 % saturation	4d
Pain	7/10	4d
Wt	201.6 lb 91 kg	4d
Ht	70 in 178 cm	4d
BMI	28.9	4d

### NUMERIC LAB RESULTS

Lab Test	Result	Last
Angiotensin Converting Enzyme, Serum Or Plasma Quantitative	102 U/L	11m
Glomerular Filtration Rate/1.73 Sq M Predicted-Black, Serum Or Plasma Quantitative Creatinine-Based Formula (MDRD)	65.5 mL/min	11m
Glomerular Filtration Rate/1.73 Sq M Predicted-Non Black, Serum Or Plasma Quantitative Creatinine-Based Formula (MDRD)	56.7 mL/min	11m
1,25-Dihydroxyvitamin D, Serum Or Plasma Quantitative	62.6 pg/mL	11m
Urea Nitrogen, Serum Or Plasma Quantitative	15.1 mg/dL	11m
Sodium, Serum Or Plasma Quantitative	141 mmol/L	11m
Protein, Serum Or Plasma Quantitative	8.0 g/dL	11m
Albumin, Serum Or Plasma Quantitative	4.7 g/dL	11m
Alkaline Phosphatase, Serum Or Plasma Quantitative	70 U/L	11m
Aspartate Aminotransferase, Serum Or Plasma Quantitative	26 U/L	11m

### CLINICAL REMINDERS

No Records Found

### TIMELINE

Date & Time	Activity	Type
<b>August 2016</b>		
08/10/2016 - 14:30	To be seen in MENTAL HEALTH CLINIC - IND Dc/psych Jenigen	Appointment
<b>June 2016</b>		
06/10/2016 - 10:30	To be seen in DENTAL Dc/den GPRS Kimberly Denton	Appointment
06/02/2016 - 11:30	To be seen in POLYTRAUMA/TBI GRP Dc/polytrauma-Recreation	Appointment
<b>May 2016</b>		
05/20/2016 - 12:24	Visit PROC	DoD Appointment
05/20/2016 - 10:30	Visit SPEC	DoD Appointment
05/19/2016 - 15:00	Seen in MENTAL HEALTH CLINIC - IND Dc/psych Jenigen	Visit
05/19/2016 - 15:00	Seen in MENTAL HEALTH CLINIC - IND Dc/psych Jenigen	Appointment
05/19/2016 - 14:44	Seen in TELEPHONE POLYTRAUMA/TBI Dc/polytrauma Telephone-X	Visit

### MEDICATIONS REVIEW

**OUTPATIENT MEDS**

No Records Found

**CLINIC ORDER MEDS**

**INPATIENT MEDS**

### APPOINTMENTS & VISITS

Date	Description	Location	Status
05/20/2016 - 10:39	DoD Encounter	Pulmonary Disease Clinic Bethesda	
05/19/2016 - 15:00	Visit	DC/PSYCH JENTGEN	
05/19/2016 - 14:44	Visit	DC/POLYTRAUMA TELEPHONE X	
05/18/2016 - 07:28	Visit	DC/POLYTRAUMA-HEALTH SCREENING	
05/13/2016 - 10:40	DoD Appointment	Int Med Medical Home L CI Be	KEPT
05/13/2016 - 10:29	DoD Encounter	Int Med Medical Home L CI Be	
05/13/2016	DoD	Int Med Medical Home CI C Be	CANCE

### DOCUMENTS

Date	Type	Author or Verifier
<b>May 2016</b>		
05/24/2016	Progress Note	Rohatgi, Juhi Gupta
05/24/2016	Consultation Report	None
05/20/2016	Progress Note	LAZARUS, ANGELINE A
05/19/2016	Progress Note	Jenigen, Catherine D
05/19/2016	Progress Note	Gordon, Sheree
05/19/2016	Progress Note	Jenigen, Catherine D
05/18/2016	Progress Note	Gordon, Sheree
05/13/2016	Progress Note	COLLINS, JANNETTE R
05/13/2016	Radiology	Taylor, Justin Richard
05/11/2016	Progress Note	Lisle, Lucile A

eHMP version 1.2.3.64914

Refresh All Data

My Site All VA DoD Communities



# VA eHMP – User Defined Layout

**Demo, VA Patient**  
 DOB: 00/00/0000 (00y)  
 Gender: Unknown

**Outpatient**

POSTINGS

C
W
A
D
F

Primary Care: Yellow Four  
 Mental Health: Team Amethyst

11/24/2014 - 11/24/2016

User Defined Workspace 1

+

Search Record

**ACTIVE & RECENT MEDICATIONS**

Medication	Facility
BUPROPION HCL 100MG 12HR TAB,SA (ACTIVE) TAKE ONE TABLET BY MOUTH TWICE A DAY	WAS
SERTRALINE HCL 100MG TAB (ACTIVE) TAKE TWO TABLETS BY MOUTH AT BEDTIME	WAS
LORATADINE 10MG TAB (ACTIVE) TAKE ONE TABLET BY MOUTH QD	WAS
FLUTICASON E PROPIONATE 50MCG/SPRAY SOLN,NASAL,16GM (ACTIVE) INSTILL 2 SPRAYS EACH NOSTRIL QD	WAS
NAPROXEN 500MG TAB (ACTIVE) TAKE ONE TABLET BY MOUTH BID WM	WAS
PREGABALIN 150MG CAP,ORAL (ACTIVE) TAKE 1 CAPSULE BY MOUTH TWICE A DAY	WAS
TOPIRAMATE 25MG TAB (ACTIVE) TAKE TWO TABLETS BY MOUTH TWICE A DAY FOR SEIZURES	WAS

