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A Nephro-Nutrition Approach in Patients with Chronic Kidney Disease on Dialysis

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Message from the Guest Editors

The incidence of PEW increases with the progression of CKD, although the presence of PEW is detected more frequently in dialysis and with a different nutritional profile depending on whether the patient with CKD is on hemodialysis or peritoneal dialysis. In the hemodialysis patient, protein loss is generally not going to be a problem, but the different hemodialysis techniques entail energy consumption that must be carefully monitored, although there may be mixed forms of malnutrition in hemodialysis or peritoneal dialysis, mainly if there is inflammation. The different hemodialysis schemes can modify the protein and fundamental energy requirements of patients. Preventing PEW, correcting inflammation, and adapting the different dialysis schemes together with nutritional intervention with oral nutritional supplements or intradialytic parenteral nutrition in hemodialysis, and the use of protein modules or complete formula without forgetting the supplementation in peritoneal dialysis bags, make the area of nephro-nutrition necessary within the integral care of patients in renal replacement therapy with dialysis.



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