

Chronic Kidney Disease (CKD)

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Care Pattern

CP-I

9000009 Patient(s) meeting the threshold of CrCl < 60ml/min, Cr >= 1.5mg/dL for women or Cr >= 2.0mg/dL for men, that had a serum calcium in last 12 reported months.

Patients with a glomerular filtration rate (GFR) less than 60 ml/min/1.73 m² should be evaluated for anemia and disorders of calcium and phosphorus metabolism (1,2). Expert consensus from K/DOQI guidelines recommend an annual calcium for patients with a GFR of 30-59 ml/min/1.73 m²; 2) a quarterly calcium for patients with a GFR of 15-29 ml/min/1.73 m² and; 3) a monthly calcium for patients with a GFR of less than 15 ml/min/1.73 m² or for patients on dialysis (2). The K/DOQI guidelines and consensus opinion of experts was the primary source of our recommendation for an annual serum calcium if the GRF is less than 60 ml/min, serum creatinine is 1.5 mg/dL or higher for women, or serum creatinine is 2.0 mg/dL or higher for men (2).

1. *K/DOQI clinical practice guidelines for chronic kidney disease: evaluation, classification, and stratification. Am J Kidney Dis 2002(suppl 1);39(2):S1-S281.*
2. *K/DOQI clinical practice guidelines for bone metabolism and disease in chronic kidney disease. Am J Kidney Dis 2003(suppl 4);42(4):S1-S201.*

CP-I

9000010 Patient(s) meeting the threshold of CrCl < 60ml/min, Cr >= 1.5mg/dL for women or Cr >= 2.0mg/dL for men, that had a serum phosphorus in last 12 reported months

Patients with a glomerular filtration rate (GFR) less than 60 ml/min/1.73 m² should be evaluated for anemia and disorders of calcium and phosphorus metabolism (1,2). Expert consensus from K/DOQI guidelines recommend the following: 1) an annual phosphorus for patients with a GFR of 30-59 ml/min/1.73 m²; 2) a quarterly phosphorus patients with a GFR of 15-29 ml/min/1.73 m² and; 3) a monthly phosphorus for patients with a GFR of less than 15 ml/min/1.73 m² or for patients on dialysis (2). The K/DOQI guidelines and consensus opinion of experts was the primary source of our recommendation for an annual phosphorus if the GRF is less than 60 ml/min, serum creatinine is 1.5 mg/dL or higher for women, or serum creatinine is 2.0 mg/dL or higher for men (2).

1. *K/DOQI clinical practice guidelines for chronic kidney disease: evaluation, classification, and stratification. Am J Kidney Dis 2002(suppl 1);39(2):S1-S281.*
2. *K/DOQI clinical practice guidelines for bone metabolism and disease in chronic kidney disease. Am J Kidney Dis 2003(suppl 4);42(4):S1-S201.*

CP-I

9000012 Patient(s) meeting the threshold of CrCl < 30ml/min, Cr >= 2.0mg/dL for women or Cr >= 2.5mg/dL for men, that had a serum PTH test in last 12 reported months.

Patients with a glomerular filtration rate (GFR) less than 60 ml/min/1.73 m² should be evaluated for anemia and disorders of calcium and phosphorus metabolism (1,2). Expert consensus from K/DOQI guidelines recommend the following: 1) annual PTH for patients with a GFR of 30-59 ml/min/1.73 m²; 2) a quarterly PTH for patients with a GFR of 15-29 ml/min/1.73 m² and; 3) quarterly PTH for patients with a GFR of less than 15 ml/min/1.73 m² or for patients on dialysis (2). The K/DOQI guidelines and expert opinion was the primary source of our recommendation for an annual serum parathyroid hormone (PTH) if the GRF is less than 30 ml/min, serum creatinine is 2.0 mg/dL or higher for women, or serum creatinine is 2.5 mg/dL or higher for men.

1. *K/DOQI clinical practice guidelines for chronic kidney disease: evaluation, classification, and stratification. Am J Kidney Dis 2002(suppl 1);39(2):S1-S281.*
2. *K/DOQI clinical practice guidelines for bone metabolism and disease in chronic kidney disease Am J Kidney Dis 2003(suppl 4);42(4):S1-S201.*