**VITALS**

05/13/2016 - 14:29	Pulse Oximetry	100 % saturation	DOD
05/13/2016 - 14:29	Blood Pressure	109/67 mmHg	DOD
05/13/2016 - 14:29	Weight	200 lb (91 kg)	DOD
05/13/2016 - 14:29	Pulse	74 /min	DOD
05/13/2016 - 14:29	Respiration	18 /min	DOD
05/13/2016 - 14:29	Temperature	97.5 F (34 C)	DOD
05/13/2016 - 14:29	BMI	28.7	DOD
05/02/2016 - 07:27	Temperature	96.6 F (35.9 C)	WASHINGTON
05/02/2016 - 07:27	Pulse	68 /min	WASHINGTON
05/02/2016 - 07:27	Respiration	18 /min	WASHINGTON
05/02/2016 - 07:27	Blood Pressure	134/77 mm[Hg]	WASHINGTON
05/02/2016 - 07:27	Pain	0	WASHINGTON
05/02/2016 - 07:27	Height	70 in (177.80 cm)	WASHINGTON
05/02/2016 - 07:27	Weight	212 lb (96.36 kg)	WASHINGTON
05/02/2016 - 07:27	Pulse Oximetry	98 %	WASHINGTON
05/02/2016 - 07:27	BMI	30.4	WASHINGTON
04/25/2016 - 08:09	Temperature	96.5 F (35.8 C)	WASHINGTON
04/25/2016 - 08:09	Pulse	84 /min	WASHINGTON
04/25/2016 - 08:09	Respiration	20 /min	WASHINGTON

**NUMERIC LAB RESULTS**

Date	Lab Test	Flag	Result
05/13/2016 - 11:59	Angiotensin Converting Enzyme, Serum or Plasma Quantitative - SERUM	H	102 U/L
05/13/2016 - 11:59	Glomerular Filtration Rate/1.73 Sq M.Predicted,Black, Serum or Plasma Quantitative Creatinine-based formula (MDRD) - SERUM		65.5 mL/min
05/13/2016 - 11:59	Glomerular Filtration Rate/1.73 Sq M.Predicted,Non Black, Serum or Plasma Quantitative Creatinine-based formula (MDRD) - SERUM	L	56.7 mL/min
05/13/2016 - 11:59	1,25-Dihydroxyvitamin D, Serum or Plasma Quantitative - SERUM		62.6 pg/mL
05/13/2016 - 11:59	Urea Nitrogen, Serum or Plasma Quantitative - SERUM		15.1 mg/dL
05/13/2016 - 11:59	Sodium, Serum or Plasma Quantitative - SERUM		141 mmol/L
05/13/2016 - 11:59	Protein, Serum or Plasma Quantitative - SERUM		8.0 g/dL
05/13/2016 - 11:59	Albumin, Serum or Plasma Quantitative - SERUM		4.7 g/dL
05/13/2016 - 11:59	Alkaline Phosphatase, Serum or Plasma Quantitative - SERUM		70 U/L

**DOCUMENTS**

Date	Type	Author or Verifier
▼ May 2016		
05/24/2016	Progress Note	Rohatgi,Juhi Gupta
05/24/2016	Consultation Report	None
05/20/2016	Progress Note	LAZARUS, ANGELINE A
05/19/2016	Progress Note	Jenigen,Catherine D
05/19/2016	Progress Note	Gordon,Sheree
05/19/2016	Progress Note	Jenigen,Catherine D
05/18/2016	Progress Note	Gordon,Sheree
05/13/2016	Progress Note	COLLINS, JEANNETTE R
05/13/2016	Radiology	Taylor, Justin Richard
05/11/2016	Progress Note	Lisle, Lucile A

**PROBLEMS**

Description	Acuity	Status
Spondylosis, Lumbar	Unknown	Active
Displacement of thoracic intervertebral disc without myelopathy	Unknown	Active
Follow-Up examination following Surgery, unspecified	Unknown	Active
Visual field defect	Unknown	Active
Lumbar post-laminectomy syndrome	Unknown	Active
COGNITIVE COMMUNICATION DEFICIT (ICD-10-CM R41.841)	Unknown	Active
Postconcussion syndrome	Unknown	Active
Chronic post-traumatic stress disorder	Unknown	Active
Sensorineural hearing loss, asymmetrical	Unknown	Active
Degeneration of lumbar or lumbosacral intervertebral disc	Unknown	Active
CHORIORETINAL SCAR NOS	Unknown	Active
Glaucoma, Suspect	Unknown	Active
TERRORISM Involving other EXPLOSIONS and Fragments	Unknown	Active
Actinic Keratosis	Unknown	Active
Degen Disc Dis, Unsp	Unknown	Active
Chronic low back pain	Unknown	Active
Insomnia	Unknown	Active

**ALLERGIES**

Allergen Name	Reaction	Severity
NO KNOWN ALLERGIES		

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Refresh All Data

My Site All VA DoD Communities

# VA eHMP – Coversheet Layout

All
Coversheet

### PROBLEMS

Description	Acuity	Status
Observation for other specified suspected Condition	Unknown	Active
Ventricular Arrythmia	Unknown	Active
Systolic Heart Failure	Unknown	Active
Peripheral Neuropathy	Unknown	Active
Hyperlipidemia	Unknown	Active
HOSPICE	Unknown	Active

### VITALS

BP 100/69 mm[Hg]	05/23/2013	PO2 98 %	05/23/2013
P 100 /min	05/23/2013	PN 8	05/23/2013
R 18 /min	05/23/2013	WT 177 lb / 80.45 kg	05/23/2013
T 98.7 F / 37.1 C	05/23/2013	BMI 27.7	05/23/2013

### ALLERGIES

AMBIEN
SPIRONOLACTONE
VERSED 1MG/ML 10ML VIAL

### APPOINTMENTS & VISITS

Date	Description	Location	Status	Facility
04/20/2015 - 10:09	Visit	2D SURG DISCHARGE PLANNED-E-X	WAS	WAS
03/19/2015 - 15:48	Visit	2D SURG DISCHARGE PLANNED-E-X	WAS	WAS
10/01/2013 - 10:00	Visit	DC/VASCULAR LABORATORY	WAS	WAS

### NUMERIC LAB RESULTS

Date	Lab Test	Flag	Result
05/23/2013 - 10:20	FINGERSTICK GLUCOSE - BLOOD	H	270 mg/dL
05/09/2013 - 14:19	Panel PROTHROMBIN TIME with INR BLOOD PLASMA SP LB #1591604	H	
05/06/2013 - 13:50	MRSA SURVL NARES AGAR - NARES		NEGATIVE
05/06/2013 -	Panel 7 CHEM BLOOD	H	

