

Artículo de Revisión/ Review Article

Tratamientos biológicos (no farmacológicos) en Psiquiatría

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RESUMEN

Los psicofármacos y la psicoterapia son efectivos para muchos pacientes aquejados de trastornos mentales o problemáticas psicosociales. No obstante, algunos pacientes no responden a estas intervenciones, por lo que se necesitan de otras propuestas basadas en tratamientos biológicos (no farmacológicos). Estas técnicas se han ido desarrollando gracias a una mejor comprensión de los modelos neurofisiológicos y neuroanatómicos del humor, pensamiento y regulación del comportamiento, así como de estrategias más avanzadas para la modificación de la actividad neural. Con base en lo anterior, el objetivo de este artículo es presentar una actualización sobre los conceptos e indicaciones de la terapia electroconvulsiva, de las técnicas de estimulación cerebral, de la fototerapia y de la privación terapéutica del sueño.

Palabras clave: terapia electroconvulsiva, estimulación cerebral, fototerapia, privación terapéutica del sueño.

Biological (non-pharmacological) treatments in Psychiatry

ABSTRACT

Psychotropic drugs and psychotherapy are effective for many patients suffering from mental disorders or psychosocial problems. However, some patients do not respond to these interventions, so other proposals based on biological (non-pharmacological) treatments are needed. These techniques have been developed thanks to a better understanding of the neurophysiological and neuroanatomic models of mood, thought process and behavioral regulation, as well as more advanced strategies for the modification of neural activity. Based on the above, the objective of this article is to present an update on the concepts and indications of electroconvulsive therapy, brain stimulation techniques, phototherapy and therapeutic sleep deprivation.

Keywords: electroconvulsive therapy, brain stimulation, phototherapy, therapeutic sleep deprivation.

INTRODUCCIÓN

Los psicofármacos y la psicoterapia son efectivos para muchos pacientes aquejados de trastornos mentales o problemáticas psicosociales. No obstante, con las intervenciones actualmente vigentes, un número sustancial de pacientes experimenta solo una parcial resolución de su sintomatología y la tasa de recaídas es alta. De ahí surge la necesidad de continuar en la búsqueda de otras propuestas terapéuticas, como aquellas centradas en una serie de técnicas de estimulación cerebral (1).

Hasta hace poco, una revisión de los tratamientos biológicos no farmacológicos en psiquiatría, hubiera incluido solamente a la terapia electroconvulsiva (2). Esta situación ha cambiado significativamente en los últimos años con la introducción de nuevas técnicas terapéuticas. Todas estas involucran mecanismos de estimulación cerebral, que se logra mediante diferentes métodos tecnológicos (3). La estimulación magnética transcraneal, la

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Biological Treatments In Psychiatry

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