



# Velos Transplant

flexible total patient management for transplant centers

Caring for transplant patients is a complex process in which there is little room for error. Every detail matters, and each moment saved helps.

Velos Transplant is an encompassing disease management platform that supports the caregiving process at the point of care. It adapts to the way transplant caregivers think - by capturing and delivering information around all types of encounters related to pre-, peri-, and post-transplant. It facilitates patient and donor matching, and manages the entire transplant process with efficiency. Velos Transplant supports the heroes that are working daily to save patient lives.



## Velos Transplant Capabilities

- Captures and reports information for patient and outcomes management, and transplant program administration
- Continuously improves the quality and efficiency of care through the integration of user-defined treatment protocol guidelines
- Manages the general processes for multiple organ transplant procedures
- Integrates validation criteria (financial, clinical, psycho-social, etc.)
- Consolidates the transplant procedure with recipient and donor details
- Facilitates both recipient and donor organ registration and starts the clinical evaluation processes
- Manages wait list
- Integrates labs, medications, and coexisting histories into reports
- Maintains patient specific clinic schedules as well as any additional orders or tasks
- Automated UNOS forms data entry with linkage to Unet for electronic form submissions
- Automated alerts used to notify end users when defined parameters are reached

## Designed for Meaningful Outcomes

Velos Transplant is designed for outcomes-based reporting. Data are expressed in terms to facilitate various outcomes analyses, including patient and patient-group comparisons, severity and case-mix adjustments, as well as care-process assessments. Clinical information, orders, and notes are organized around clinical problems, enabling caregivers to better monitor and manage diabetes, hypertension, and other coexisting conditions.

## Total Patient Management

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Velos Transplant integrates:

- Patient information
- Insurance information
- Clinical information
- Orders
- Communications
- Schedules
- Automated Alerts

## Pre-Transplant Assessment

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Velos Transplant incorporates various pre-transplant assessment tools and modules to handle clinical evaluation office visits:

- Initial clinical evaluation
- Preoperative assessments
- Physical examinations
- Pre-transplant lab assessments
- Tracking of core End Stage Disease (ESD) indicators (MELD/PELD)
- Psycho-social assessments
- Semi-automated personalized referral letters
- Assignment to a waiting list based on the UNOS codes
- Assignment directly to a transplant and a given donor without wait-listing
- Report listing status and patients on different waiting lists for each organ
- UNOS candidate registration forms

## Capturing, Accessing and Managing Donor and Recipient Information

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Velos Transplant provides donor and organ information in an independent module. Using the initial search screens, the user can review lists of either donors or recipients to:

- Associate a donor to one or more recipients
- Associate a recipient to one or more donors
- Modify the amount of information required relative to cadaver versus living donors

### Parameters Captured:

- Demographics
- Co-morbidity
- Financial status
- Medication history
- Donor specific assessments
- Recovery information assessments
- Laboratory results
- Patient history
- Procedures
- Graft assessment
- Donor surgery
- Donor reports

## Managing the Wait List

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Because donors and their organs are scarce, organ allocation is supported with seamless integration of information (labs, medications, histories, substance abuse, etc.) to help identify patients best suited for the donated organs. All recipient and donor information is available for submission to various registries and agencies as needed for organ procurement and or donation.

## Managing the Transplant Procedure

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Velos Transplant's flexibility enables users to create workflows or protocols to be followed much the same as following a checklist. At any time throughout the data entry process users have availability to all other fields and modules within Velos to peruse or review pertinent data helpful in making patient centric decisions. At each stage, Velos provides key information including core indicators, co-existing diseases, medications, etc. While Velos provides the infrastructure for managing the transplant procedure, the specifics of each step can be modified and maintained by users at your center. Information includes the following:

- Intra-operative surgical procedures
- Pre-transplant parameters
- Immunosuppressive medications
- Post-transplant parameters
- Patient's condition at end of surgery
- Discharge codes and notes
- Blood usage
- Organ recovery assessment
- Surgeon assessment forms
- ICD-9/10 related diagnosis
- UNOS recipient registration

## Post-Transplant Management

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Designed in cooperation with some of the country's leading transplant facilities, Velos Transplant has successfully mapped the process of managing post-transplant patients. Its flexible interface provides all the tools for users to maintain or change the process according to practice preferences. Velos Transplant preserves data integrity to allow robust outcomes reporting and benchmarking, such as:

- Patient assessment
- Immunosuppressive history
- UNOS discharge form
- Psycho-Social Assessments
- Complications, Infections, rejections
- Graft status
- Biopsies
- Death certification
- Clinical data
- UNOS recipient form(s)
- Long-term patient status

## Automated Report Generation

**UNOS requirements:** Velos Transplant automates the capture and reporting of information specific to support UNOS requirements, with the flexibility to send reports directly to regional UNOS reporting centers. Velos maintenance features expedite data collection and collation as UNOS reporting requirements change.

**Blood monitoring of immunosuppressive regimen:** Provides the capability to closely monitor blood absorption levels and manage dosing levels according to individual patient requirements.

**Clinical Trials Reporting Program (CTRP):** Facilitate CTRP reporting with built-in tools that support CTRP data collection, data analysis (data quality reports) and submission. The process is expedited through the use of web services.

**Adverse reactions:** Monitor patient complaints and clinical parameters, which indicate adverse reactions to pharmacotherapy (e.g., immunosuppressants, ACE-inhibitors, steroids, etc.) and which, if severe, may lead to acute or chronic rejections.

**Acute vs. chronic rejections:** The onset of first reject post-transplant is a leading indicator for mean graft survival. Velos provides customizable reporting to closely monitor absolute and normal ranges for user-defined clinical parameters.

**Compliance:** One of the leading causes of transplant rejections is related to patient non-compliance to the immunosuppressive regimen. Velos provides the information to monitor patient compliance through online surveys, central pharmacy distribution, and telephone questionnaires. Additional compliance information can be stored in user defined questionnaires as well as reviews of lab results also captured and stored within the Velos Transplant application.

## Patient Assessment Guidelines

Velos is equipped with a guideline builder to create and modify assessment instruments triggered during patient encounters. Assessments are constructed to manage question-flow based on responses, creating a vehicle for guidelines to simultaneously collect structured data at the point of care and support treatment pathways. Several assessment instruments are already built into Velos Transplant and can be easily customized to meet specific user needs:

- Quality of Life Assessment
- Pre-transplant Assessment
- Post-transplant Assessment
- Periodic Assessment
- Complications Assessment

These as well as any additional user defined or customized assessments are fully integrated and can be automatically called upon in the patient care process workflow.

## Continuous Quality Improvement

Quality care depends on both the process of caregiving activities and their outcomes. Velos' integrated reporting engine measures clinical and economic outcomes. Its guidelines builder provides the tools to continuously improve care. Therefore, Velos Transplant is a powerful facilitator for continuous quality improvement.

***Take advantage of our free product evaluation and see for yourself the power of Velos.***

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