### COMMUNITY HEALTH SUMMARIES

Date	Authoring Institution
No Records Found	

### IMMUNIZATIONS

Vaccine Name	Reaction	Date	Facility
FLU,3 YRS (HISTORICAL)		11/01/2012	WASHINGTON CBOC
INFLUENZA, UNSPECIFIED FORMULATION	NONE	10/17/2011	WASHINGTON CBOC
FLU,3 YRS (HISTORICAL)		10/17/2011	WASHINGTON CBOC
PNEUMOCOCCAL		03/29/2011	WASHINGTON

### ACTIVE & RECENT MEDICATIONS

Medication	Facility
No Records Found	

### ORDERS

Order Type: All

Order Date	Status	Order	Facility
03/13/2000	COMPLETE	Reaction to versed	WAS
03/21/2000	COMPLETE	Reaction to versed	WAS
03/23/2000	COMPLETE	Reaction to VERSED	WAS
10/07/2002	COMPLETE	Reaction to VERSED 1MG/ML 10ML VIAL	WAS

eHMP version 1.2.3.64914

[Refresh All Data](#)
My Site
All VA
DoD
Communities

# VA eHMP – Blood Pressure

## Blood Pressure

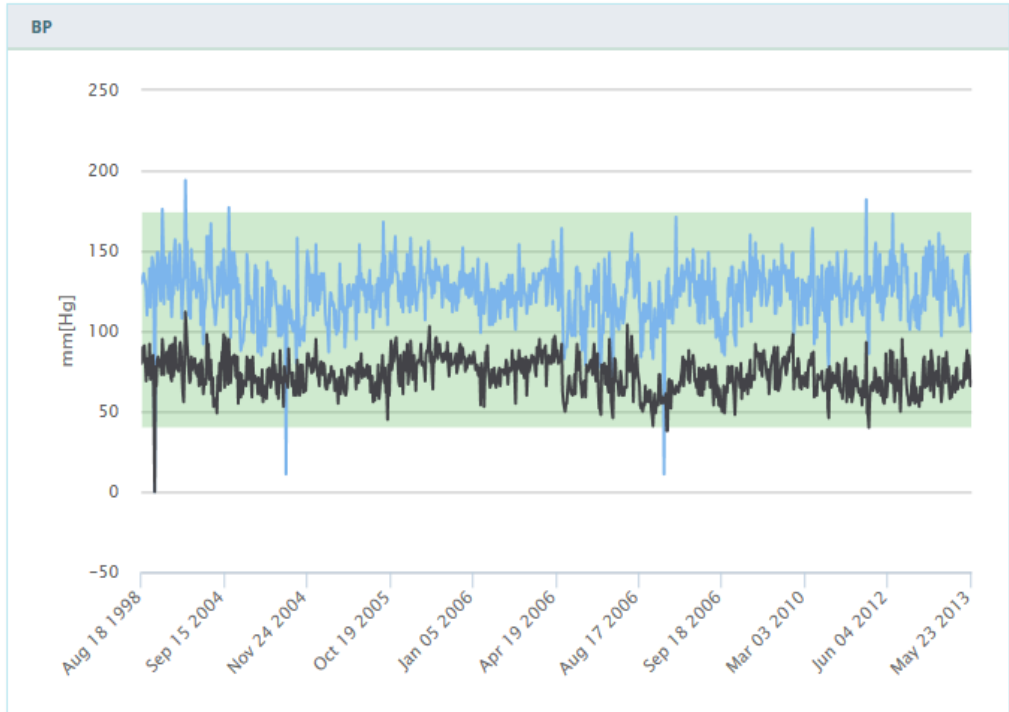
↑ Previous

↓ Next

Viewing All

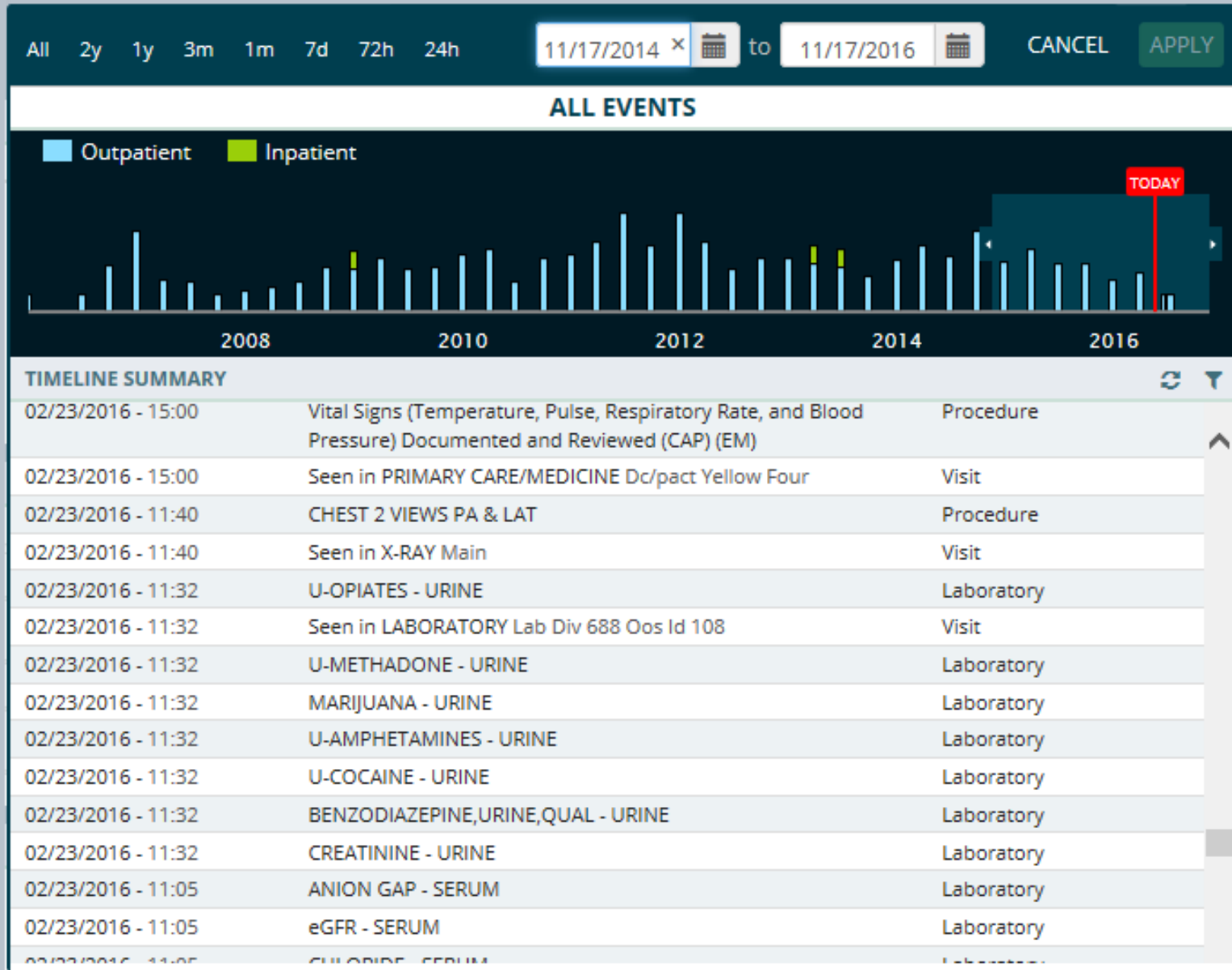
All 2yr 1yr 3m 1m 7d 72hr 24hr  to  Apply

