DEPARTMENT OF DEFENSE
MHS GENESIS®
MILITARY HEALTH SYSTEM

MHS GENESIS RECEIVES APPROVAL TO CONTINUE DEPLOYMENT

Last week, the Program Executive Office, Defense Healthcare Management Systems (PEO DHMS) reached several milestones in the journey to deploy MHS GENESIS, the Department of Defense's (DoD) modernized electronic health record (EHR). Thomas McCaffery, principal deputy assistant secretary of defense for Health Affairs, and U.S. Navy Vice Adm. Raquel Bono, director of the Defense Health Agency, signed a memorandum declaring Initial Operational Capability (IOC). Following their signing, Kevin Fahey, assistant secretary of defense for Acquisition, signed the Acquisition Decision Memorandum (ADM) that approves PEO DHMS to field MHS GENESIS to military treatment facilities (MTF) in the next six waves.

"We've come a long way since deploying to Fairchild Air Force Base in February 2017," said Stacy Cummings, program executive officer, PEO DHMS. "The approval to deploy to the next six waves of treatment facilities is representative of the DoD's commitment to transform the delivery of healthcare through MHS GENESIS."

MHS GENESIS: A Year in Review
The IOC declaration and ADM capped off an exciting year for MHS GENESIS. During the summer, at the 2018 Defense Health Information Technology Symposium, Ms. Cummings, and Vice Adm. Bono announced the MTFs included in Wave 1. These facilities, located in California and Idaho, include: Mountain Home Air Force Base (AFB), Naval Air Station Lemoore, Travis AFB, and the U.S. Army Health Clinic Presidio of Monterey. The DoD Healthcare Management System Modernization Program Management Office is currently working with these facilities to prepare them for deployment of MHS GENESIS in 2019.

In April, leadership from the DoD and the U.S. Coast Guard announced a partnership for MHS GENESIS. The Coast Guard will adopt and deploy MHS GENESIS to its clinics and sick bays. This was followed in May by the signing of the Department of Veterans Affairs contract for the same EHR as the DoD, fulfilling the 2017 announcement of the adoption.

Last year, MHS GENESIS deployed at four initial fielding sites across the Pacific Northwest. The DoD plans to fully deploy MHS GENESIS to 9.5 million beneficiaries and 205,000 medical personnel and staff by 2023.

For more information about MHS GENESIS, visit *www.health.mil/mhsgenesis*.

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MHS GENESIS Go-Live Recognition Ceremony at Madigan Army Medical Center.

Stacy Cummings and Vice Admiral Bono speak about MHS GENESIS lessons learned at the 2018 Defense Health Information Technology Symposium.

MESSAGE FROM THE PROGRAM EXECUTIVE OFFICER

Greetings! Welcome to the fall edition of the Program Executive Office, Defense Healthcare Management Systems (PEO DHMS) newsletter, The Scope. Inside this issue, you will read the recent accomplishments of the PEO DHMS team to achieve our interoperability and modernization goals.

In October, we participated in National Health IT Week. Held annually, this year's theme was "Catalyzing Change." The theme focused on ensuring value in four key areas: supporting healthcare transformation, expanding access to high quality healthcare, increasing economic opportunity, and making communities healthier. Throughout the week, leaders from PEO DHMS and the program management offices (PMO) shared their stories about why health IT is important, and how we use health IT to fulfill our mission to transform the delivery of healthcare and advance data sharing through a modernized electronic health record for our service members, veterans, and their families. Check out our Facebook *page* to listen to these stories.

Also in October, we participated in the Cerner Health Conference (CHC). CHC is a wonderful opportunity to collaborate and exchange ideas with others in the healthcare industry.

Last month, PEO DHMS participated in the 2018 AMSUS Annual Meeting, "The Future of Healthcare is Now." This annual meeting brings together federal healthcare professionals to discuss the latest advances in healthcare. Throughout the week, PEO DHMS exhibited and provided demonstrations of MHS GENESIS, the MHS GENESIS Patient Portal, and the Joint Legacy Viewer (JLV).

