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NEUROPSYCHOLOGICAL REHABILITATION PROGRAM ON DECLARATIVE MEMORY AND FUNCTIONALITY IN AN ADULT WITH EPILEPSY AND LEFT TEMPORARY LOBECTOMY

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ABSTRACT

Surgical intervention is a treatment option for refractory epilepsy, and after this procedure cognitive alterations may occur. Software-based intervention approaches represent an alternative to traditional approaches. Objective: To identify the effect of a neuropsychological rehabilitation plan for declarative memory in an adult with Left Temporal Lobectomy on their functional abilities. Methodology: A single-case quasi-experimental design was used; the participant was a 45-year-old woman with memory problems and difficulties in performing daily activities. The intervention was carried out using the CogniFit rehabilitation software, and the Functioning Classification Scale and the Quality of Life Questionnaire in Epilepsy were used for the measurement. Results: A large effect (NAP; 95%) was found in both indices. Conclusions: The implementation of a software-based program allows a comprehensive rehabilitation.

BIOGRAPHY (upto 200 words)

Karina Lopez has completed her Master's degree in Neuropsychology. She has participated in different research groups and has experience in the development of neuropsychological evaluations as well as rehabilitation plans for adult patients. She has been invited as a speaker at congresses on neuropsychological assessment and patients with nervous system diseases and has also conducted seminars on psychological processes and dementia.

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