



Velos Renal

flexible, outcomes-based care management platform

As the number of renal patients skyrockets, hospitals, clinics and dialysis facilities require better ways to manage patient information. To be most effective, this information management should be designed with both patient encounters and staff workflow in mind.

Velos Renal is an encompassing disease management platform that supports the caregiving process at the point of care. It captures and reports information for both outcomes and business management. The platform is flexible allowing end users to adjust to practice preferences and user-defined treatment guidelines, while preserving data integrity. The resulting outcomes reporting and benchmarking comparisons make Velos Renal a powerful medium for continuous quality improvement of renal care and regulatory reporting.

It captures and reports information for both outcomes and business management, in support of general and pediatric nephrology, hemodialysis and peritoneal dialysis.



Designed for Meaningful Outcomes

Velos Renal is designed for outcomes-based reporting. Data are expressed in terms that 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.

Nephrology Management

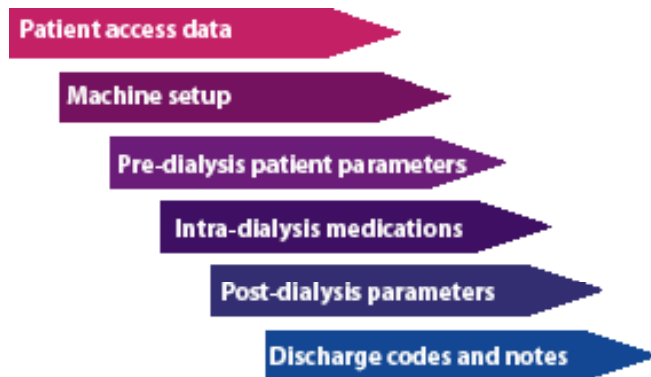
Velos Renal incorporates modules to handle adult and pediatric office visits. Various renal and pre-ESRD assessment tools are built into the user interface, including: physical examination, pre-ESRD lab assessments, tracking of core ESRD indicators and semi-automated personalized referral letters.

Dialysis Management

Working with leading dialysis facilities, Velos has successfully mapped the process of managing hemodialysis and peritoneal dialysis patients. Its flexible interface provides all the tools for users to maintain or change the process according to their practice preferences. In all cases, Velos Renal preserves the data integrity to allow robust outcomes reporting and benchmarking comparisons.

Process Guidance

During a hemodialysis session, Velos Renal guides the nurse or technician through the entire caregiver process, from machine setup, through the dialysis treatment and patient discharge. The system provides the user with quick access to information as it is needed. Velos follows the course of administering a dialysis treatment through the following stages:



At each stage of dialysis, key information from the patient's medical record is available to the caregiver through Velos Renal: core indicators, co-existing diseases, notes, medications, lab results, etc. are available to the caregiver for reference or the decision making process. The platform interfaces with major manufacturer dialysis machines, for easy dialysis treatment data collection. For further connectivity, the medication administration is integrated with the financial collection module. Velos Renal provides automated charge capture for financial patient management

and seamlessly integrates financial software and third party systems with labs, dialysis machines, and hospital systems, to support billing, charting and administrative decision-making. While Velos provides the infrastructure for managing dialysis, the specifics of each step can be modified and maintained by specified users at each center. This visibility and connectivity enables better, faster decision making for care teams.

Adaptable Patient Assessment Guidelines

Velos is equipped with a guideline or assessment builder to create and modify assessment instruments to be called-up per user-defined prompts during patient encounters. Guidelines can be logically constructed to manage question flow based on previous responses. This process supports treatment pathways and enables the collection of information at the point of care. Several assessment instruments are built into Velos Renal and can be easily modified by nurses, social workers, dieticians and other specified users, including: quality of life, pre-dialysis, intra-dialysis, periodic and complications.

Velos Extras

Included in Velos Renal are a series of calculators that help caregivers determine various levels of the patient's current state of health. This allows "on-the-spot" calculations for immediate patient care decisions:

URR Calculator – collects data already input into the Velos system either through automated interface with labs, etc. or manual input of this data

Kt/v Calculator – collects data already integrated into the Velos system via interface or manual input; makes calculations for both single and double pool calculations

PCR (Protein Catabolic Rate) Calculator – collects and stores pre & post BUN, UUN, treatment information, weight, etc., to calculate each patient's PCR; stores all logged values in a historical fashion for user access

Care Plans – collects and stores user-defined care plans including goals, actions, and interventions in a historical fashion; each element of the Care Plan can be associated with current problems or encounters and is stored historically for current, past, and discontinued plans

Workflow-Centered Dialysis

Velos Renal handles peritoneal dialysis encounters in much the same way it handles hemodialysis encounters. It uses a process-centered approach to help manage training, routine checkups, complications, exchanges, and care planning. Velos Renal also comes equipped with various peritoneal dialysis assessments, including: PET test, health assessments, compliance reports and complications.

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

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