

CyberREN

Renal care and hemodialysis charting

Automate and improve the management of kidney disease patients with DSS-CyberREN

To improve Veterans outcomes of renal care and dialysis treatment, it's critical to prepare reports and trend data efficiently as well as integrate dialysis treatment information with VistA for a complete patient view. To that end, DSS-CyberREN comprised of Chronic Kidney Disease, Hemodialysis, Transplant and Peritoneal Dialysis modules can be leveraged to integrate real-time data with workflow automation to coordinate and manage renal care and dialysis patient treatment.

DSS-CyberREN is a hemodialysis machine vendor neutral solution that can improve dialysis outcomes through the following functionality:

- Hemodialysis treatment data is automatically collected and exported to VistA in spreadsheets in a detailed or summary format
- Other forms of VistA integration, e.g. display of lab results, automated calculation of HD treatment efficacy parameters
- System of alerts ensures that all prescribed activities for the session are carried out
- Automatically alerts the caregiver to order parameters that have been modified since the last hemodialysis session
- Dialysis treatment scheduling functions
- CKD, Transplant and Peritoneal Dialysis modules to monitor all phases of kidney disease
- Automated generation of Quality Reports and outcomes audits

Experience the benefits of DSS-CyberREN

- + Faster, more accurate dialysis documentation
- + Improve Veteran outcomes of care with timely alerts
- + Decreased risk of costly errors due to paper charting
- + Instant reports available
- + Complete renal care solution

Functionality at a glance

- + Seamless integration with Computerized Patient Record System (CPRS)
- + Administrative and clinical status alerts
- + Real time notifications
- + VistA-based interoperability

Save time preparing for Veteran's dialysis sessions

In order to improve Veteran satisfaction and access to care, DSS-cyberREN allows technicians to document and prepare hemodialysis treatment equipment/dialysate baths in advance of the patient's arrival. By simply clicking on machine checks, DSS-cyberREN auto-enters the author and time stamp for the current user. DSS CyberREN allows users to access an overview or details of past treatments without wasting time flipping through paper-based charts.

Alerts

Timely alerts inform the caregiver about activities and related items that must be completed during the hemodialysis session in order to improve Veteran outcomes of care. The hemodialysis session record is automatically displayed at the start of each treatment and shows the user all items to be completed during the treatment (e.g. lab draws, meds to be given), in addition to the treatment itself. The caregiver can also see, at a glance, any order parameters that have been modified since the last hemodialysis session. DSS-cyberREN completely replaces handwritten notes and a tag system which may have been used with a classic paper record.

Orders

DSS-CyberREN has 'Day's Hemo Order' functionality to allow caregivers to quickly adjust and document a Veteran's current treatment prescription without affecting the long-term hemodialysis order. By generating a copy of the longterm hemodialysis order in every new treatment record, changes can be made for one session without affecting the active standing order.

Pre-dialysis charting

Improve the Veteran experience by allowing caregivers to complete pre-dialysis charting such as patient assessments, weight registration and hemodialysis access condition prior to the start of a dialysis session. In addition, by automatically collecting information such as dialysis start and stop times, blood pressures, pulse and dialysis start time directly from the dialysis machines caregivers can spend less time documenting information and more time focusing on the Veteran. This also reduces costly errors that can occur with hand written notes and paper charting.

Post-dialysis charting

Ensure chart completeness and ultimately Veteran care through DSS-CyberREN's mandatory patient discharge charting. This requires caregivers to document final patient weight, patient assessment, access condition etc. before the session can be set to "discharge" and the record closed. DSS-CyberREN will prompt users to enter any missing information.



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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.

Cybernius Medical Ltd. (CML) is focused on automating and improving renal healthcare delivery, and commits 100% of its resources to this end. CML continually engages in extensive R&D; more than 30% of CML revenues are invested back into product development. This operating philosophy has kept CML at the leading edge in the field, and has established cyberREN as a leader in Clinical Data Management in Nephrology.

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