

KIDNEY CARE QUALITY ALLIANCE

TO: KCQA Members

FR: KCQA Steering Committee (Ed Jones, MD-Co-Chair; Allen Nissenson, MD-Co-Chair; Akhtar Ashfaq, MD; Donna Bednarski, RN, MSN; Barbara Fivush, MD; Ray Hakim, MD, PhD; Jay-r Lacson, MD, MPH; Shari Ling, MD-CMS Liaison; Chris Lovell, RN, MSN; Tom Manley, RN, BSN; Gail Wick, MHSA, BSN, RN.)

RE: Recommendation for Fluid Management Measure Specifications

DA: November 4, 2014

As discussed on [our webinar/conference call on October 16](#), the Feasibility/Testing Workgroup has been working since early September to identify and specify 1-2 fluid management measures for KCQA's consideration, with the goal of submitting measures to the National Quality Forum for endorsement consideration. We have reviewed [that work](#) and recommend the following measures for your approval for the next step, which is measure testing:

- *FM2 – Post-Dialysis Weight Above or Below Target Weight*
- *FM7 – Avoidance of Utilization of High UFR (≥ 13 ml/kg/hour)*

Specifically, the Steering Committee recommends retrospective testing of FM2 and FM7 to assess the performance gap, validity, and reliability to meet the NQF criterion, as well as prospective testing in a small sample of facilities to identify implementation issues. Detailed specifications for both measures are provided as Attachment A.

We urge you approve this next step – retrospective and prospective testing for FM2 and FM7 – in the KCQA process. Balloting (with an opportunity for accompanying comments) will occur via a surveymonkey link to Lead Representatives following the webinar/call.

DRAFT MEASURE SPECIFICATIONS TABLE
10/23/14

ID	TITLE	DESCRIPTION	NUMERATOR	DENOMINATOR	EXCLUSIONS
FM2	Post-Dialysis Weight Above or Below Target Weight	Percentage of patients with an average post-dialysis weight ≥ 1 kg above or below the prescribed target weight in the reporting month.	Number of patients from the denominator with an average post-dialysis weight ≥ 1 kg above or below the prescribed target weight in the reporting month. Interpretation of Score: Lower score = better quality	Number of adult in-center hemodialysis patients in an outpatient dialysis facility undergoing chronic maintenance hemodialysis in the calculation period.	1. Age <18 years. 2. Patients in a facility <30 days. 3. Home dialysis patients. 4. <7 hemodialysis treatments in the facility during the month. 5. Facilities treating <XX adult in-center hemodialysis patients during the reporting month. ¹ 6. Patients without a completed CMS Medical Evidence Form (Form CMS-2728),
FM7	Avoidance of Utilization of High UFR (≥ 13 ml/kg/hour)	Percentage of adult in-center hemodialysis patients in the facility whose average UFR ≥ 13 ml/kg/hour.	Number of patients from the denominator whose average UFR ≥ 13 ml/kg/hour who receive an average of <240 minutes per treatment during the calculation period. Interpretation of Score: Lower score = better quality Additional Information: The average UFR is calculated for the treatments received in the calculation period, defined as the same week that the monthly Kt/V is drawn. The average UFR for the calculation period is calculated in the following manner: 1. The UFR is first calculated for <u>each</u> treatment in the calculation period as: $([Pre-Dialysis Weight - Post-Dialysis Weight \{in\ kg\} \times 1000 \text{ ml/kg}] \div Post-Dialysis Weight \{in\ kg\}) \div (Delivered Treatment Time \{in\ hours\ to\ 0.1\ based\ on\ minutes,\ as\ below\ })$ 2. The <u>average</u> UFR for the calculation period is then calculated by summing the UFRs for each treatment and dividing by the number of treatments in the calculation period: $(UFR_1 + UFR_2 \dots + UFR_x) \div (X \text{ treatments})$ The average treatment time is calculated as: $(Total\ Minutes\ Dialyzed\ During\ the\ Calculation\ Period) \div (Number\ of\ Treatments\ in\ Calculation\ Period)$	Number of adult in-center hemodialysis patients in an outpatient dialysis facility undergoing chronic maintenance hemodialysis in the reporting period.	1. Age <18 years. 2. Patients in a facility <30 days. 3. Peritoneal dialysis patients. 4. <7 hemodialysis treatments in the facility during the month. 5. Facilities treating <XX adult in-center hemodialysis patients during the reporting period. ¹ 6. Patients without a completed CMS Medical Evidence Form (Form CMS-2728),

¹ The Workgroup agreed to empirically determine the appropriate minimum number of patients empirically during testing.