

FY03 DON Pilot Project Summary

Project Name: Clinical Decision Support System - CDSS (#1192)

Command: Naval Hospital Jacksonville

Functional Area Manager (FAM): BUMED

Pilot Summary:

Data pertaining to high-risk patients in the Naval health care population resides in multiple systems within the DOD Composite Health Care System (CHCS) and is cumbersome to obtain. The Clinical Decision Support System (CDSS) solution provides Internet access to a centralized repository of CHCS data extracts that enables a hospital Primary Care Group (PCG) to identify, refer, and track enrolled populations and high-risk patients. This development effort enhances the PCG's ability to shift their focus from providing interventional services to administering more preventive services.

Business Value Added:

- Enhances the communication between PCMs and other health care support personnel to ensure proper follow-up and management of patients who need preventive/wellness services to sustain optimal health
- Provides automatic notification of emergency treatment for patients with high risk conditions
- Provides standardized reports for the identification of high-risk patients who may need preventative services.

Other Considerations:

- Initial CHCS data extracts focus on historical data for patients with diabetes, asthma, hypertension, and high cholesterol
- DoD Health Affairs plans to use the WLAN architecture developed by this project as the model for the DoD-wide HIPPA-compliant security architecture
- Extensible across the entire DON

Pilot Participants:

- Naval Hospital Jacksonville

Targeted Users:

- Primary Care Team personnel
- Clinical Department Head
- Hospital Executive Staff