

NQF-Endorsed® Renal Endorsement Maintenance Standards

Measure	Steward	Description
#0247: Hemodialysis Adequacy Clinical Performance Measure I: Hemodialysis Adequacy- Monthly measurement of delivered dose	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years old) HD patients in the sample for analyses with documented monthly adequacy measurements (spKt/V) or its components in the calendar month
#0248: Hemodialysis Adequacy Clinical Performance Measure II: Method of Measurement of Delivered Hemodialysis Dose	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years old) in-center HD patients in the sample for analyses for whom delivered HD dose was calculated using UKM or Daugirdas II during the study period and for whom the frequency of HD per week is specified.
#0249: Hemodialysis Adequacy Clinical Performance Measure III: Hemodialysis Adequacy--HD Adequacy-- Minimum Delivered Hemodialysis Dose	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years old) patients in the sample for analysis who have been on hemodialysis for 6 months or more and dialyzing thrice weekly whose average delivered dose of hemodialysis (calculated from the last measurements of the month using the UKM or Daugirdas II formula) was a spKt/V ≥ 1.2 during the study period.
#0250: Hemodialysis Adequacy Clinical Performance Measure III: Hemodialysis Adequacy- HD Adequacy CPM III: Minimum Delivered Hemodialysis Dose	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years old) patients in the sample for analysis who have been on hemodialysis for 6 months or more and dialyzing thrice weekly whose average delivered dose of hemodialysis (calculated from the last measurements of the month using the UKM or Daugirdas II formula) was a spKt/V ≥ 1.2 during the study period.
#0251: Vascular Access- Physician	Kidney Care Quality Alliance	Percentage of all ESRD patients aged 18 years and older receiving hemodialysis during the 12-month reporting year who have a functional AV fistula (defined as two needles used) or do not have such a fistula but have been seen by a vascular surgeon for evaluation for permanent access at least once during the reporting year

#0252: Assessment of Iron Stores	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years old) hemodialysis or peritoneal dialysis patients prescribed an ESA at any time during the study period or who have a Hb < 11.0 g/dL in at least one month of the study period for whom serum ferritin concentration AND either percent transferrin saturation or reticulocyte Hb content (CHr) are measured at least once in a three-month period for in-center hemodialysis patients, and at least twice during a six-month period for peritoneal dialysis patients and home hemodialysis patients.
#0253: Peritoneal Dialysis Adequacy- Measurement of total Solute Clearance at regular intervals	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years old) peritoneal dialysis patients with total solute clearance for urea (endogenous residual renal urea clearance & dialytic) measured at least once in a four month time period.
#0254: Peritoneal Dialysis Adequacy- Calculate Weekly KT/Vurea in the Standard Way	Centers for Medicare & Medicaid Services	<p>Percentage of all adult ≥ 18 years old) peritoneal dialysis patients who have:</p> <ul style="list-style-type: none"> • Weekly Kt/Vurea used to measure delivered peritoneal dialysis dose and endogenous renal urea clearance • Residual renal function (unless negligible [< 100 mL urine in 24 hours]) is assessed by measuring the renal component of Kt/Vurea and estimating the patient's glomerular filtration rate (GFR) by calculating the mean of urea and creatinine clearance • Total body water (V) estimated by either the Watson or Hume method using actual body weight, and BSA estimated by either the Dubois and Dubois method, the Gehan and George method or the Haycock method of using actual body weight, during the four month study period.
#0255: Measurement of Serum Phosphorus Concentration	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years of age) peritoneal dialysis and hemodialysis patients included in the sample for analysis with serum phosphorus measured at least once within month.

#0256: Hemodialysis Vascular Access- Minimizing use of catheters as Chronic Dialysis Access	Centers for Medicare & Medicaid Services	Percentage of patients on maintenance hemodialysis during the last HD treatment of study period with a chronic catheter continuously for 90 days or longer prior to the last hemodialysis session
#0257: Hemodialysis Vascular Access- Maximizing Placement of Arterial Venous Fistula (AVF)	Centers for Medicare & Medicaid Services	Percentage of patients on maintenance hemodialysis during the last HD treatment of month using an autogenous AV fistula with two needles
#0258: CAHPS In-Center Hemodialysis Survey	Agency for Healthcare Research and Quality	Percentage of patient responses to multiple testing tools. Tools include the In-Center Hemodialysis Composite Score: The proportion of respondents answering each of response options for each of the items summed across the items within a composite to yield the composite measure score. (Nephrologists' Communication and Caring, Quality of Dialysis Center Care and Operations, Providing Information to Patients) Overall Rating: a summation of responses to the rating items grouped into 3 levels
#0259: Hemodialysis Vascular Access - Decision-making by Surgeon to Maximize Placement of Autogenous Arterial Venous Fistula	Society for Vascular Surgery	Percentage of patients with advanced chronic disease (CKD4 or 5) or end- stage renal disease (ESRD) undergoing open surgical implantation of permanent hemodialysis access who receive an autogenous arteriovenous fistula (AVF).
#0260: Assessment of Health-related Quality of Life (Physical & Mental Functioning)	RAND	Percentage of dialysis patients who receive a quality of life assessment using the KDQOL-36 (36-question survey that assesses patients' functioning and well-being) at least once per year.
#0261: Measurement of Serum Calcium Concentration	Centers for Medicare & Medicaid Services	Percentage of all adult peritoneal dialysis and hemodialysis patients included in the sample for analysis with serum calcium measured at least once within month