BP		Vitals Tests: 973
Date	Result	Facility
05/23/2013	100/69 mm[Hg]	688GB
05/21/2013	108/66 mm[Hg]	WAS
05/09/2013	120/78 mm[Hg]	688GB
05/06/2013	136/85 mm[Hg]	WAS
05/06/2013	148/71 mm[Hg]	WAS
05/05/2013	136/88 mm[Hg]	WAS
05/05/2013	136/79 mm[Hg]	WAS
05/05/2013	147/70 mm[Hg]	WAS
05/05/2013	139/80 mm[Hg]	WAS
05/04/2013	119/67 mm[Hg]	WAS
05/04/2013	104/65 mm[Hg]	WAS
05/04/2013	114/68 mm[Hg]	WAS
05/03/2013	107/69 mm[Hg]	WAS
05/03/2013	103/68 mm[Hg]	WAS
05/03/2013	112/67 mm[Hg]	WAS
05/03/2013	112/67 mm[Hg]	WAS
05/02/2013	121/64 mm[Hg]	WAS



Close

# VA eHMP – Timeline All Events



# Home Care with Devices

- ◆ **Blood Pressure and Pulse rate**
- ◆ **Oximetry O2 Sat and respiratory rate**
- ◆ **Ventilation Tidal Volume and Respiratory Rate**
- ◆ **ECG with interpretation - Alive Cor**
  - ◆ **Arrhythmia – Atrial Fibrillation**
- ◆ **Fit Bit, Apple Watch etc. upload to EHR**
  - ◆ **Simple Steps/day Exercise, Sleep**

# Subclinical Atrial Fibrillation

- ◆ Patients with pacemakers recording atrial events  $> 190$  bpm  $> 6$  minutes
- ◆ In three months 18% had atrial tachy with median rate of 480 bpm
- ◆ 

Quartiles	Duration	Stroke Risk
◆ 1 -	$< .86$ hours	1.23
◆ 2 -	$.87 - 3.63$ hours	0
◆ 3 -	$3.64 - 17.72$ hours	1.18
◆ 4 -	$> 17$ hours	4.89

