



2020 ANNA NATIONAL SYMPOSIUM

Symptom Clusters in CKD

Maya N. Clark-Cutaia, PhD, ACNP-BC, NYU Meyers College of Nursing, New York, NY

Eleanor Rivera, PhD, RN, University of Pennsylvania School of Nursing, Philadelphia, PA

Jennifer Scherer, MD, NYU School of Medicine, Department of Nephrology, New York, NY

Matthew Abramowitz, MD, Albert Einstein College of Medicine, Department of Nephrology, Bronx, NY

Gary Yu, PhD, NYU Meyers College of Nursing, New York, NY

Little is known about symptom characterization and clusters in the chronic kidney disease (CKD) patient population. It is well accepted that successful reduction in symptom burden in other chronically ill patients, i.e. cancer patients, has resulted in greater capacity to manage life-long conditions and improved quality of life. Individuals with chronic kidney disease, end-stage renal disease in particular, have symptom burdens on-par with cancer patients. We seek to gain a better understanding of symptom clusters and symptom phenotype characterization in CKD, with particular attention to the predictive value of symptom clusters and symptom phenotypes associated with CKD patient outcomes. To that end we conducted symptom cluster analyses on three samples of CKD patients for a total of 192 Stage 3-5 patients. The samples varied in age, ethnicity, and CKD etiology. The number of symptom clusters ranged from 3-5. Gastrointestinal and uremic symptoms were present in each site symptom cluster analysis. Future symptom clusters analyses should compare and contrast diverse samples to determine the ideal number and titles of symptom clusters. The ability to isolate common symptom clusters may inform the assessment and management of symptoms in clinical practice.

Abstract selected for presentation at 2020 ANNA National Symposium