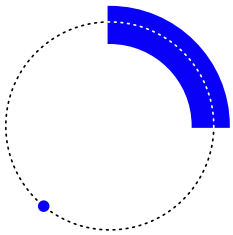
DSS INCORPORATED | THERADOC®

DSS TheraDoc Medical Device Interface

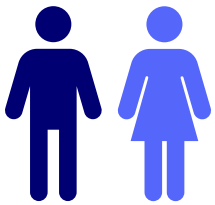
Over the years, the Department of Veterans Affairs has advanced its electronic health record system through widespread adoption of high reliability organization (HRO) practices and principles in partnership with trusted experts and their proven technologies.

Every patient that has a device inserted for medical care is at risk for a Hospital Associated Infection (HAI)



15-25%

of hospitalized patients are placed on short term urinary catheters [1]



>5 Million

Central Lines are placed in hospitalized and surgical patients per year [2]

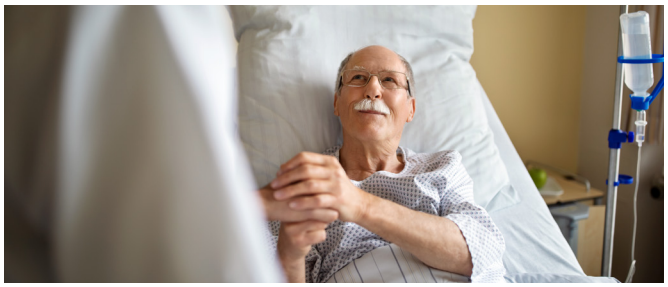
- Centers for Disease Control and Prevention noted that 1 in 31 patients in hospital facilities has an HAI
- HAIs in U.S. hospitals have direct medical costs of at least $28.4 billion each year
- HAIs account for an additional $12.4 billion in costs to society from early deaths and lost productivity [3]

HAIs are considered largely preventable. Health care data management is a struggle in all hospitals, including Veterans Affairs Medical Centers (VAMCs). Disparate health care systems within a single hospital creates siloed information. With the right insight provided by software data management tools, health care providers can deliver more effective treatment more quickly.

Track, monitor and report with TheraDoc's Medical Device Interface

DSS TheraDoc is a proven solution in over 60 VAMCs, including four Veterans Integrated Services Networks (VISN)-wide deployments, for more than 15 years to improve patient care and reduce hospital costs.

As DSS continues to deliver innovative health care technologies to assist clinicians in patient safety and better patient care, the **TheraDoc Medical Device Interface** is the Solution's newest hallmark designed to **track and monitor device insertions and removals, associate device presence with HAIs, and calculate device days for reporting to Inpatient Evaluation Center (IPEC).**



1. https://www.cdc.gov/infectioncontrol/guidelines/cauti/background.html
2. https://www.uptodate.com/contents/overview-of-central-venous-access-in-adults
3. https://www.cdc.gov/policy/polaris/healthtopics/hai/index.html

Features/Functionality

Full integration to the VA's Standardized Devices Note templates:

+ The VA's National Device-related nursing notes (VA Approved Enterprise Standard or VAAES Templates) are passively capturing device insertion and removals, as nurses complete their daily note. (Computerized Patient Record System or CPRS notes are created as usual).
+ Local device templates can also be integrated to passively capture device insertion and removals. For example, If ICU systems such as Clinicomp, which stand apart from VistA/CPRS, have their device-related nursing notes written back to CPRS and signed by nursing there, this data can be passively captured by TheraDoc.
+ Device data is sent to TheraDoc in real time upon note signing, eliminating any manual entry or device recording on Excel spreadsheets per unit.
+ Device data can be automatically linked to infections, for CAUTI, CLABSI and VAE.
+ Aggregate dashboards allow clinicians to track all patients and device type per unit, showing length of device presence, to encourage prompt removal when appropriate.
+ Monthly reports are automatically tabulated including Patient Day denominators and Device Days for easy reporting to IPEC.

Benefits

+ VA's Standardized Device nursing notes auto-populate device insertions and removals in real time in TheraDoc's Device Aggregate panels.
+ Infection prevention is aware of all devices in the hospital on one central aggregate dashboard.
+ Each unit no longer needs to create manual lists of devices nightly, as they can have access to their unit's TheraDoc devices dashboard.
+ Nursing can easily see and track device insertions and duration in the patient, since Nurse Driven Protocol for prompt removal is their responsibility.
+ Any infections that arise can be linked to the presence of a device to identify CAUTI, CLABSI or VAE's that are reportable.
+ Reporting to IPEC monthly is easy, with TheraDoc automatically calculating patient days denominators and device days.

Working Together For Those Who Serve Our Veterans

Document Storage Systems, Inc. (DSS) is a catalyst for health care innovation, keeping pace with evolving technologies as a solutions provider, solutions integrator, and services contractor to the Department of Veterans Affairs. DSS is committed to assisting VA in its High Reliability Organization journey and delivering care quality for Veterans by meeting top initiatives, changing regulatory requirements, and implementing enhanced business transformation across VA enterprise.

Premier Inc.'s TheraDoc® is a leading provider of electronic clinical surveillance to health care organizations across the country. Our mission is to deliver advanced informatics to help protect patients and maximize the performance of health care teams.

DIGITAL VERSION

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