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Му нес	aitn <u>e</u> vet	Refill Status	Refill Submit ¢ Date	Fill Date	Prescription Number	Last Updated	Facility	¢ Select to ¢ Refill	GO
HOME PERSONAL INFORMATION P RX REFILE MEDICATIONS + SUPPLEMENTS	HARMACY RESEAU	Refill in Process	7/17/2006	9/29/2006	<u>2493794B</u>	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		
Pharmacy		Refill in Process	7/17/2006	9/25/2006	<u>2515248</u>	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		aout
Since its introduction in August 2005, Prescriptio		Refill in Process	7/17/2006	9/22/2006	2068389F	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		gout
Prescription Refill, Prescription	History and your	Refill in Process	7/17/2006	9/15/2006	<u>2515245A</u>	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		gout
Refill My Prescriptions	Prescription Refill History	Refill in Process	7/17/2006	9/15/2006	<u>2515246A</u>	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		
P	Last Fill Date 01/21/200	Refill in Process		9/3/2006	<u>2453114B</u>	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		<u>Suicide</u> otline n crisis
TX -	02/24/20	Refill in Process	7/17/2006	8/5/2006	<u>2570573</u>	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		TALK
Do you need to refill your prescriptions? Do it online More »	See the prescrip have had refille More »	Refill in Process		8/4/2006	<u>2569949</u>	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION		n / Virtual ewed
		Refill in Process	7/17/2006	7/26/2006	2528192	7/18/2006	CENTRAL CALIFORNIA HEALTH CARE SYSTEM - FRESNO DIVISION	0	
									.are
							•	<u>HealthierUS</u>	S Veterans









Survey Respondents (Oct 2007 – Oct 2008)

Veteran	93%
Family	4%
Fed employee	<1%
Vet Service Org	<1%
General Public	<1%
Other	1%

Veteran	86 %
Fed. Employee	4%
Vet. Advocate	2%
Provider	3%
General Public	<1%
Other	1%

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MyHealtheVet Visit Frequency First visit 12 % More than once/day 2 % Daily 4 % Once a week 25 % 49 % Once a month **Every 6 months** 5 % < every 6 months 3 % Oct 2007 - Oct 2008 N=61186 26





Goal Using My HealtheVet Today?

	Choose all that apply	Oct 2007 – Oct 2008 <i>N=61186</i>
Request Rx refill	76 %	
Rx history from record	24 %	
Seek medication Information	ation 18 %	
Track personal informati	ion 14 %	
Track health information	13 %	
Research health condition	on 6 %	
Information about VA be	enefits 6 %	
Find VA care facility	2 %	
Other	9 %	
		29















Vetera	n Sends a Mess	age (DRAFT Version)
My Heal	th <u>e</u> Vet	Close Secure Messaging You are logged in as: Gisela Amanda Zz
Secure Messaging		
		Preferences Help
New Message	Send Save as Draft Cancel Message	
Inbox (1)	From: Zztest, Gisela Amanda	Attention
Drafts [0]	To: Portland Primary Care 💌	This messaging system should be only used for non-urgent, non-critical communication!
Sent	Subject:	Please direct any urgent or critical concerns to your provider's office via telephone or in-person.
Deleted	Compose Message:	Use a Predefined Message? Administrative Question
My Folders edit		
Diabetes Mental Health		
Pharmacy		
add new folder		