Our training corner on *page 3* highlights new JLV updates to improve end user experience. In addition, read how the U.S. Army will consider integrating the Mobile Computing Capability in its Nett Warrior platform. This integration would allow soldiers to document medical encounters at the point of injury during combat situations.

I am excited to share that last month, Dr. Lauren Thompson, director, Department of Defense/Department of Veterans Affairs Interagency Program Office, received the 2018 Leading for Impact, Women in Leadership Award from FedHealthIT. It was an honor to speak at this inaugural event as well. Read more on *page 4* where we also spotlight the Joint Operational Medicine Information Systems PMO's new computer-based training courses and the DoD Healthcare Management System Modernization PMO's work at the next MHS GENESIS deployment sites.

In closing, thank you to all MHS GENESIS users and stakeholders. Your dedication to the mission helped us reach the Acquisition Decision Memorandum milestone, allowing us to proceed with the next six wave deployments.

– Stacy Cummings, program executive officer, PEO DHMS

PEO DHMS PARTICIPATES IN THE 2018 CERNER HEALTH CONFERENCE

In October, the Program Executive Office, Defense Healthcare Management Systems (PEO DHMS) and its program management offices (PMO) participated in the Cerner Health Conference in Kansas City, MO. The conference brought together thousands of Cerner client leaders from the healthcare industry, including the Departments of Defense (DoD) and Veterans Affairs (VA), to share the latest advancements and innovations in healthcare and information technology. This year, the three-day event focused on the theme "Smarter Care."

On day one of the event, Stacy Cummings, program executive officer, PEO DHMS, recorded a podcast with Cerner to talk about MHS GENESIS lessons learned and future deployments. You can listen to the podcast *here*. Following the podcast, Ms. Cummings continued her discussion on MHS GENESIS with U.S. Navy Vice Adm. Raquel C. Bono, director of the Defense Health Agency, in a session titled "Making MHS GENESIS Ready for the Entire Military Health System." They discussed lessons learned and the role of the services in future deployments and change management activities.

Also during the conference, Dr. Lauren Thompson, director of the DoD/VA Interagency Program Office, joined John Windom, program executive officer of the VA's Office of Electronic Health Record Modernization, and executives from Cerner and MedStar Health in a fireside chat. They discussed recent progress and advancements to interoperability with community provider networks and application programming interface standardization.

The DoD Healthcare Management System Modernization (DHMSM) PMO also participated in the conference. U.S. Navy Cmdr. Alexander Holston, DHMSM chief medical informatics officer, spoke about the importance of record system time accuracy to ensure patient safety.

Click *here* to learn more.

Stacy Cummings (right) records a podcast with Cerner during the Cerner Health Conference.

PEO DHMS provides demonstrations at AMSUS.

TRAINING CORNER

JLV & YOU – WHAT'S NEW IN THE JOINT LEGACY VIEWER

The Joint Legacy Viewer (JLV) provides an integrated view of patient health data from the Department of Defense (DoD), Department of Veterans Affairs (VA), and private sector partners in a single display, and also provides access to MHS GENESIS patient health data.

Incorporating JLV into your daily workflow provides a single point of access to the most current medical history, as well as similar grouped data from each health information system displayed chronologically on a single screen, eliminating the need to access separate applications.

The DoD Healthcare Management System Modernization Program Management Office updates JLV regularly to improve user experience. A few recent JLV updates:

Dental Documents Widget
This widget provides access to Dental Summary Continuity of Care Documents (CCD), Dental Result notes from the Aggregate CCD, and certain Dental PDF notes from MHS GENESIS.

