

Infusion Therapy Manager (ITM)

Delivering Innovation for Ordering Infusion Therapy

Patients and clinicians deserve a more intuitive innovation for ordering infusion therapy

Infusion Therapy Manager (ITM) is a web-based decision support tool that manages evidence-based protocols as part of an intuitive workflow for the ordering of infusion therapy across multiple medical specialties.

ITM is an enhanced version of the Veterans Health Information System Technology Architecture (Vista) Chemotherapy Manager or VCM legacy application used by more than 40 VA health care facilities. It provides better Vista integration for drug order entry, improved safety features, and expanded workflow options to support best practices aligned to High Reliability Organization or HRO principles of the Veterans Health Administration. ITM utilizes industry standard formulas to ensure accuracy in weight base medications that also help in the management of medication waste. Clear and concise treatment plans display according to the order of administration. Based on Key Performance Indicators, users reported the following:

- Dose calculation with protocol validation improved from 1.5 hours to 20 – 30 minutes
- Decrease in patients wait time by 15 – 30 minutes
- Pharmacists' workflow completion improved from 1- 2 hours to 30 – 45 minutes
- Nurses report ease in use as well as meeting their needs

Experience the ITM difference

- Collaborative workflows for Fellow Oncologist, Verifying Pharmacists, Nurses and Releasing Pharmacist
- Real time clinical warnings
- Eliminates human error through dose calculation automation
- Evidence based treatment plans

- Accurate dose calculations
- Order checks

Treatment plans and clinical decision support

- Ease in Order Entry
- Treatment plan templates
- Consistent pre/post meds
- Standardized regimens and clinical workflows



Improved nursing workflows

- Clear and concise orders for verifications
- Printable comprehensive drug orders
- Patient 'Ready to Treat' flags
- Order status notification through Order Verified, Order Signed, Order Rejected, Medication Released
- BCMA Interface to easily administer standardized treatments
- Nursing Module (2023)
- Patient Scheduling

Streamlined pharmacy orders

- Flexible order editing
- Requires providers to standardize/correct dosing via protocols
- User-controlled order release
- User cues according to role and required action

Additional Features

- + 508 compliant web application
- + Intuitive user interface
- + Flexibility in adding diagnosis
- + Clear display of Treatment Plan status – Active, Approved, Reviewing, Archived
- + Printable comprehensive drug order which includes the regimen, instructions, treatment schedule, and pharmacy worksheets
- + User cues according to role and required order action
- + Auto notification of unsigned TIU notes alerts provider and pharmacist
- + Access to template evidence-based treatment plans which can be accessed by multiple sites
- + Treatment plan visibility as the user proceeds through the ordering process

Document Storage Systems, Inc. (DSS) is a catalyst for health care innovation, keeping pace with evolving technologies as a solutions provider, systems 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.

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VERSION

M23-2004-08