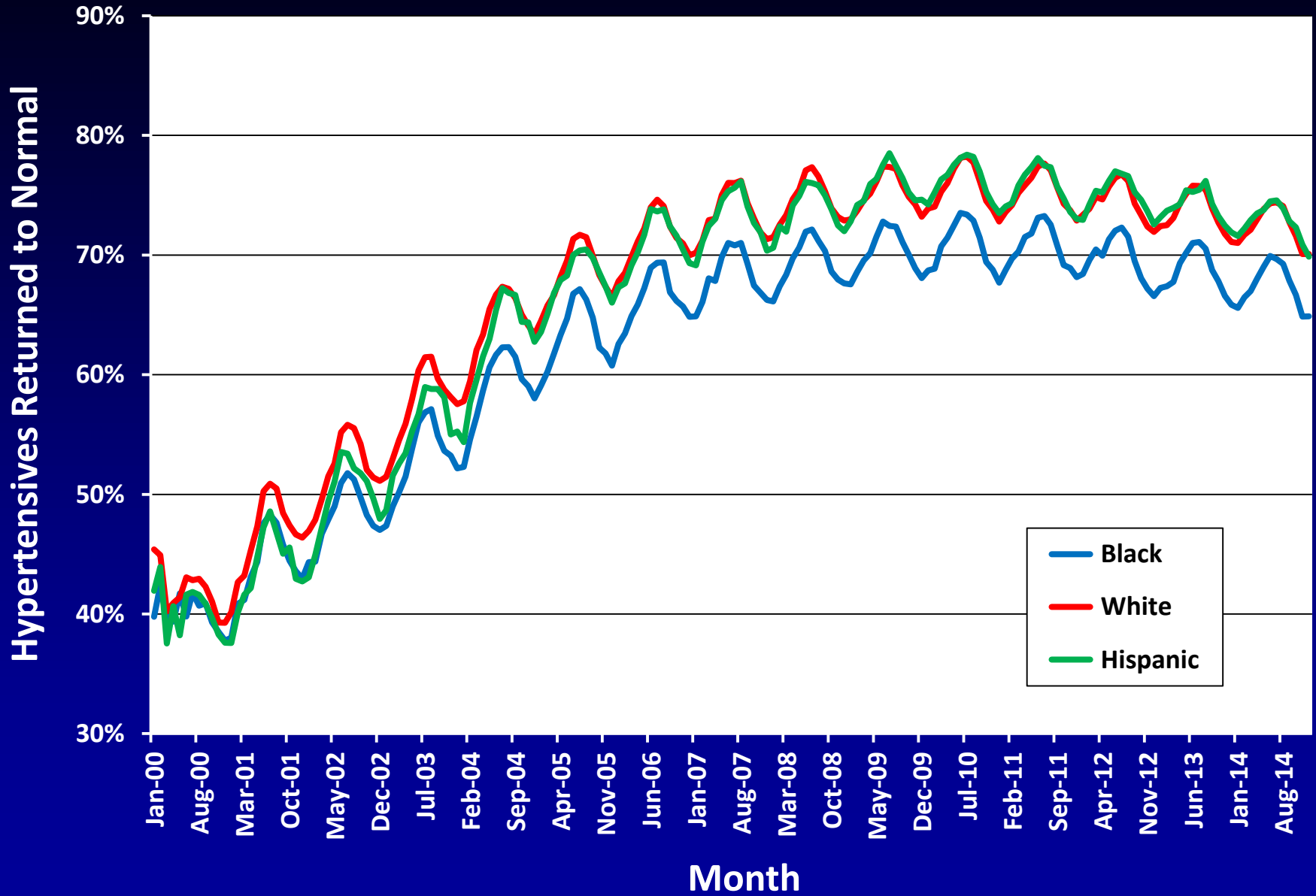


# How VA Care Compares: Quality Measures

Clinical Indicator	VA 2010	VA 2009	Commercial 2009*	Medicare 2009*	Medicaid 2009*
Breast cancer screening	88%	87%	71%	69%	52%
Cervical cancer screening	93%	92%	77%	n/a	66%
Colorectal cancer screening	82%	80%	61%	55%	n/a
LDL-Cholesterol < 100 mg/dL after AMI, PTCA, CABG	69%	67%	59%	56%	41%
Diabetes: DM control HbA1c <9.0%	98%	98%	89%	90%	81%
Diabetes : LDL-C < 100 mg/dL	70%	69%	47%	50%	34%
Diabetes: Eye Exams	90%	88%	57%	64%	53%
Diabetes : Renal Exam	96%	95%	83%	89%	77%
Diabetes: BP <140/90)	82%	80%	65%	61%	60%
Smoking Cessation Counseling	97%	96%	80%	78%	74%
Smoking: Medications offered	94%	90%	53%	n/a	43%
Smoking: Referral / Strategies	97%	96%	50%	n/a	39%
Immunizations: Influenza	81%	83%	66%	n/a	n/a
Immunizations: Pneumococcal	94%	95%	61%	n/a	n/a

\* Healthcare Effectiveness Data and Information Set (HEDIS)

# Racial Disparity



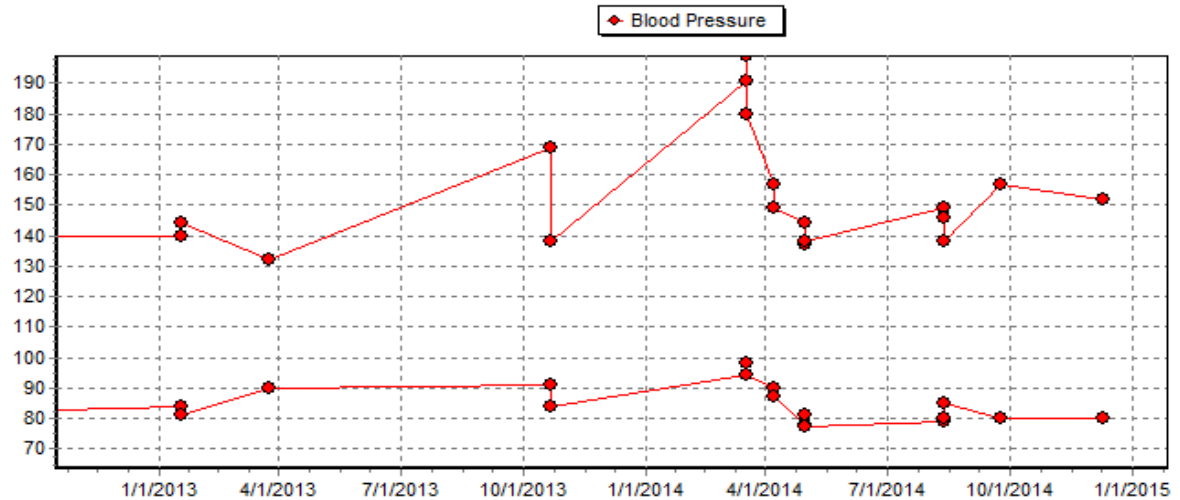
# Gap in Medication

Zoomed Date Range: Oct 16, 2012 3:43 pm to Jan 27, 2015 1:31 am.

Individual Graphs

Items Views

Item	Type
Terazosin Hcl 10mg Cap	Medication,Outpat...
Terazosin Hcl 5mg Cap	Medication,Outpat...
Valacyclovir Hcl 500mg Tab	Medication,Outpat...
Vardenafil Hcl 5mg Tab	Medication,Outpat...
Chest 2 Views Pa & Lat	Radiology Exams
Echogram Kidney	Radiology Exams
Foot 3 Or More Views	Radiology Exams
Knee 2 Views	Radiology Exams
Blood Pressure	Vitals
Body Mass Index	Vitals
Circumference/Girth	Vitals
Height	Vitals
Pain	Vitals
Pulse	Vitals
Pulse Oximetry	Vitals
Respiration	Vitals
Temperature	Vitals



Individual Graphs

Items Views

[Personal Views]

Hgbir

Inr

[Public Views]