Redesign of DoD Community Health Summaries Widget
The DoD Community Health Summaries widget is redesigned to look and function similarly to other widgets in JLV. This provides a more consistent data display and functionality, including the ability to add documents to the report builder. For a period of time, the former and new Community Health Summaries and Documents (CHSD) widgets will be available in JLV. This is an opportune time to note how quickly the new CHSD widget loads and to notice the improved widget design.

Agency Data Selection (DoD/VA)
The JLV settings dialogue box now has options to enable the selection of agency sources for widget data display. This provides the ability to improve both JLV performance and the relevance of the data displayed.

Free-text Filtering
The free-text filter provides the ability to narrow a result set to match the entered text. It works in conjunction with other filters to enhance the end user's ability to find the most relevant results.
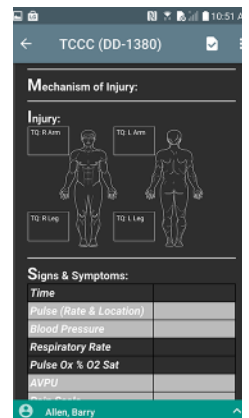
The JLV Information Portal
The JLV Information Portal provides JLV users in the DoD with a new source of targeted news, information, and training materials specific to JLV. A few of the items include release information, training videos, widget descriptions, and tip sheets. Check out the portal by clicking the Help button the next time you access JLV.

U.S. ARMY CONSIDERING MOBILE COMPUTING CAPABILITY FOR NETT WARRIOR

The U.S. Army will consider integrating the Mobile Computing Capability (MCC) into its Nett Warrior platform in 2019. Nett Warrior is an integrated situational awareness system that provides squad leaders with advanced capabilities for fast and accurate decision-making during combat operations. By integrating MCC, Nett Warrior allows soldiers to document medical encounters at the point of injury. Nett Warrior operates on the same commercially available smart phones on which MCC operates.
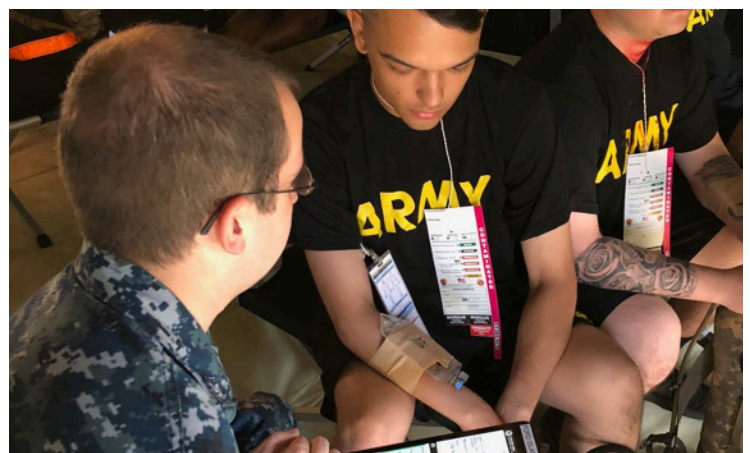
Both Nett Warrior and MCC utilize tactical radios for communication. The Army will use this capability to send records from the point of injury to the Theater Medical Data Store, making them visible in the electronic health record. Tactical radios will send patient encounters from one MCC device to another to provide necessary patient treatment information to transport teams and personnel at the next level of care. Using nightmode, soldiers can use MCC without burning all the power on their Nett Warrior device or increasing risk of enemy detection.

TCCC Nightmode

Did you know: The Mobile Computing Capability allows first responders to document patient status and treatments rendered at the point of injury.

End users test the Mobile Computing Capability at a training exercise.

DHMSM CONTINUES ACTIVITIES AT NEXT MHS GENESIS SITES

In October, the DoD Healthcare Management System Modernization (DHMSM) Program Management Office kicked off the Current State Assessment activities at the Wave 1 sites. These facilities included Mountain Home Air Force Base (AFB), Naval Air Station Lemoore, Travis AFB, and the U.S. Army Health Clinic Presidio of Monterey. During the visits, the Leidos Partnership for Defense Health (LPDH) gained an understanding of the existing clinical/business operations and technical inventory to inform the deployment plan by validating the scope of locations and services; identifying potential enterprise solution gaps; collecting unique technical requirements; and identifying change, adoption, and training requirements. This information is key to ensure a smooth technical transition to the new electronic health record.

