Recently Published

Insufficient time to check out recently published articles in nephrology nutrition? In an effort to help keep our RPG members current, we reviewed the following articles from a variety of publications. We hope you find this list helpful and, as always, would appreciate your feedback and suggestions!


This observational cohort study wanted to identify a subset of patients at increased risk for adverse clinical outcomes with CKD-MBD biomarkers to assist in a predictive model of risk.


This observational study looked at survival of hemodialysis patients at various serum potassium levels and dialysate potassium concentrations and all-cause mortality.


This is a good review article of the current physiology of water balance. It describes genetic roles of water balance and potential targets for pharmaceutical agents to treat disorders of salt and water balance.


Dietary and fluid management is challenging in CKD impacting quality of life. This study summarized patients’ perspectives on diet and fluid restrictions to assist in patient education by looking at motivations for change and to view it as an adaptive journey.


Three study groups of consumption of cocoa flavanols (CF) (high flavanol, intermediate flavanol and low flavanol (LF) groups) were randomly assigned. This study looked at how CF consumption affected blood pressure, cognitive performance, and metabolic variables including insulin resistance.


This study looked at the relationship of fluid overload in advanced CKD and cardiovascular morbidity and all-cause mortality of patients. Fluid status was assessed using a bioelectric impedance spectroscopy method.

Rivara MB, Ravel V, Kalentar-Zadeh K et al. Uncorrected and Albumin-Corrected Calcium, Phosphorus, and Mortality in Patients Undergoing Maintenance Dialysis: JASN. Published online before print, January 22, 2015; accessed Apr. 4, 2015 http://jasn.asnjournals.org/content/early/2015/01/21/ASN.2014050472.abstract

This study assessed a large cohort of patients on dialysis (both hemodialysis and peritoneal dialysis) for CKD-MBD biomarkers (calcium, corrected calcium, phosphorus) and albumin levels on mortality risks.


Providing nutrition during dialysis is a controversial subject in the US. This is a review article on the current evidence regarding the effects of feeding during dialysis.

Guarnieri G. Carnitine in Maintenance Hemodialysis Patients; *J Ren Nutr*. 2015;25 (2) 169-175.

This is an overview of carnitine metabolism. It reviews the potential causes and clinical consequences of carnitine deficiency or insufficiency and reviews current evidence for supplementation.


This correspondence article provides an additional tool for education for CKD-MBD to patients to assist in education on phosphorus.


This study used questionnaires to evaluate outcomes for psychological interventions on IDWG and thirst.