

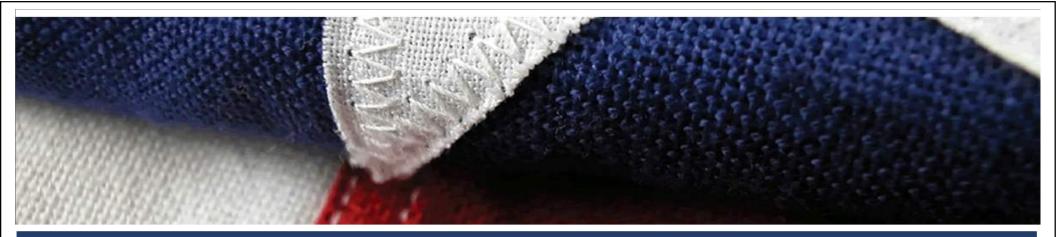
#### Lessons Learned from an Electronic Health Record Failure

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U.S. Department of Veterans Affairs



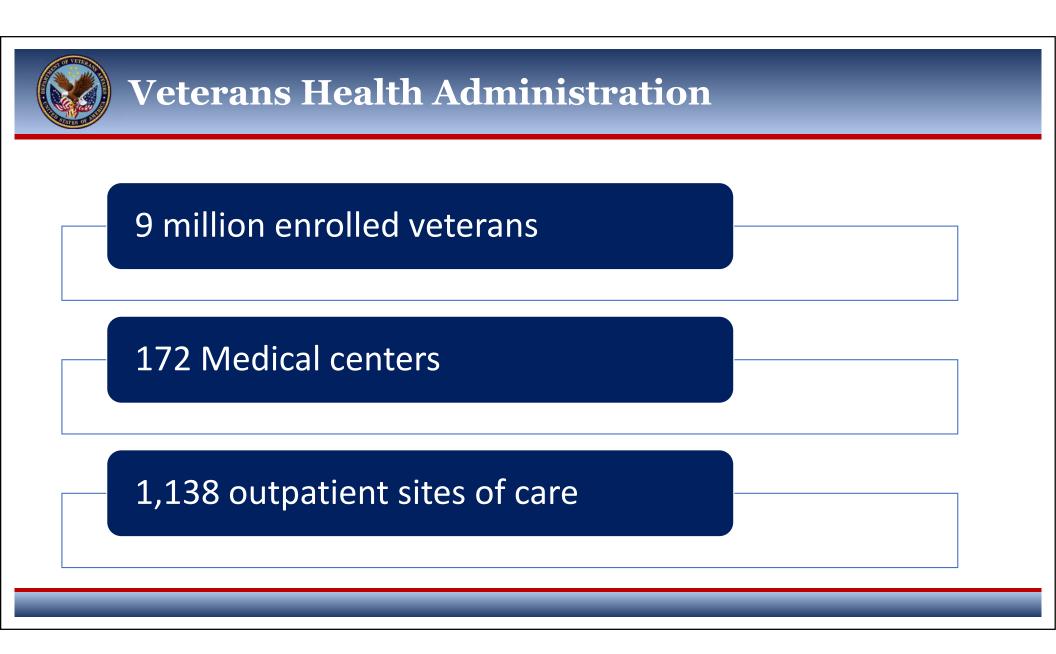
# I have nothing to disclose



# Learning Objectives

Formulate the immediate steps taken following an Electronic Health Record error Analysis the process utilized during the look-back to determine process improvement opportunities

Describe how to instill crisis management philosophy into the entire pharmacy team





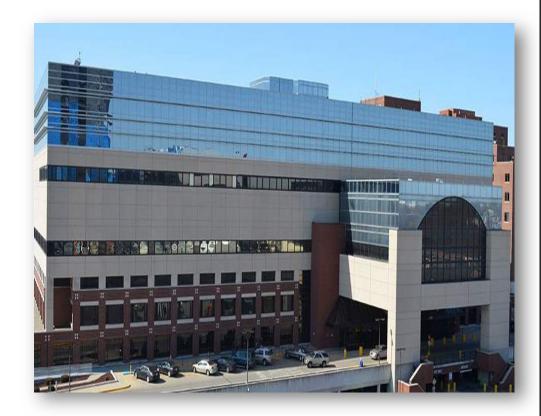
## **Electronic Health Record Journey**

= 1990s			
19908			
Computerized Patient	2000s		] /
Publicly available developed/released	Two-way	2010s – Present	_
DHCP VA became 1 <sup>st</sup> Health care organization to use bar code technology	exchange between VA and Dept of Defense	Joint Legacy Viewer launched	
		Interfaces with CMS	
	_	Contract with	
	Computerized Patient Record System developed/released VA became 1 <sup>st</sup> Health care organization to use bar code	Computerized Patient Record System developed/released VA became 1 <sup>st</sup> Health care organization to use bar code	Computerized Patient Record System developed/released2000SVA became 1st Health care organization to use bar code technologyTwo-way exchange between VA and Dept of Defense2010s - PresentJoint Legacy Viewer launched Interfaces with CMS



