

2026
DEFENSE HEALTH INFORMATION
TECHNOLOGY SYMPOSIUM

AUGUST 11-13, 2026
HYATT REGENCY NEW ORLEANS
NEW ORLEANS, LA

Operational Medicine: Chasm of EHR Modernization and Way Ahead Panel Discussion

COL Peter Huynh, G-6 Director, U.S. Army Office of the Surgeon General

Mr. Matthew Brumley, Chief of Staff, JOMIS

Mr. Justice Sakyi, Chief, AFOMIS

CDR Jacob Cole, Director, Health Informatics, US Navy Bureau of Medicine and Surgery



Agenda

- 1** Introduction
- 2** The Current Operational EHR Landscape
- 3** Strategic Modernization Priorities
- 4** Capability Gaps, Barriers & Risks
- 5** The Way Ahead: Roadmap Toward Full Modernization

Moderator – COL Peter V. Huynh



COL Peter V, Huynh

G-6 Director,
U.S. Army Office of the Surgeon General

Colonel Peter V. Huynh serves as the Director of Health Information Technology and G-6 for the U.S. Army Office of the Surgeon General and U.S. Army Medical Command. He leads enterprise integration of Army Medicine's digital health capabilities supporting readiness and operational requirements for 1.1M Service Members. As the G-6, he drives Army Medicine and The Surgeon General's digital transformation priorities to support operational medicine and deliver combat ready care.

Over a 30+ year career, COL Huynh has held senior leadership roles including CIO, CTO, CDO, IT Director, and Portfolio/Program Manager, delivering enterprise solutions across military medical organizations in the U.S., Europe, and the Middle East. He is a published author, national speaker, and consultant to The Surgeon General, known for leading large-scale organizational change and technology-enabled improvements across Army Medicine. He is a proud father with two kids. He is an avid outdoors person and enjoys traveling, golfing, scuba diving, and snowboarding.

Certifications: CDH-E, FACHE, FHIMSS, CHCIO, CPHIMS, PMP, CISSP, LSSBB

Panelist – Mr. Matthew F. Brumley



Mr. Matthew F Brumley

Chief of Staff,
Joint Operational Medicine Information Systems (JOMIS)

Mr. Matthew Brumley is the chief of staff for the Joint Operational Medicine Information Systems and oversees the customer care & relationship management team that facilitates collaboration between JOMIS, the services, and other key stakeholders.

Mr. Brumley is a technical subject matter expert with more than 25 years of information technology experience, including more than 16 years working for JOMIS and the Defense Health Agency. He served JOMIS as the principal solutions architect and SME, providing expertise for and building relationships with Department of Defense Combatant Commands on deploying Theater Medical Information Program-Joint systems, Medical Situational Awareness and Medical Command and Control. He has also worked directly with the JOMIS chief engineer and the JOMIS chief health information officer to provide direction and guidance on the future of operational systems, including overall technical architecture/data flow and integration planning of MHS GENESIS-Theater into the Theater Medical Data Store and Medical Situational Awareness in theater applications.

Mr. Brumley holds a Bachelor of Science degree in Computer Information Systems from Regis University in Denver.

Panelist – Mr. Justice M. Sakyi



Mr. Justice M. Sakyi

Chief,
Air Force Operational Medicine Information Systems (AFOMIS)

Mr. Justice M. Sakyi, Chief of AFOMIS and Theater Health IT Policy (HAF/SG6), advises the Air Force Surgeon General on global medical support and health information systems. He oversees worldwide Air Force Medical Service operational IT, including resource allocation, deployment IT decisions, and the development of plans and procedures that support medical missions across all theaters.

Mr. Sakyi serves as the Air Force voting member on the Operational Medicine Information Technology Steering Committee (OpMed ITSC), providing strategic oversight and representing the Air Force on all Operational Medicine IM/IT requirements funded by the Defense Health Program. Justice is a retired Air Force Medical Service Corps officer with an IT/IM specialty. His career includes roles in healthcare systems engineering, medical simulation program management, information sciences research, hospital administration, and IT and resource management.

Mr. Sakyi holds a Bachelor of Science in Management from National-Louis University, a Master of Business Administration from National-Louis University, a Master of Science in Information Systems from American University, Washington DC.

