



Ketogenic Dietary Therapies in Neurological Disorders

Guest Editors:

Prof. Dr. Anna Tagliabue

Human Nutrition and Eating Disorders Research Centre, Department of Public Health, Experimental and Forensic Medicine, University of Pavia, 27100 Pavia PV, Italy

Dr. Cinzia Ferraris

Laboratory of Food Education and Sport Nutrition, Department of Public Health, Experimental and Forensic Medicine, University of Pavia, 27100 Pavia, PV, Italy

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Message from the Guest Editors

Dear colleagues,

Ketogenic dietary therapies (KDT) are established, effective nonpharmacologic treatments for intractable childhood epilepsy and some neurometabolic disorders. Today there are several ketogenic dietary therapies (KDTs) used in neurology: the classic ketogenic diet, the medium-chain triglyceride diet (MCT), the modified Atkins diet (MAD), and the low glycemic index treatment (LGIT). In a few studies a very low calorie ketogenic diet (VLCKD) has also been used.

Although KDTs use in several neurological conditions is promising, understanding mechanisms underlying its efficacy and larger studies are needed for these diverse disorders. While ketosis remain a feasible indicator of dietary compliance, its relationship with clinical efficacy has not been completely clarified. This issue is aimed at collecting studies on a) emerging applications of KDTs in neurology and b) definition of the best dietary protocol and level of ketosis to implement in the different clinical conditions.





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Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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