Icu - Cardiac

Icu - Vent

Lab - Cbc

Lab - Chem Other

Lab - Chemistry

Lab - Infection And Temp

Lab - Pulmonary

Meds - Abx

**Meds - Htn**

Meds - Pulmonary

Meds: Abx

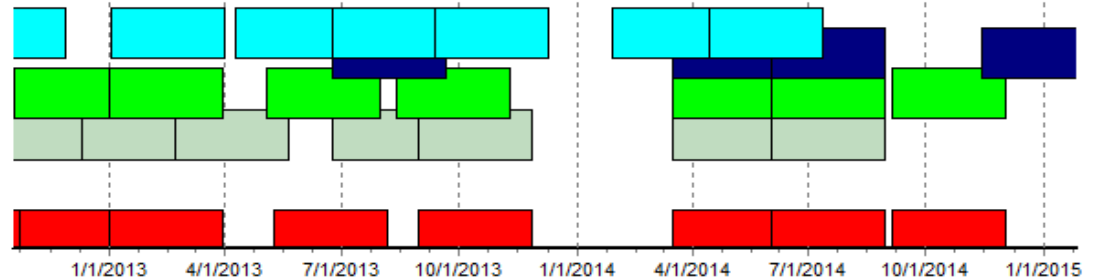
Proc - Cardiology

Proc - Gi

Proc - Pulmonary

Vitals - Bp/Pulse/Wt

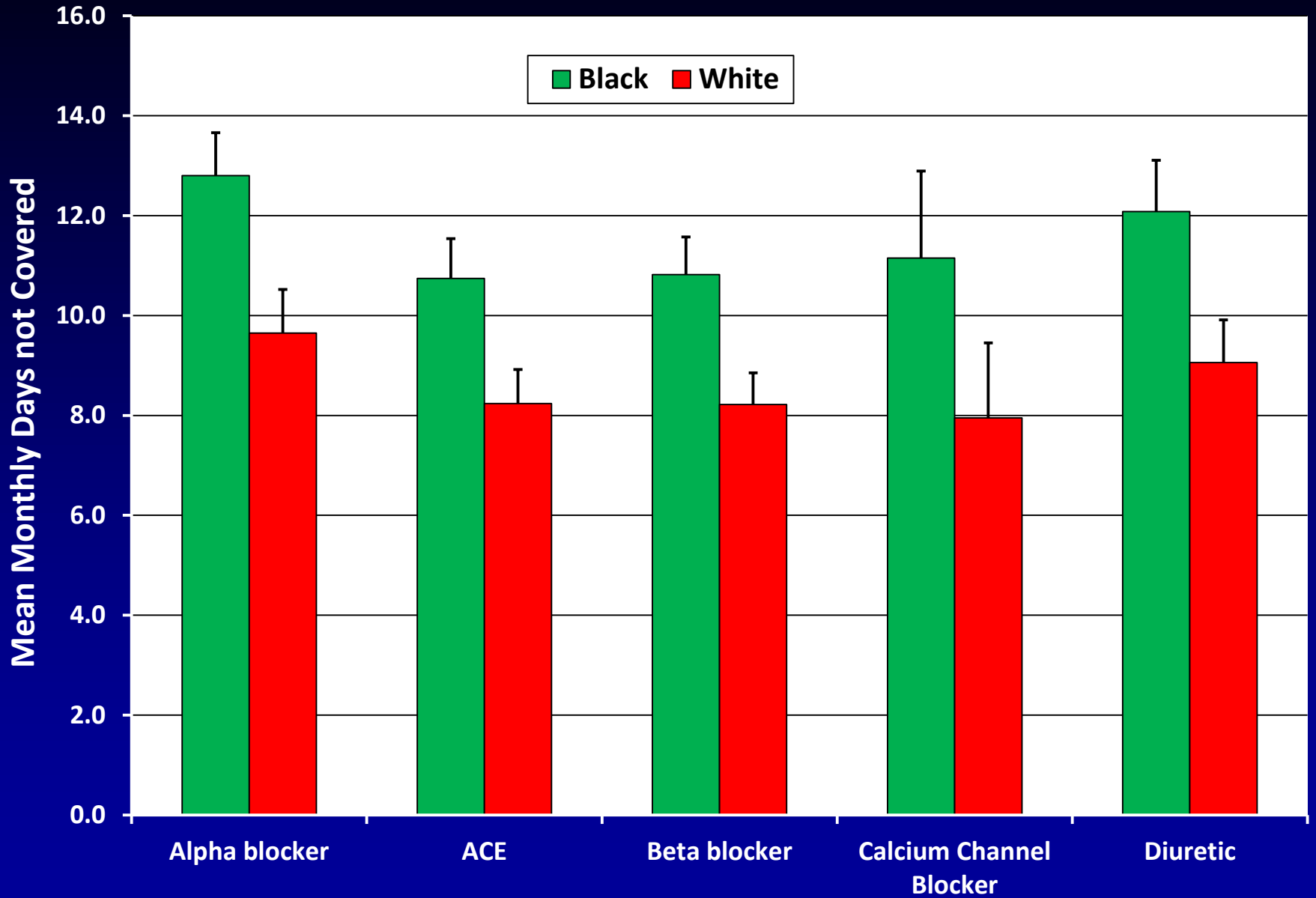
Flash Group



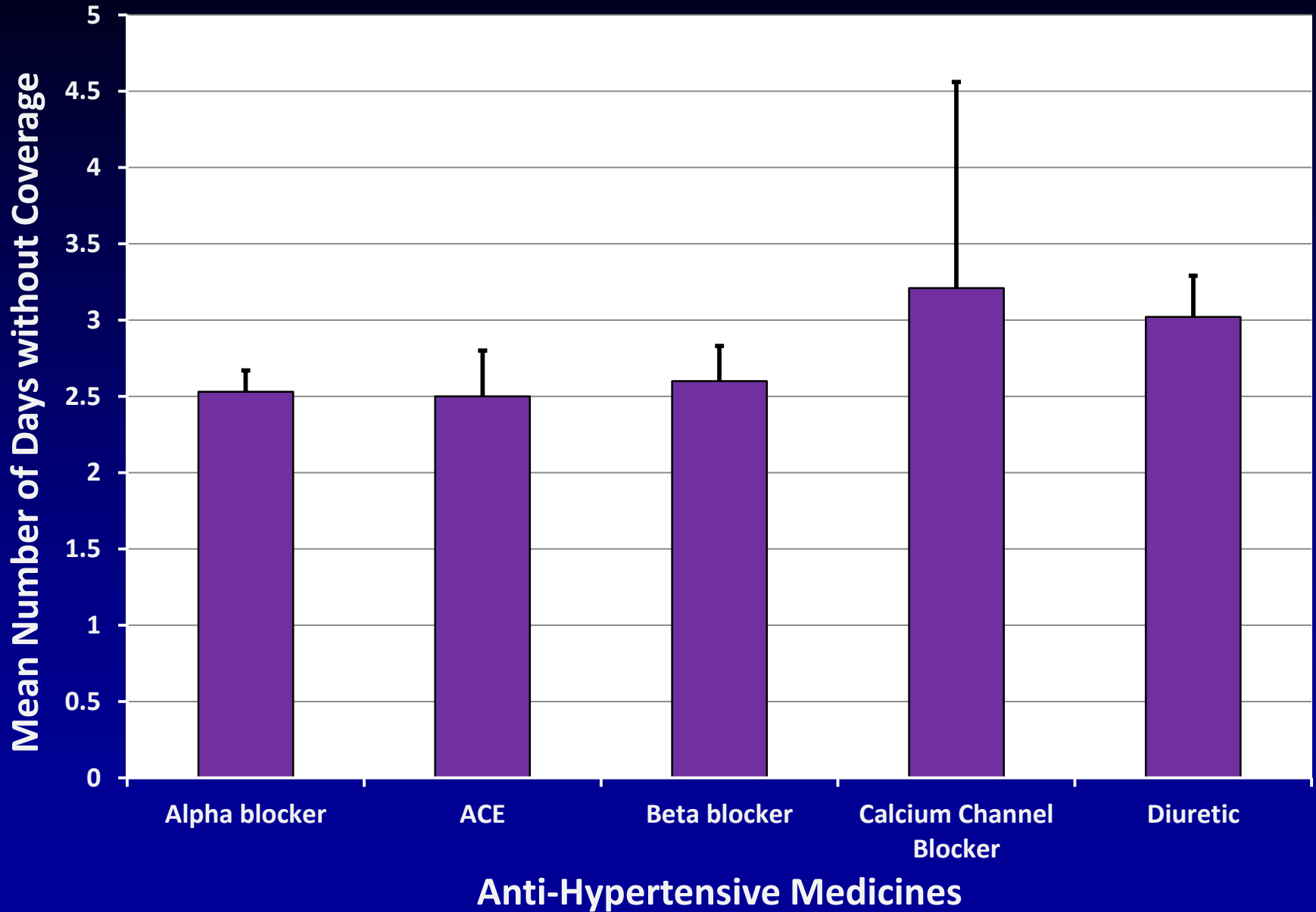
- |   |   |
|---|---|
| <span style="color:red">■</span> Amlodipine Besylate 10mg Tab             | <span style="color:blue">■</span> Diltiazem (eqv-Tiazac) 120mg 24hr Cap |
| <span style="color:yellow">■</span> Diltiazem (eqv-Tiazac) 300mg 24hr Cap | <span style="color:green">■</span> Doxazosin Mesylate 2mg Tab           |
| <span style="color:magenta">■</span> Felodipine 10mg Sa Tab               | <span style="color:lightgreen">■</span> Hydralazine Hcl 50mg Tab        |
| <span style="color:olive">■</span> Lisinopril 40mg Tab                    | <span style="color:darkgreen">■</span> Losartan Potassium 100mg Tab     |
| <span style="color:grey">■</span> Losartan Potassium 50mg Tab             | <span style="color:darkblue">■</span> Metoprolol Tartrate 50mg Tab      |
| <span style="color:cyan">■</span> Tamsulosin Hcl 0.4mg Cap                | <span style="color:grey">■</span> Terazosin Hcl 10mg Cap                |
| <span style="color:lightblue">■</span> Terazosin Hcl 5mg Cap              |   |

