

## A. 2009 Fourth Quarter Lab Data Collection.

The Fourth Quarter Lab Data Collection contributes to a consistent clinical database to assess patient outcomes and support improvement activities at Network 9/10 and facilities. The fourth quarter 2009 lab data elements consisted of:

- Pre and post BUN to calculate URR for adequacy management of HD
- Reported Kt/V for adequacy management of HD
- Reported weekly CrCl and reported weekly Kt/V for adequacy management of PD
- Hemoglobin for anemia management
- Serum Albumin and lab method for nutrition management
- Transferrin Saturation for anemia management
- Ferritin for anemia management
- Phosphorus for mineral metabolism management
- Calcium for mineral metabolism management

In the fourth quarter of 2009 (October, November and December), independent hemodialysis and

peritoneal dialysis facilities were asked to voluntarily submit to the Network lab data via Excel spreadsheets. Large dialysis organizations submitted lab data via data download to Network 11. Network 9 had approximately 97% of dialysis facilities voluntarily participating in the lab data collection. Network 10 had approximately 96% of dialysis facilities voluntarily participating.

The goals of the project were to:

- (1) increase the knowledge and awareness of the Fourth Quarter Lab Data Collection to Network 9/10 ESRD providers,
- (2) standardize the data collection process,
- (3) analyze the applicability of the data on facility and Network levels,
- (4) implement programs and projects that can be repeated on a facility and Network-wide level,
- (5) improve patient outcomes.

The Renal Network maintains a process to collect, analyze, and provide data feedback reports to facilities. Feedback reports describing the data collected will be prepared by ESRD Network 11 and

distributed in spring 2010. The reports will compare facility-specific outcomes to state and national outcomes. Aggregate information will be placed on the Network 9/10 Web site and the data will be reviewed by the MRB.

The fourth quarter lab dataset is reviewed each year by the MRB. Under the MRB direction, information is sent to the dialysis providers, along with resources to assist providers in improving their outcomes.

Interventions can include:

- Facility specific data collection and/or action plans
- Feedback reports
- Webex education workshops
- Tool Kit for anemia management
- Took kit for improving adequacy

The focus is on K/DOQI™ guidelines, facility outcome data, and

facility plans for improvement. Feedback reports are specifically targeted to medical directors, administrators and nurse managers. Multi-color reports display data in tables and charts.

Resources were developed specifically for this purpose and posted to the Web site, including tool kits for improvement of adequacy and anemia. Facilities were informed of their availability, and also about technical support activities available from the staff nurses in the Quality Improvement Department, through routine announcements and mailings.

This data is used when developing quality improvement initiatives for the coming year. It is also used when calculating facility profiles in the Facility Intervention Profiling System which is detailed in section E., Focused Intervention Activities.

The facility feedback reports will continue with the 2010 Fourth Quarter Lab Data Collection, pending CMS approval.