

BATDOK BATTLEFIELD ASSISTED TRAUMA DISTRIBUTED OBSERVATION KIT

FACT BOX

- BATDOK® assists medical providers in performing the most critical mission: making sure our service members come home alive.
- BATDOK® captures crucial information of patient care (e.g., injuries, treatment, procedures) providing actionable information for the acting care providers.
- BATDOK® can operate completely standalone, not requiring any internet connectivity, but is able to transmit data across datalinks to treatment facilities.

WHAT IS IT?

BATDOK®, a fit-for-purpose, mobile capability designed for medical missions, is revolutionizing point-of-injury care throughout the Department of Defense. Developed by AFRL, the technology has undergone rigorous testing with end users such as combat medics, ground surgical teams, and transport personnel, who have offered invaluable feedback to the development teams.

BATDOK® is a part of 711th Human Performance Wing, Product Development Branch whose mission is to deliver rapid and field ready solutions to the warfighter through innovation and engineering expertise.

BATDOK® gives medical providers the ability to record essential data, including injury types and treatment details, by digitally logging them on mobile devices. Featuring user-friendly touch buttons, it provides medical providers with a rapid and efficient method to document observations and actions.

In 2022, the tool was selected by Joint Operational Medicine Information Systems' (JOMIS) point-of-injury and en route care solution for DoD Operational Medicine. Currently, AFRL and JOMIS collaborate to enhance this capability for deployment across all DOD services.

Modernizing patient care using digital means versus traditional paper records, BATDOK® proves effective patient documentation across the entire continuum of care. From battlefield scenarios and patient evacuations via air transport to permanent care facilities, BATDOK® tailors its interface to meet provider needs.

HOW DOES IT WORK?

BATDOK® replaces traditional paper and pen records, making it valuable across diverse healthcare settings. From the battlefield to patient evacuation and air transport to permanent care facilities.

Its customizable reference library offers quick access to life-saving clinical practice guides, standard operating procedures, and career field handbooks.

BATDOK® includes decision support tools and a plug-n-play framework that aids medical personnel in high-stress, high-tempo environments with on-demand assistance.

Designed for the joint medical community, BATDOK® accommodates a wide range of medical sensors, enabling wireless streaming of patient vitals for display monitoring and documentation use.

While BATDOK® operates without internet connectivity, it can utilize available network resources to securely transmit encrypted data, enhancing information flow to medical facilities and bolstering situational awareness for logistics planning.

Through collaboration with the joint medical community and rigorous field evaluations, the AFRL BATDOK® team continuously enhances patient care with digitized documentation and decision support, benefiting our nation's wounded warriors.



Various interfaces, sensors and codes that enable the Battlefield Assisted Trauma Distributed Observation Kit, or BATDOK™, are displayed at Wright-Patterson Air Force Base, Ohio, April 28, 2020. (U.S. Air Force photo / Wesley Farnsworth)