



THERADOC®

HRO & VBC DATA SHEET

DSS, Inc. has been a catalyst for health care innovation for 30 years. With a focus on clinical and operational excellence, DSS is also continually focused on the future of the patient outcome and patient safety. For example, as the Veterans Health Administration has embarked on a journey to become an enterprise wide HRO, DSS is incorporating the key principles of HRO and VBC into the products and services it provides.

TheraDoc® is an advanced decision support tool that empowers clinical teams to adopt routines and workflows that align with HRO and VBC core principles. TheraDoc has proven to improve surveillance and patient outcomes.

TheraDoc helps Veterans Affairs Medical Centers operate as an HRO, focused on VBC principles by providing technology that empowers clinical teams to maximize patient safety, quality of care, and operational efficiency.

An **HRO** is an organization that experiences fewer than anticipated accidents or events of harm, despite operating in highly complex, high-risk environments. They are preoccupied with the processes and environment affecting patient safety, as well as how to improve patient safety outcomes.

VBC is a health care delivery model in which providers, including hospitals and physicians, are paid based on patient health outcomes. Under value-based care agreements, providers are rewarded for helping patients improve their health, reduce the effects and incidence of chronic disease, and live healthier lives in an evidence-based way.

TheraDoc functionality	Sensitivity to operations	Preoccupation with failure	Reluctance to simplify	Commitment to resilience	Deference to expertise
Real-time surveillance	●	●	●	●	
Tracking and trending capabilities	●	●		●	
Reporting and analysis	●	●	●		●

TheraDoc facilitates a VBC model by focusing clinician workflows on value-based reports and outcomes.

- Example: Tracks medication days of therapy as a rate that can be used as an objective comparison to other facilities or national goals
- Example: TheraDoc associates triggered alerts to pharmacist-documented activities

Workflows not Functionalities

- TheraDoc is used as an end-to-end workflow tool
- This centralizes and standardizes routines and processes, making TheraDoc a "hub" that encourages clinical teams to operate as a high reliability organization with value-based care

TheraDoc – Value-Based Care | Return on investment

- Optimizes reporting time for health care-associated infections by providing a comprehensive infection prevention surveillance, documentation and reporting tool. TheraDoc has been demonstrated to cut National Healthcare Safety Network reporting time by 90%
- Aids decision support, showing a 27% reduced median time to appropriate therapy
- Incremental cost savings of \$1,469,907 in the first year of TheraDoc use at Good Shepherd Medical Center
- 80% reduction in bloodstream infection surveillance time at John Hopkins Hospital
- 32% fewer antibiotics prescribed inappropriately for acute respiratory tract infections. A randomized controlled trial published in the Journal of the American Medical Association measures the added value of TheraDoc when coupled with community intervention

