Practice Guidelines for the Management of End Stage Renal Disease (ESRD)

MVP Health Care®, as part of its continuing Quality Improvement Program, adopted guidelines for End Stage Renal Disease (ESRD) based on the National Kidney Foundation's Kidney Disease Outcome Quality Initiative (NKF KDOQI™).

Statistics – Morbidity & Mortality

According to the United States Renal Data System’s (USRDS) 2015 Annual Report:

- In 2013, the adjusted incidence rate of ESRD cases was 351 per million population. The adjusted prevalence rate of ESRD reached 1,973 per million population.
- The all-cause adjusted mortality rate for ESRD patients was 95 per 1,000 patient years for ages 45-64 and 299 per 1,000 patient years for ages 75 and up.
- The rate of new ESRD cases due to diabetes is 152 per million population in 2013.


Guideline Summary

In 1997, the National Kidney Foundation began the Kidney Disease Outcome Quality Initiative (KDOQI) with a goal to create clinical management guidelines for health care professional for all stages of chronic kidney disease and related complications, from diagnosis to monitoring and management. The National Kidney Foundation has published numerous Clinical Practice Guidelines through its KDOQI process. Topics covered include:

Chronic Kidney Disease (CKD)
- Diabetes and Chronic Kidney Disease (Update 2012)
- Diabetes and Chronic Kidney Disease
- Anemia in Chronic Kidney Disease of Hemoglobin Target
- Anemia in Chronic Kidney Disease
- Chronic Kidney Disease: Evaluation, Classification, and Stratification
- Bone Metabolism and Disease in Chronic Kidney Disease
- Bone Metabolism and Disease in Children with Chronic Kidney Disease
- Hypertension and Antihypertensive Agents in Chronic Kidney Disease
- Managing Dyslipidemia in Chronic Kidney Disease
- Nutrition in Children with CKD
- Nutrition in Chronic Renal Failure

Dialysis Care
- Hemodialysis Adequacy (Update 2015)
- Peritoneal Dialysis Adequacy
- Vascular Access
- Cardiovascular Disease in Dialysis Patients

For all KDOQI Guidelines for Chronic Kidney Disease (CKD) Care and KDOQI Guidelines for Dialysis Care please go to the National Kidney Foundation website at: http://www.kidney.org/professionals/kdoqi/guidelines_commentaries.cfm#.

In conjunction with these guidelines, MVP Health Care offers Case Management for members with End Stage Renal Disease who are preparing for or receiving dialysis. If you would like to refer one of your patients to the Case Management program, please call the Population Health Management Department at 866-942-7966.

This guideline is not intended to replace the role of clinical judgment by the physician in the management of this, or any other disease entity. It is an educational guideline to assist in the delivery of good medical care. All treatment decisions are ultimately up to the physician. Where medication recommendations are made, please refer to each health plan’s formulary for coverage considerations.

MVP Health Care updates its clinical guidelines at least every two years. The review process is also initiated when new scientific evidence or national standards are published. Practitioners are alerted via the web site and by written notices from the plan via fax or newsletter. A hard copy of the clinical guideline can be requested by calling the MVP Quality Improvement Department at (800) 777-4793 extension 1-2247.