

ESRD NETWORK 13

Serving Arkansas, Louisiana & Oklahoma Renal Communities



Prescription and Delivery Audit Tool

BACKGROUND: Network 13 has developed a Network-wide Quality Improvement (QI) Plan to address adequacy of hemodialysis via the "Performance of Routine Delivery of Care Audits". A "Delivery of Care Audit" is defined as a performance review of delivered hemodialysis (HD) adequacy factors [e.g., Dialyzer, Blood Flow Rate (BFR), Dialysate Flow Rate (DFR), Duration, and Estimated Dry Weight (EDW)].

RECOMMENDATION: Each hemodialysis patient record should be audited at least twice per year to insure that patients are receiving dialysis treatments as prescribed. This activity should augment ongoing facility-specific QI activities or assist in the development of QI plans by identifying and addressing any problems seen during the performance of the audits.

General Instructions for Audit Tool:

Prescription:

Patient Name: FILL in patients first and last name.

Number of Treatments: RECORD the number of consecutive treatments prescribed for this patient, (i.e., 3= times per week; 6 = daily treatments).

URR \geq 65 or Kt/V \geq 1.2 (Yes/No): Use drop down box to choose Yes/No

Change in RX (Yes/No): Use drop down box to choose Yes/No

Dialyzer: type of dialyzer prescribed.

Blood Flow Rate (BFR): Prescribed BFR. If the ordered BFR is a range (i.e., 300 – 400), then use the minimum flow rate.

Dialysate Flow Rate (DFR): Ordered DFR.

Duration: Ordered treatment time in minutes only

Estimated Dry Weight (EDW) Ordered EDW. No range of EDW is acceptable.

Delivery:

Dialyzer: "y" if patient dialyzed on ordered dialyzer, "n" for incorrect dialyzer used. Record reason in Comment section. If prescribed dialyzer was not available, but another dialyzer with the same co-efficient was utilized then answer "y".

BFR: "y" if BFR was obtained and maintained for at least 75% of treatment time, "n" if unable to maintain BFR. Record reason in Comment section. If the ordered BFR is a range, answer "y" if minimal blood flow was obtained for at least 75% of treatment.

DFR: "y" if DFR was set as ordered, "n" if improperly set. Record reason in Comment section.

Duration: "y" if 100% ordered Treatment time was delivered, "n" if treatment was shortened. Record reason in Comment section.

EDW: place pre and post weight in the appropriate cells. The post weight must be within 1 kg or 2.2 lbs (+/-) in order to be answered "y". The computer will generate the response for you.

Change in RX: MARK "y" or "n" if there was a change in prescription for this treatment. In order to calculate treatments correctly, there must be an answer for each treatment patient received.

Comments: As noted above, or to denote changes in prescription.

Interventions: Report problem(s) with delivery, and what is/are the intervention(s) to correct this problem.

***When using the computer discs, certain cells are protected due to formulas for calculation of percentages. ***

This tool is available on a compute disc to download. Certain cells contain formulas that are protected and designed to give individual delivery outcomes as well as overall facility score. Thos nurse managers without computer access may count the "y" and "n" to arrive at their scores. Each "y" equals 20 points or 20%. Example: 5 possible "y" answers equal 100%.

4200 Perimeter Center Drive Suite 102 Oklahoma City, OK 73112-2314
Phone: 405.942.6000 Main Fax: 405.942.6884 Data Fax: 405.942.6181
Web site: <http://www.network13.org> Email: info@nw13.esrd.net

Mission Statement: "To assess and improve the quality of care provided to individuals with End Stage Renal Disease."