

## 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 2017, the adjusted incidence rate of ESRD cases was 370.2 per million in the US population. The crude prevalence rate of ESRD reached 2,204 per million in the US population.
- The crude mortality rate for ESRD patients was 137.2 per 1,000/year in 2017.
- The number of new ESRD cases due to diabetes was 58,372 in 2017.

*Source: United States Renal Data System. 2019 USRDS annual data report: Epidemiology of kidney disease in the United States. National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, 2019. Available: [https://www.usrds.org/2019/view/USRDS\\_2019\\_ES\\_final.pdf](https://www.usrds.org/2019/view/USRDS_2019_ES_final.pdf)*

### 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:

- Acute Kidney Injury (AKI)
- Anemia
- Bone Metabolism in CKD
- Cardiovascular Disease in CKD
- Classifying Chronic Kidney Disease
- Diabetes
- Glomerulonephritis
- Hemodialysis Adequacy
- Hepatitis C
- Nutrition in CKD
- Peritoneal Dialysis Adequacy
- Transplant

- Vascular Access

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#](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**.