

FACT SHEET

ANTICOAGULATION THERAPY MONITORING (COAGCLINIC)



CoagClinic provides a comprehensive web based approach and documentation of anticoagulation therapy that is currently not available in Composite Health Care Systems (CHCS/AHLTA), or projected Enterprise Genesis Systems. CoagClinic provides a focused safety tracking system that is readily transferred to a patient encounter enhancing continuity of care, and decreasing untoward events.

The CoagClinic application is an Acquisition Category (ACAT) level III program currently in the Operations and Support acquisition life cycle phase. The program reached Full Operational Capability (FOC) in July 2014. The user base consists of Military Treatment Facility (MTF) Anticoagulation Clinic staff. The CoagClinic application is actively being used at 22 major locations. The current CoagClinic Program Sponsor and Clinical Proponent is San Antonio Military Medical Center (SAMMC), Cardiology Clinic.

Background:

Patients are exposed to pharmacologic agents that may increase the risk of life-threatening spontaneous hemorrhage when not tracked or managed safely, effectively, and appropriately. Venous thromboembolism (VTE) is a serious and often fatal medical condition with increasing incidence; well-managed warfarin therapy reduces the risk of adverse events including recurrent venous thromboembolism and strokes. In the past few years, there has been a paradigm shift using direct-acting oral anticoagulants (DOACs) that need monitoring due to inherent risks of bleeding. In response to an increase in adverse events related to these widely prescribed medications, the Joint Commission has mandated additional requirements, rationale and references under the National Patient Safety Goal (NPSG.03.05.01), reduce the likelihood of patient harm associated with the use of anticoagulation therapy. In July 30, 2019, The Joint Commission provided a Sentinel Event Alert to all accredited hospitals, critical access hospitals, nursing care centers, and medical center to modify high-risk medications and complex dosing polices and associated risk factors.

Key Benefits

- ▶ Meets the TJC NPSG 03.05.01 requirement to track, monitor and evaluate anti-coagulation therapies for safe practices due to high risk of bleeding
- ▶ Supports the identification and management of patients on anti-coagulation therapies across MTFs
- ▶ Captures healthcare treatment information assisting providers in monitoring Coumadin therapeutic levels
- ▶ Provides a standardized documentation and reporting capability supporting Coumadin Clinics

Key Features

- ▶ Stakeholders include cardiologists, nurses, licensed vocational nurses, medical technicians and pharmacy doctors who manage patients on anticoagulation therapy and the Information Technology staff supporting the local information management services
- ▶ CoagClinic is listed as a system in sustainment in the Defense Health Program System Inventory Tool (DHP-SIRT)