## Veteran Health Indiana - Indianapolis, IN

- Tertiary care referral academic medical
- Serve ~ 62,000 veterans annually
- 1 million outpatient appointments
- 8600 admissions to 159 inpatient beds
- More than 1 million outpatient prescriptions processed
- Centralized Mail Order Pharmacies
- Regional Pharmacy Call Center





#### Pharmacy Add on Technology at VHI

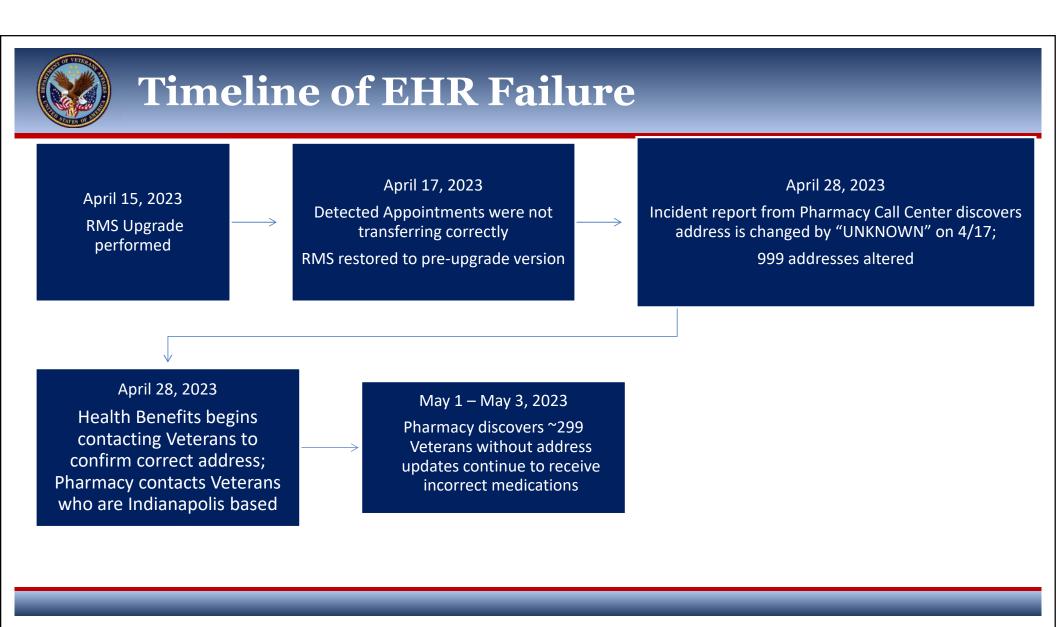
#### Inpatient

- Omnicell®
  - ADC
  - IVX
  - Anesthesia Workstation
  - Carousel
- VistA Chemotherapy Manager

#### Outpatient

- ScriptPro<sup>®</sup>
- Omnicell<sup>®</sup> ADC
- Endicia®
- Methasoft®







#### What would you do next?

- A. Allow the health benefits team to review addresses contacting each veteran one by one (5 team members)
- B. Revert the addresses immediately
- C. Stop filling prescriptions
- D. None of the above







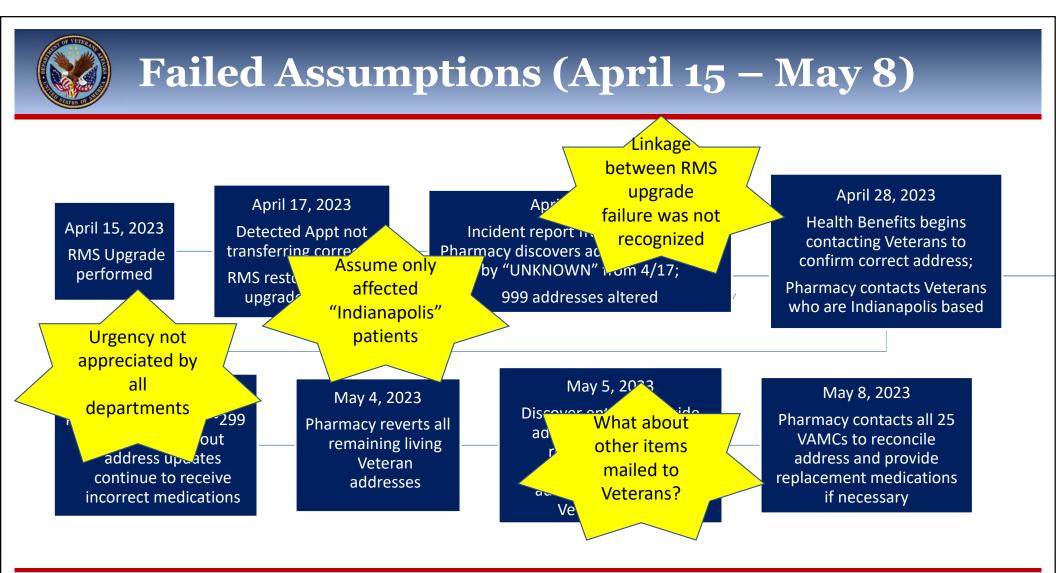
#### What would you do next?

