Fibroblast Growth Factor 23 Associates with Death in Critically IIIPatients

David E. Leaf, ¹Edward D. Siew, ²Michele F. Eisenga, ³Karandeep Singh, ⁴Finnian R. Mc Causland, ¹Anand Srivastava, ^{1,5}T. Alp Ikizler, ² Lorraine B. Ware, ⁶Adit A. Ginde, ⁷John A. Kellum, ⁸Paul M. Palevsky, ⁹Myles Wolf, ¹⁰ Sushrut S. Waikar, ¹

¹Division of Renal Medicine, Brigham and Women's Hospital, Boston, MA

²Division of Nephrology and Hypertension, Vanderbilt Center for Kidney Disease and Integrated Program for Acute Kidney Injury, Vanderbilt University Medical Center, Nashville, TN ³Department of Nephrology, University of Groningen, University Medical Center Groningen,

Groningen, The Netherlands

⁴Department of Learning Hea

⁴Department of Learning Health Sciences and Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI

⁵Division of Nephrology and Hypertension, Center for Translational Metabolism and Health, Institute for Public Health and Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL

⁶Departments of Medicine and Pathology, Microbiology and Immunology, Vanderbilt University School of Medicine, Nashville, TN

⁷Department of Emergency Medicine, University of Colorado School of Medicine, Aurora, CO ⁸Center for Critical Care Nephrology, Department of Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA

⁹Renal Section, Veterans Affairs Pittsburgh Healthcare System and Renal-Electrolyte Division, University of Pittsburgh School of Medicine, Pittsburgh, PA

¹⁰Division of Nephrology, Department of Medicine, Duke Clinical Research Institute, Duke University School of Medicine, Durham, NC