Panelist – CDR Jacob H. Cole



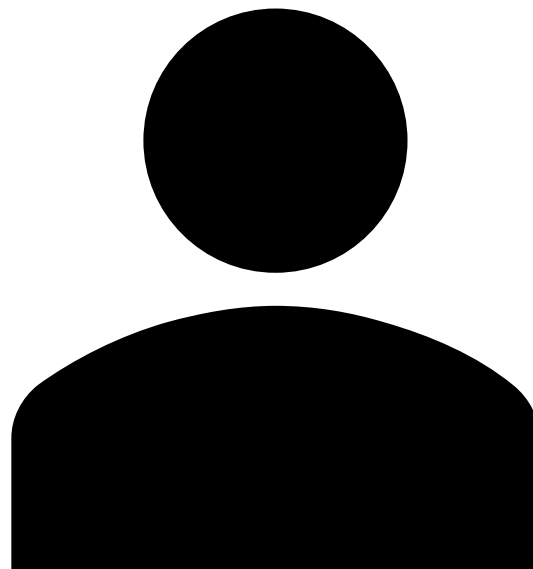
CDR Jacob H. Cole

Director, Health Informatics
US Navy Bureau of Medicine and Surgery

CDR serves as the Director of Health Informatics at the US Navy Bureau of Medicine and Surgery. As the chief informaticist for the US Navy, he is responsible for leveraging data and technology to improve the health and readiness of sailors and marines worldwide. He has been awarded the rank of Associate Professor of both Anesthesiology and Military & Emergency Medicine at USU. His research interests include the use of emerging technologies in both clinical care and healthcare education, as well as trauma resuscitation and advanced noninvasive hemodynamic monitoring. He has published over 30 scientific manuscripts on various topics including the use of artificial intelligence to enhance education, translational animal model optimization and novel airway management devices.

CDR Cole has achieved board certification in both anesthesiology and critical care medicine from the American Board of Anesthesiology. He has received a Master of Public Health from Purdue University and a Master of Business Administration from Brenau University. He is a qualified Fleet Marine Force Warfare Officer, and his personal decorations include the Meritorious Service Medal, Navy and Marine Corps Commendation Medal (four awards), Army Commendation Medal, the Navy and Marine Corps Achievement Medal, the Joint Service Achievement Medal, as well as various unit and service awards. He graduated with merit from the US Naval Academy with a Bachelor of Science in Chemistry.

Panelist – LTC Pablo A. Cercenia Jr



LTC Pablo A Cercenia Jr

Assistant Chief of Staff G6

18th Theater Medical Command

LTC Pablo A. Cercenia Jr. serves as the Assistant Chief of Staff, G-6 for the 18th Theater Medical Command, leading digital modernization, cybersecurity, theater communications, and operational medical IT integration across the Indo-Pacific. He enables joint force medical readiness in one of the military's most complex operational environments.

He previously served in senior leadership roles including CIO/CTO at Landstuhl Regional Medical Center, CIO/S6 for MEDDAC-K and the 65th Medical Brigade, and Chief of Cybersecurity at Tripler Army Medical Center. His operational experience includes Brigade Medical Operations Officer, Company Commander, BN Medical Operations Officer, HISO, and Deputy G-1 across the 25th ID, 3rd ID, and 18th MEDCOM (DS). He also served as an Administrative Fellow at the University of Washington Medical Center and is a graduate of the Army-Baylor MHA program.

His personal decorations include the Bronze Star Medal; Meritorious Service Medal; Army Commendation Medal; Army Achievement Medal; Army Reserve Components Achievement Medal; National Defense Service Medal; Iraq Campaign Medal with Campaign Star; Global War on Terrorism Service Medal; Korea Defense Service Medal; Armed Forces Service Medal; Humanitarian Service Medal; Army Service Ribbon; Overseas Service Ribbon; and the Army Reserve Components Overseas Training Ribbon. He holds the Army Mountaineer Badge, Expert Field Medical Badge, Parachutist Badge, and Air Assault Badge. He was recognized as the 2020 Army Mercury Award Health Information Technology Officer of the Year.

Learning Objectives

1. Explore past efforts and lessons learned adopting a tactical electronic health record.
2. Understand the current operational medicine EHR landscape by identifying gaps, challenges, and capability limitations that create the “chasm” between EHR systems used at various roles/echelons of care.
3. Describe key modernization priorities, including interoperability, data standardization, operational readiness, and real-time decision support—and explain how they shape the future EHR ecosystem.
4. Analyze JOMIS modernization initiatives support joint force medical operations and enable more seamless continuity of care from point of injury through definitive care.
5. Evaluate operational medical workflows under modernized EHR systems, focusing on how improved data exchange, mobile/low-connectivity solutions, and integrated medical devices can enhance provider performance in contested or austere environments.
6. Propose a roadmap for way-ahead actions, incorporating modernization guidance from Army Medicine and DHA, to strengthen interoperability, enhance medical readiness, and accelerate adoption of next-generation operational medical EHR capabilities.

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