

Armed Forces Health Longitudinal Technology Application (AHLTA)

Executive Summary

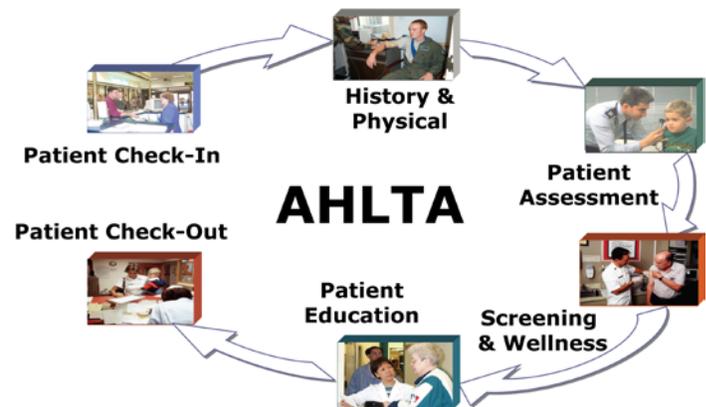
- The Army Test and Evaluation Command (ATEC) and the Army Medical Department Board (AMEDDBD) conducted an FOT&E to verify the correction of deficiencies associated with the Dental Readiness Classification (DRC) functionality from October 20 - 31, 2008, in typical operational environments at three dental clinics.
- Of the 4,718 DRC transactions observed during the FOT&E, 4,685 (99.3 percent) were successful. The results exceeded the 99 percent threshold criterion for Medical Status Reporting.

System

- The Armed Forces Health Longitudinal Technology Application (AHLTA) is a Major Automated Information System that is designed to be used in military medical treatment facilities worldwide to support patient care. AHLTA is an enabler to the DoD's Force Health Protection Initiative.
- AHLTA is designed to integrate multiple commercial off-the-shelf medical products and introduce new techniques and procedures for recording patient encounters. It is designed to standardize medical and dental information and make it immediately available to military health care professionals worldwide.
- The system is designed to manage and record patient encounters, enable calculation of third-party billing, and perform or integrate various clinical operations that include order entry, order monitoring, and results retrieval.
- AHLTA consists of three major functional blocks:
 - Block 1 provides outpatient encounter documentation, order entry, and medical information retrieval.
 - Block 2 integrates medical, dental, and optometry information.
 - Block 3 was to replace legacy capabilities for pharmacy, laboratory, anatomical pathology, and radiology; individual

Activity

- ATEC and AMEDDBD conducted FOT&E to verify the correction of deficiencies associated with the DRC functionality from October 20 - 31, 2008, in typical operational environments at three dental clinics: Budge Dental Clinic, Fort Sam Houston, Texas; Naval Hospital Oak Harbor Dental Clinic, Oak Harbor, Washington; and 72nd Dental Squadron, Tinker AFB, Oklahoma.



medical readiness; and occupational health surveillance; however, the Milestone Decision Authority terminated the Block 3 effort on December 19, 2008, due to other competing priorities.

Mission

- The military health care providers equipped with AHLTA can create and maintain uniform, comprehensive, legible, secure, electronic health records for all beneficiaries of the Military Health System.
- A comprehensive, integrated electronic medical and dental record is critical to satisfy readiness requirements and provide quality health care services.

Prime Contractors

- Science Applications International Corporation (SAIC), Falls Church, Virginia
- Northrop Grumman Health Solutions, Chantilly, Virginia

Assessment

Testing was conducted in accordance with the DOT&E-approved test plan and was adequate to verify successful implementation of the corrections. During the FOT&E, the ATEC and AMEDDBD test team observed 4,718 DRC transactions, of which 4,685 (99.3 percent) were successful. The results exceeded the 99 percent threshold criterion for Medical Status Reporting.

Recommendations

- Status of Previous Recommendations. The Program Management Office has satisfactorily resolved the matters related to the DRC functionality. While it has made some progress, the Program Management Office has not yet adequately addressed the following recommendations:
 1. Continue to improve user friendliness and system response times of both the Medical and Dental modules in order to increase productivity and usability.
 2. Complete the implementation and operational test and evaluation of an Alternate Computing Facility.
 3. Examine the information assurance penetration test findings, determine the risk for each vulnerability, and mitigate those risks that are not acceptable.
- FY09 Recommendations. None.