

PhD in Biomedical Sciences

Research Area: 720 - Health

Title: Nutrition in long term Neurological Diseases

Background: The current knowledge is not unanimous and raises many doubts about the best clinical and therapeutic decision related to Nutrition in long-term Neurological Disorders despite the existence of guidelines for some of these specific contexts.

Objectives: The project “Nutrition in long-term Neurological Disorders” is an innovative and multidisciplinary project that aims to explore and expand nutrition-related knowledge in long-term neurological disorders to determine the best intervention for these pathologies.

Methodology: In this project, we aim to complete the following studies:

Study 1- Nutritional status and outcome of people with Dementia undergoing long-term enteral nutrition by endoscopic gastrostomy: a retrospective study.

Study 2- Nutritional status and outcome of people with Amyotrophic Lateral Sclerosis undergoing long-term enteral nutrition by endoscopic gastrostomy: a retrospective study.

Study 3- Nutritional and functional impact of a nutritional intervention enriched in protein, branched-chain amino acids and vitamin D in post-stroke patients: a prospective study

Study 4- Clinical and nutritional characterization of patients with dementia on admission to Continuing Care Units in a Multicenter study (Observational, cross-sectional study).

Study 5- Assessment of societal and clinical needs of patients with Amyotrophic Lateral Sclerosis and its relationship with nutritional status. (Observational, cross-sectional study).

Conclusion: With these studies, we try to better understand nutritional intervention and a good nutritional status characterization in different long-term neurological diseases.

Keywords: Nutrition; Stroke; Dementia; Amyotrophic Lateral Sclerosis; Neurological Diseases

Publications (DOI)

<http://dx.doi.org/10.3390/msf2021005016>

<https://doi.org/10.3390/msf2021005029>

<https://doi.org/10.3390/msf2021005031>

<https://doi.org/10.3390/jpm12030354>

<https://doi.org/10.3390/nu13114160>

<https://doi.org/10.3390/nu14122501>

Abstracts:

44th ESPEN CONGRESS 3-6 Sept 2022- Abstract and POSTER Accepted - " The Effects of an Intensive Rehabilitation Program on the Nutritional and Functional Status of Post-COVID19 Pneumonia Patients

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