Healthca	re Team Access SM	in CPRS
VistA CPRS in use ay: Douglas,David M (v.	'a.Portland.med.va.gov)	_B×
The Calc view 1006 vista Apps Tep ZZTEST,GLEI SECURE MESSAGING 000-00-0011 S Graphing Ctrl+	Primary Care Team Unassigned	Flag Data WF
Active Protems Ptsd Diabetes Introi Word Search	gic / Adverse Reactions lie prAssessment	Patient Record Flags NAME CHANGE
*Diabetes CPR5 News Page Coronary Artery Need Inoc/Viral Ho *Hydrocephalus		Postings Co-Managed Care Jun 15,2006
No Active Medications Found	Genietric Forwardson DUE NOW Genietric Ficare Valuation DUE NOW Tobaco Use Screen Mari 17,86 Valat DUE NOW Para Screening DUE NOW PAP Smart Screening DUE NOW Evaluation of Popersion Screen DUE NOW *Allergy Assessment DUE NOW	Palent Has No Admissions On File
Recent Lab Results	Vitals	Appointments/Visits/Admissions
No Orders Found.	T 985 F My 232000 0241 (36.9 C) P 89 My 0122000 0700 LYNG R 22 My 012200 0700 LYNG P 12200 0700 LYNG ADULT CUFFAT REST P 122020 My 232000 0241 R AFML/YNG ADULT CUFFAT REST HY 83 M My 012000 0700 [175.3 cm] PN 7 My 012000 0700 [175.7 cm] PN 7 BW 012000 0700 [175.7 cm] PDX 98 My 232000 0241 R00M AIR PDX 98 My 232000 0241 R00M AIR	No data found



SM Note Saved to CPRS				
VistA CPRS in use by: Douglas, David M File Edit View Action Ontions Tools Vista	Anns Hein			_ <u>-</u> ×
ZZTEST Visit 000-00-0011 Provi	Not Selected Primary Care Team Unassigned er: DOUGLAS,DAVID M	Flag Data	?	Postings WF
Last 200 Signed Notes[Total: 505]	Vak 06/11/00 SECURE MESSAGING, SECURE MESSAGING, DAVID M. DOUGLAS MD (Jun 11.08@17.02) LOCAL TITLE: SECURE MESSAGING, SECURE MESSAGING, DAVID M. DOUGLAS MD (Jun 11.08@17.02) DICT DATE: JUN 11, 2008817: 02:09 ENTER DATE: JUN 11, 2008810:02:11 DICT DATE: JUN 11, 2008817: 02:09 ENTER DATE: JUN 11, 2008810:02:11 DICT DATE: JUN 11, 2008817: 02:09 ENTER DATE: JUN 11, 2008810:02:11 DICT DATE: JUN 12:000 11:58 AM From: To: Portland Primary Care Subject: Medication Prescription Question Please note that we need 3 business days to respond to secure messaging. *IF you are having a problem with your medication that cannot wait that long, please note that we need 3 business days to respond to secure messaging. *IF you are having a problem with your medication that cannot wait that long, please note that we need 3 business days to respond to secure messaging. *IF you are having a problem with your medication that cannot wait that long, please cost that we need 4 business days supply left. Can you renew this medication? Your Patient, Original Message			
/ Templates / Templates Encounter New Note Cover Sheet Problems Meds Orders	/es/ DAVID M. DOUGLAS HD FACILITY CIO/ATTREDIMO PSYCHIATEIST Signed: 06/11/2000 10:02 Notes [Consults] Surgery D/C.Summ Jabs Reports]			Ţ

















- Cross sectional cohort w/ diabetes Group Health
- 5,274 (34% of total) authenticated, 55% used SM
- SM user initiated messages 89% of time
- 32% higher outpatient visits in user vs. nonuser
- More frequent use associated with HgA1c control
 - "Chronic but controlled" more engaged? or
 - Does engagement lead to better control

Harris LT, Haneuse SJ, Martin DP, Ralston JD. Diabetes Care 2009; April 14.



Blood Pressure Control at 1 Year: PHR with Pharmacist e-Care



- RCT with 778 patients hypertension not controlled
- PHR: e-message, Rx refills, tests, visit summaries

	PHR + Pharmacist	PHR Only	Usual Care
All patients	56%	36%	31%
Subgroup: SBP >180	54%	26%	20%

% of Patients with BP Control

Green BB, Cook AJ, Ralston JD, Fishman PA et al. JAMA 2008; 299:2857-67



















RE-AIM Modified to PHR Research

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Reach	Access, users and usage (nonusers)
Effectiveness	Enhance access, quality, outcomes
Adoption	Promote clinical integration
Implementation	Impact clinical teams, processes, work
Maintenance	Monitor impact over time, mitigate health IT disparities
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