#0262: Vascular Access- Physician (b)	Kidney Care Quality Alliance	Percentage of all ESRD patients aged 18 years and older receiving hemodialysis during the 12 month reporting year with a catheter after 90 days on dialysis who are seen by a vascular surgeon for evaluation for permanent access at least once during the 12-month reporting period.
#0318: Peritoneal Dialysis Adequacy-Delivered Dose of peritoneal dialysis above minimum	Centers for Medicare & Medicaid Services	Percentage of all adult (≥ 18 years old) peritoneal dialysis patients whose delivered peritoneal dialysis dose was a weekly Kt/Vurea of at least 1.7 (dialytic + residual) during the four month study period.
#0320: Patient Education Awareness - Physician	Kidney Care Quality Alliance	Percentage of all ESRD patients 18 years and older with medical record documentation regarding a discussion of renal replacement therapy modalities (including hemodialysis, peritoneal dialysis, home hemodialysis, transplants and identification of potential living donors, and no/cessation of renal replacement therapy) at least once during the 12-month reporting period. Measured once a year.
#0321: Peritoneal Dialysis Adequacy/Plan of Care	American Medical Association - Physician Consortium for Performance Improvement, Renal Physicians Association	Percentage of patients aged 18 years and older with a diagnosis of ESRD receiving peritoneal dialysis who have a Kt/V ≥ 1.7 AND patients who have a Kt/V < 1.7 with a documented plan of care 3 times a year (every 4 months) during the 12 month reporting period
#0323: Hemodialysis Adequacy/Plan of Care	American Medical Association, American Medical Association - Physician Consortium for Performance Improvement, Renal Physicians Association	Percentage of patient calendar months during the 12 month reporting period in which patients aged 18 years and older with a diagnosis of ESRD and receiving hemodialysis have a Kt/V ≥ 1.2 AND have a Kt/V < 1.2 with a documented plan of care
#0324: Patient Education Awareness - Facilities	Kidney Care Quality Alliance	Percentage of all ESRD patients 18 years and older with medical record documentation regarding a discussion of renal replacement therapy modalities (including hemodialysis, peritoneal dialysis, home hemodialysis, transplants and identification of potential living donors, and no/cessation of renal replacement therapy) at least once during the 12-month reporting period. Measured once a year.

#0369: Dialysis Facility Risk-adjusted Standardized Mortality Ratio (32) Level	Centers for Medicare & Medicaid Services	Risk-adjusted standardized mortality ratio for dialysis facility patients.
#0370: Monitoring hemoglobin levels below target minimum	Centers for Medicare & Medicaid Services	Percentage of all adult (>=18 years old) hemodialysis or peritoneal dialysis patients with ESRD >=3 months and who had Hb values reported for at least 2 of the 3 study months, who have a mean Hb <10.0 g/dL for a 3 month study period, irrespective of ESA use.
#0550: Chronic Kidney Disease, Diabetes Mellitus, Hypertension and Medication Possession Ratio for ACEI/ARB Therapy	Centers for Medicare & Medicaid Services	Medication Possession Ratio (MPR) for ACEI/ARB therapy for individuals with Chronic Kidney Disease (CKD) and/or diabetes mellitus and hypertension.
#0570: CHRONIC KIDNEY DISEASE: MONITORING PHOSPHORUS	Health Benchmarks, Inc, IMS Health	To ensure that members with chronic kidney disease but who are not on dialysis are monitored for blood phosphorus levels at least once annually.
#0571: CHRONIC KIDNEY DISEASE: MONITORING PARATHYROID HORMONE (PTH)	Health Benchmarks, Inc, IMS Health	To ensure that members with chronic kidney disease, who are not undergoing dialysis, are monitored for PTH levels at least once annually.
#0574: CHRONIC KIDNEY DISEASE: MONITORING CALCIUM	Health Benchmarks, Inc, IMS Health	To ensure that members with chronic kidney disease, but who are not on dialysis, are monitored for blood calcium levels at least annually.
#0626: Chronic Kidney Disease - Lipid Profile Monitoring	ActiveHealth Management	Percentage of patients with chronic kidney disease that have been screened for dyslipidemia with a lipid profile
#0627: Chronic Kidney Disease with LDL Greater than or equal to 130 – Use of Lipid Lowering Agent	ActiveHealth Management	Percentage of patients with chronic kidney disease and an LDL greater than or equal to 130mg/dl that have a current refill for a lipid lowering agent