Beginning in November, LPDH started Model System Reviews (MSR) at each facility. Results from the MSRs will assist in identifying gaps, enabling change adoption and addressing subsequent change management and training requirements.

PEO DHMS LEADERSHIP WINS WOMEN IN LEADERSHIP AWARD

In October, FedHealthIT honored Stacy Cummings, program executive officer, Program Executive Office, Defense Healthcare Management Systems and Dr. Lauren Thompson, director, Department of Defense/ Department of Veterans Affairs (VA) Interagency Program Office as recipients of the 2018 Leading for Impact, Women in Leadership Award. They received the awards during the Leading for Impact in Federal IT & Consulting, Women in Leadership Conference at the Women's Memorial in Arlington National Cemetery. This peer-nominated award recognizes women creating impact, leading organizations and mission-focused strategic programs across the federal technology, health, and consulting communities. Ms. Cummings served on an executive panel, sharing progress in driving disruption to positively impact the workplace. Dr. Thompson also participated in an panel alongside senior leadership from the VA, Veterans Health Administration, Department of Health and Human Services, Centers for Medicare and Medicaid Services, and the Defense Health Agency. She shared perspectives on change management and cultural transformation, as well as advice to emerging women in leadership on collaborative approaches for driving organizations to meet successful outcomes. Click here to learn more.

Photo courtesy of FedHealth IT

Dr. Lauren Thompson (center) speaks at the 2018 Leading for Impact, Women in Leadership Conference.

JOMIS RELEASES NEW DISTANCE LEARNING COURSES

Joint Knowledge Online (JKO) released new Medical Situational Awareness in the Theater (MSAT) and Theater Medical Data Store (TMDS) computer-based training (CBT) courses. This is part of a continuing effort by the Joint Operational Medicine Information Systems Program Management Office to expand operational medicine system training to provide medical leaders access to decision support tools, increase the use of electronic health records in theater, and decrease the use of paper forms.

The Defense Medical Readiness Training Institute mandated completion of the new MSAT CBT as a prerequisite for their Joint Medical Operations Courses (JMOC) – Basic and Advanced. Seventy percent of JMOC Advanced graduates deploy to combatant commands (COCOM), and will utilize this training just as several COCOMs begin initial implementation of MSAT. While U.S. Central Command and U.S. Southern Command have used MSAT for years, the remaining COCOMS will implement MSAT in 2019 in pursuit of global medical command and control and medical situational awareness capabilities.

MSAT combines data from multiple sources to provide COCOM surgeons and staff with a common medical operating picture, disease and non-battle injury information, and other decision support. TMDS is the online patient record repository for patient treatments at deployed locations.

NEW MSAT AND TMDS CBT COURSES

https://jkodirect.jten.mil/Atlas2/page/login/Login.jsf
Courses DHA-US424 TMDS and DHA-US425 MSAT

JOMIS recently led Medical Situational Awareness in the Theater classroom training to U.S. Forces Korea.

2018 ONC ANNUAL MEETING

In November, the Department of Defense/Department of Veterans Affairs Interagency Program Office (DoD/VA IPO) exhibited and briefed in the Office of the National Coordinator for Health Information Technology's (ONC) Annual Meeting. Dr. Lauren Thompson, director of the DoD/VA IPO, participated in a breakout session titled, "Achieving Seamless Care through Health Data Interoperability." She noted the importance of health IT and EHRs in delivering quality care to our beneficiaries. Ms. Yvonne Cole, co-lead of DoD/VA IPO's Interagency Coordination Division, joined Dr. Thompson to discuss the departments' recent progress to enhance interoperability through metrics and analytics.