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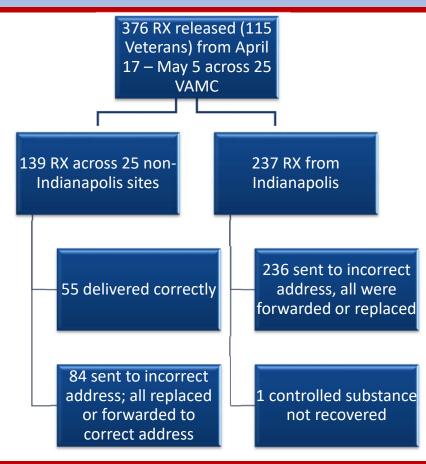
#### **Timeline of EHR Failure**



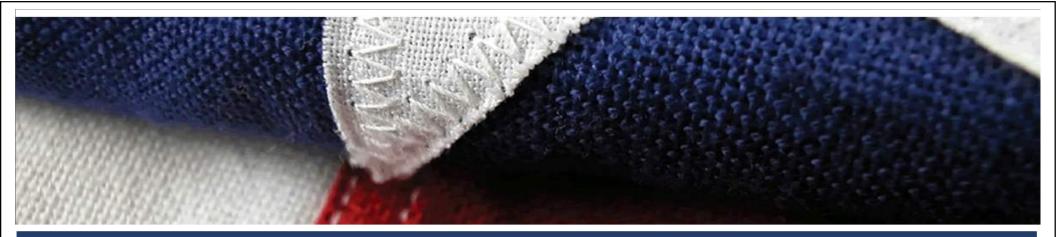




## **Medication Dispensing**

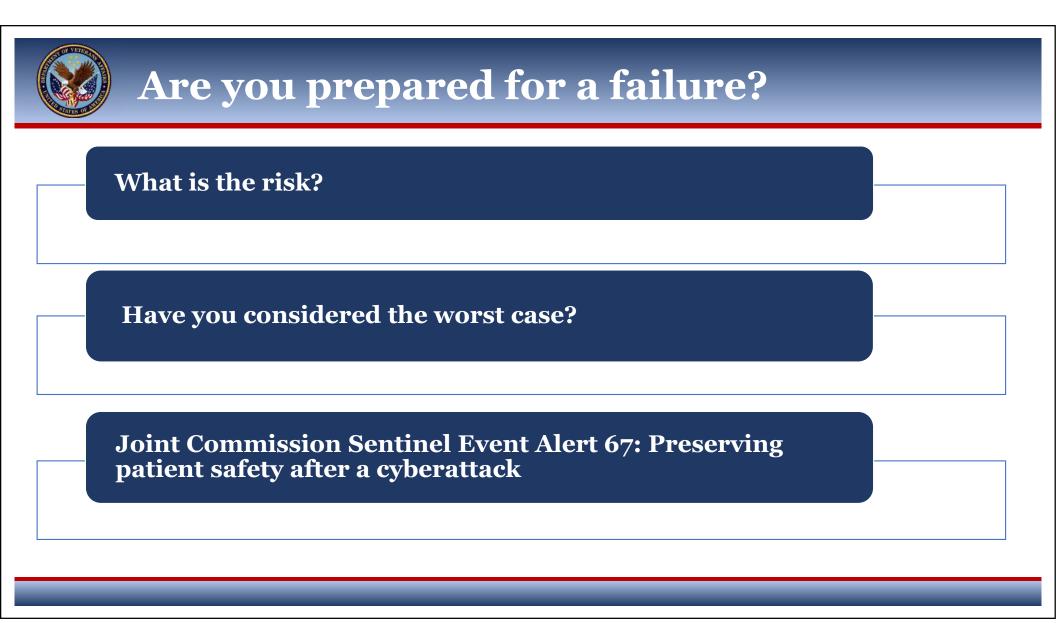


- Seven Veterans were unable to be reached via phone and letters were mailed
- Two Veterans took medication mailed to their address with another Veteran's name on the bottle
  - No harm occurred
- Event was considered resolved on June 22, 2023



# **Emergency/ Crisis Management**







# **Our plan for EHR failure is?**

- A. Fully functional and tested annually
- B. In development
- C. We have considered a plan
- D. What? The EHR doesn't fail!



#### slido



#### **Our Plan for EHR failure is?**

() Start presenting to display the poll results on this slide.



# Why is no one else panicking?

- Invoking incident management/command structure
  - FEMA based standard approach to emergency response
  - Interdisciplinary
  - Provides logistical and administrative support to staff
  - Specific objectives
  - Common language
- False assumptions regarding the extent
  - Review all the potential patients
  - Mobilize resources to review the data in a timely manner



## **Additional Lessons Learned**

- Data Management
  - Multiple lists were created
  - Various team members completing reviews
  - Availability of the data
  - Centralized storage
- Does everyone know the plan or where to find the plan?
- Simulating Failures



# **Questions?**





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