

Special Issue

Hormonal and Nutritional Disorders in Kidney Failure

Message from the Guest Editors

The prevalence of protein-energy wasting (PEW) is relatively high among chronic kidney disease (CKD) patients, ranging from 11 to 54%. Thus, research on pathogenesis, prevention, diagnosis and treatment of PEW is crucial.

PEW accelerates the development of atherosclerosis, resulting in mortality in CKD patients due to cardiovascular disease, which is especially exacerbated during dialysis treatment.

In CKD patients, diabetes is a leading cause of renal impairment and end-stage renal disease. Another challenge facing the treatment of CKD patients is the development of proper dietary interventions before and during hemodialysis treatment, especially regarding protein intake. There are many diagnostic procedures for PEW evaluation in CKD patients. In clinical trials, strict recommendations are still lacking and there are significant discrepancies among obtained results, necessitating further study on this topic.

This Special Issue will focus on protein-energy wasting, sarcopenia, body composition, hormonal disorders such as testosterone deficiency, secondary and tertiary hyperparathyroidism and insulin resistance in chronic kidney disease patients.

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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