Date Range: All Results  Split Views Select/Define... Settings... Close

# Mean Monthly Days not Covered



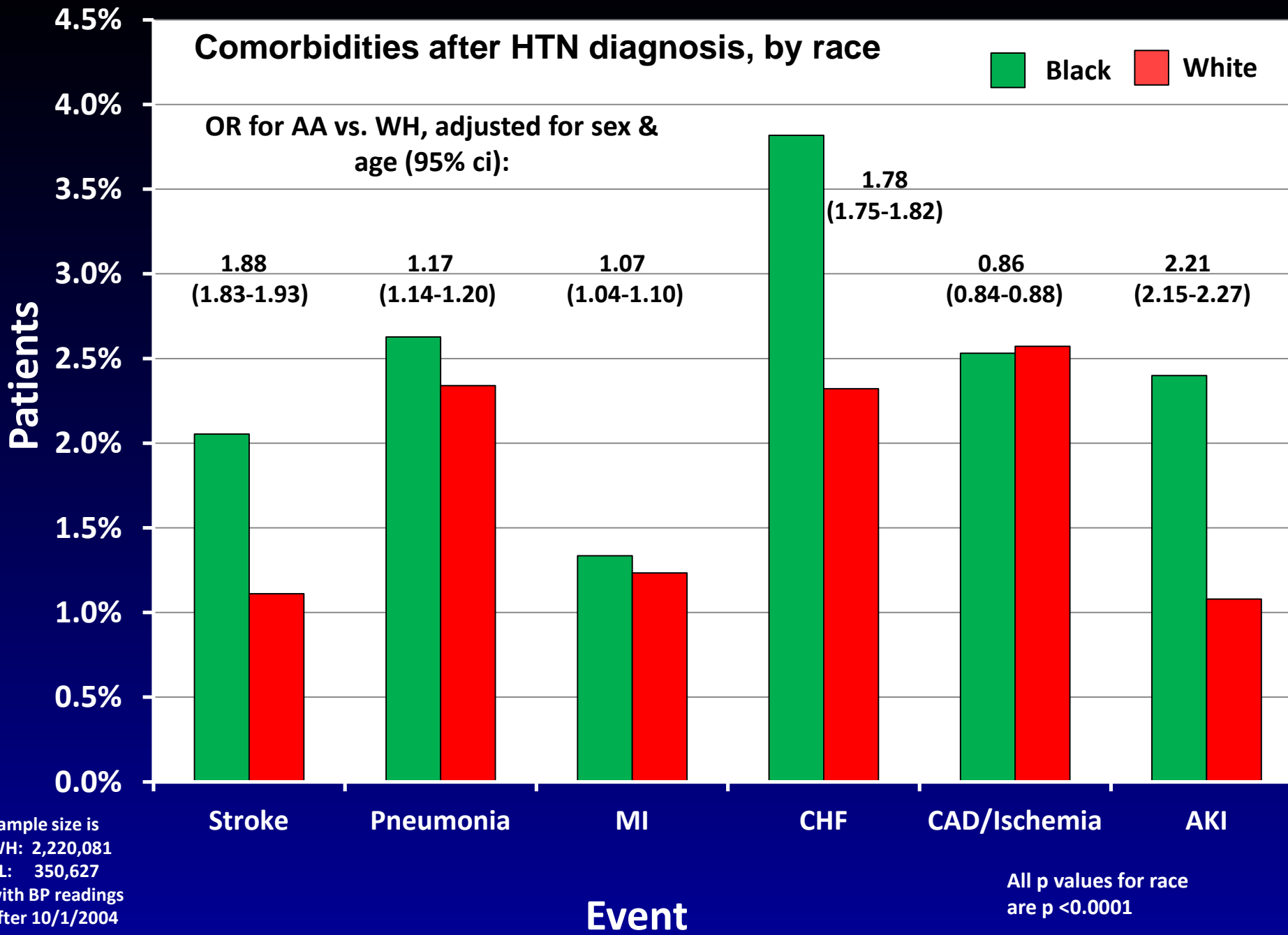
# Difference in Days not Covered



# Comorbidities after HTN diagnosis, by race

Black White

OR for AA vs. WH, adjusted for sex & age (95% ci):

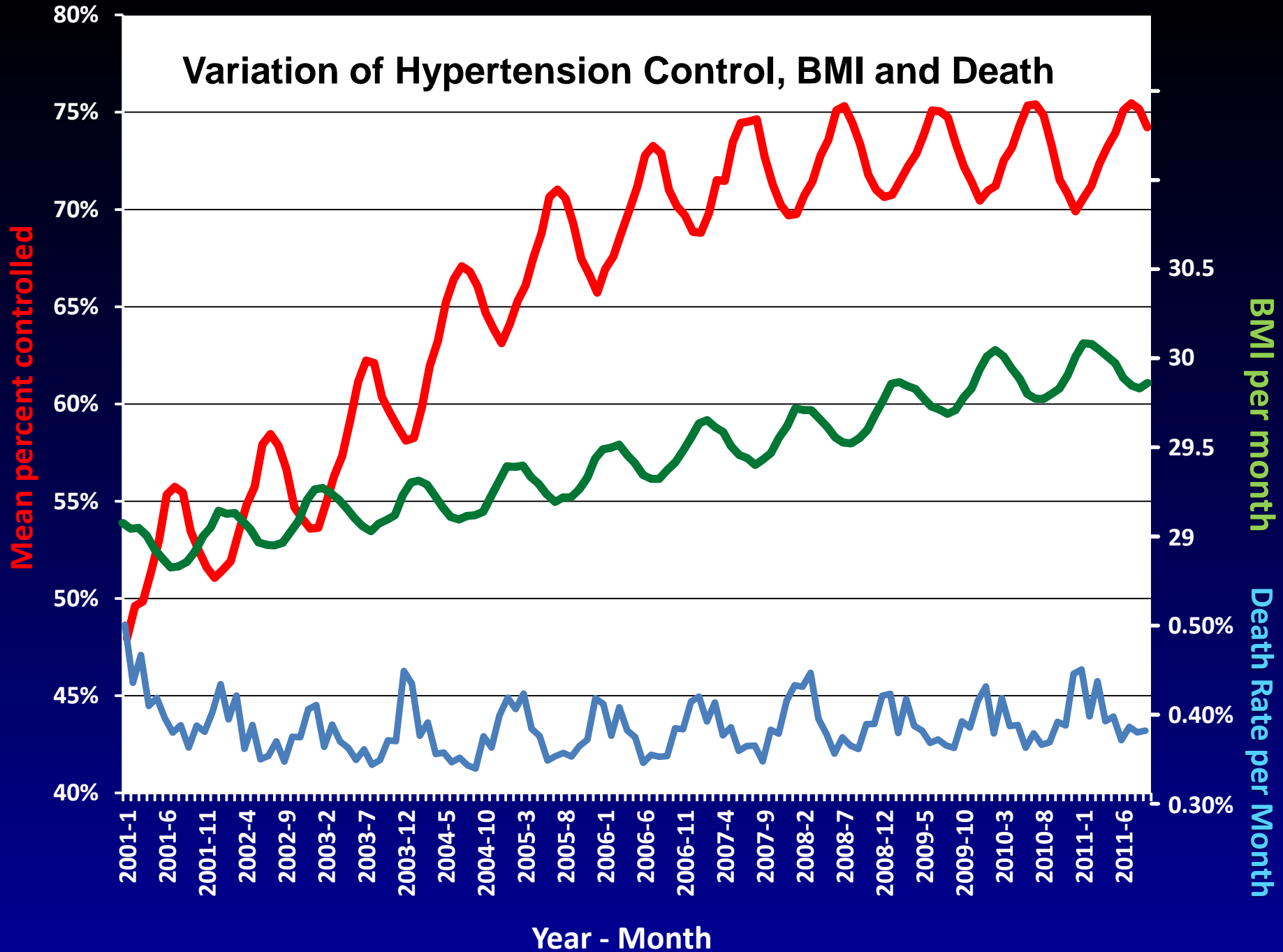


Sample size is  
WH: 2,220,081  
BL: 350,627  
with BP readings  
after 10/1/2004

All p values for race  
are p < 0.0001



# Variation of Hypertension Control, BMI and Death



**END**