



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. Using standardized workflows across multiple specialties of medicines, clinicians can create complex infusion therapies designed to safely and accurately order medications.

ITM provides improved Veterans Health Information Systems and Technology Architecture (VistA) integration for ease of drug order entry, enhanced safety features for accurate dosing, and expanded workflow communication options to align with the High Reliability Organization (HRO) principles of the Veterans Health Administration.

ITM uses industry standard formulas to ensure accuracy in weight-based medication dosing to help manage costs associated with waste.

Cycles of therapy in ITM present drug orders in planned sequence of administration to avoid omissions and errors.

ITM is an enhanced version of the VistA Chemotherapy Manager or VCM legacy application used by more than 40 VA health care facilities.

Experience the ITM difference

- Role-based workflows specific to facility clinician participation
- Clinical warnings specific to patients and therapeutics
- Mitigates risk of errors with automated dose calculations
- Ability to create a library of evidenced-based treatment plans
- VistA integration increases efficiency in order entry
- Standardized ordering process within clinical workflows
- Communication improved through order status notification:
 - › Cycle of therapy Saved, Signed, Verified, Rejected, Released
- Flexible order editing for dosing modifications
- User queues according to role and required action



Based on Key Performance Indicators, improvements are aimed in the following areas:

- User satisfaction
- Decrease in patients wait time
- Communication between pharmacy and provider for positive outcomes
- Accurate and verifiable dosing
- Data display for patient specific clinical decision-making

Clinical Return on Investment:

- Reduction in medication errors by providing links to standardized protocols and drug interaction alerts
- Reduction in medication waste through accurate dose calculations
- Standardization of orders that improves efficiency
- Real-time essential lab values and vital signs to support clinical decisions
- Ease of scheduling, rescheduling, and extending cycles of therapy
- Automated BSA and CrCl calculations
- Improved communication between clinicians to reduce delays in care
- Evidence-based treatment plans which can be shared across VHA sites in support of standardization

Additional Features

- + 508 compliant web application
- + Intuitive user interface
- + Supports multiple diagnoses across specialties
- + Printable comprehensive drug order which includes the regimen, instructions, treatment schedule, and pharmacy worksheets
- + Historical flowsheet for analysis
- + Customizable settings to specific VHA site practices

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Email: federalsales@dssinc.com | **Phone:** 561.284.7000 | **12575 U.S. Hwy 1, Suite 200, Juno Beach, FL 33408**
dssinc.com | **in DSS, Inc.**



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