



# DSS Oncology Solutions

**Providing innovative and effective  
Oncology solutions to multidisciplinary  
care teams while keeping Veterans at the  
center of highly reliable care**

Health care teams deserve efficient clinical workflows and collaboration in cancer treatment and prevention for overall excellent patient outcomes.

At DSS, our mission is to support the Department of Veterans Affairs and its medical centers toward improved clinical workflows to meet the needs of clinicians and care staff for overall patient safety and veteran care quality.

[DSSINC.COM](http://DSSINC.COM)

# Infusion Therapy Manager (ITM)

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 Systems 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.

The objectives of ITM are to prioritize patient safety through expertly engineered features and functionality to better support the clinical disciplines involved in the accuracy of ordering and administration of infusion therapy. Each VistA configuration presents unique challenges and DSS has focused its efforts on developing an application that can adapt to handling variations in drug files and dispensing rules.

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 are displayed 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

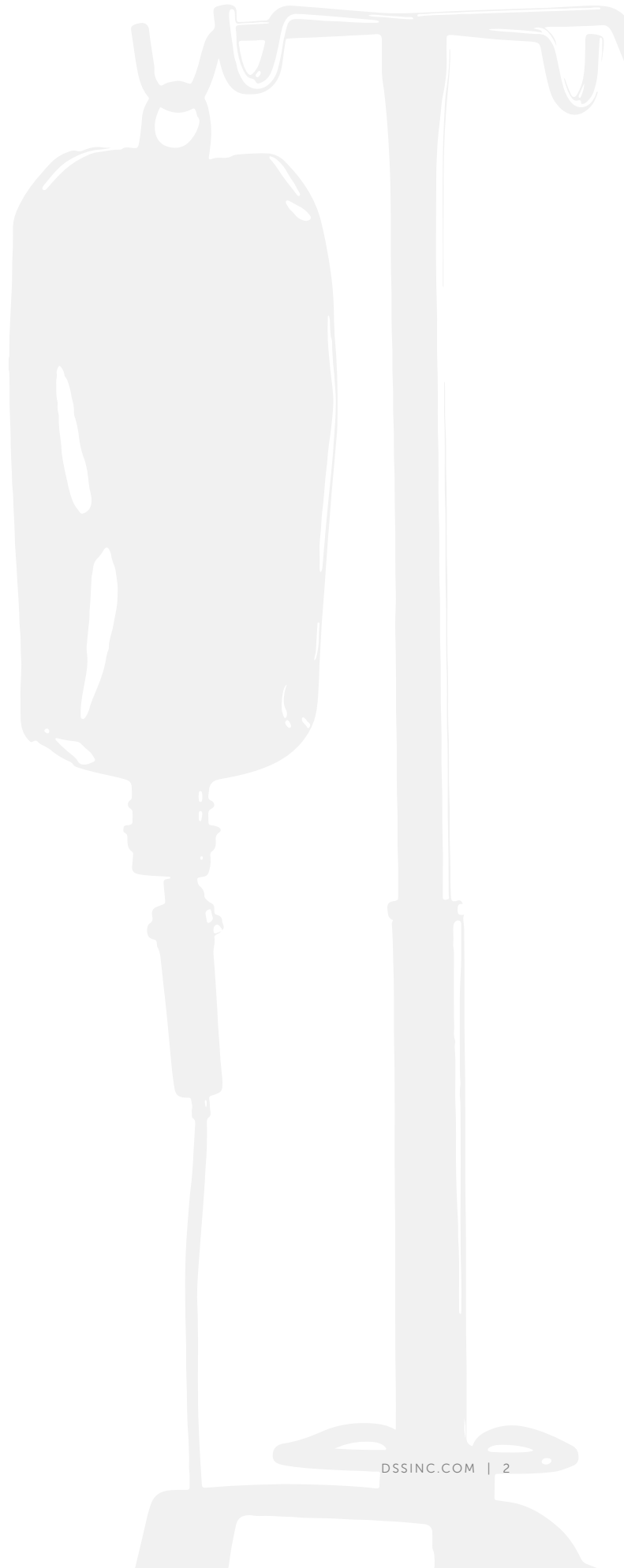
## **Streamlined Pharmacy Orders**

- 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

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- + 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





DIGITAL  
VERSION

M23-2071A-09



**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.

**For more information**

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