

Accepted Manuscript

Title: Diagnosing and treating depression in epilepsy

Author: Christian E. Elger Samantha A. Johnston Christian Hoppe

PII: S1059-1311(16)30195-9
DOI: <http://dx.doi.org/doi:10.1016/j.seizure.2016.10.018>
Reference: YSEIZ 2819

To appear in: *Seizure*

Received date: 1-9-2016
Revised date: 17-10-2016
Accepted date: 20-10-2016

Please cite this article as: {<http://dx.doi.org/>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



<AT>Diagnosing and treating depression in epilepsy

<AU>Christian E. Elger MD PhD^a, Samantha A. Johnston^b, Christian Hoppe PhD^{a*} ##Email##christian.hoppe@ukb.uni-bonn.de##/Email##

<AFF>^aDepartment of Epileptology, University of Bonn Medical Centre, Sigmund-Freud-Strasse ²⁵, FRG-53127 Bonn, Germany

<AFF>^bAcademic Neurology Unit, University of Sheffield, Royal Hallamshire Hospital, Glossop Road, Sheffield, S10 2JF, United Kingdom, UK

<PA>*Corresponding author at: Department of Epileptology, University of Bonn Medical Center, Sigmund-Freud-Strasse 25, FRG-53127 Bonn,

Germany. Fax: +49 228 287 90 16172.

<ABS-HEAD>Highlights ► Literature on depression in epilepsy is selectively reviewed. ► Diagnosing depression entitles patients for professional support. ► Psychotherapy has proven its efficacy in ten adequate clinical trials. ► Due to lack of adequate studies, efficacy of antidepressants remains unclear.

<ABS-HEAD>Abstract

<ABS-P>At least one third of patients with active epilepsy suffer from significant impairment of their emotional well-being. A targeted examination for possible depression (irrespective of any social, financial or personal burdens) can identify patients who may benefit from medical attention and therapeutic support. Reliable screening instruments such as the Neurological Disorders Depression Inventory for Epilepsy (NDDI-E) are suitable for the timely identification of patients needing help. Neurologists should be capable of managing mild to moderate comorbid depression but referral to mental health specialists is mandatory in severe and difficult-to-treat depression, or if the patient is acutely suicidal. In terms of the therapeutic approach, it is essential first to optimize seizure control and minimize unwanted antiepileptic drug-related side effects. Psychotherapy for depression in epilepsy (including online self-treatment programs) is underutilized although it has proven effective in ten well-controlled trials. In contrast, the effectiveness of antidepressant drugs for depression in epilepsy is unknown. However, if modern antidepressants are used (e.g. SSRI, SNRI, NaSSA), concerns about an aggravation of seizures and or problematic interactions with antiepileptic drugs seem unwarranted. Epilepsy-related stress ("burden of epilepsy") explains depression in many patients but acute and temporary seizure-related states of depression or suicidality have also been reported. Limbic encephalitis may cause isolated mood alteration without any recognizable psychoetiological background indicating a possible role of neuroinflammation. This review will argue that, overall, a bio-psycho-social model best captures the currently available evidence relating to the etiology and treatment of depression as a comorbidity of epilepsy.

<KWD>Keywords: depression comorbidity in epilepsy; burden of epilepsy; diagnosing depressive disorders; psychotherapy; antidepressive drugs; endogenous depression

<H1>1. Defining depression

Download English Version:

<https://daneshyari.com/en/article/4935535>

Download Persian Version:

<https://daneshyari.com/article/4935535>

[Daneshyari.com](https://daneshyari.com)