

Accepted Manuscript

Title: Antiepileptic Drugs-induced Hyponatremia: Review and Analysis of 560 Hospitalized Patients

Authors: Tassanai Intravooth, Anke M. Staack, Katharina Juerges, Jakob Stockinger, Bernhard J. Steinhoff



PII: S0920-1211(18)30004-4
DOI: <https://doi.org/10.1016/j.eplepsyres.2018.03.023>
Reference: EPIRES 5936

To appear in: *Epilepsy Research*

Received date: 3-1-2018
Revised date: 27-3-2018
Accepted date: 28-3-2018

Please cite this article as: Intravooth, Tassanai, Staack, Anke M., Juerges, Katharina, Stockinger, Jakob, Steinhoff, Bernhard J., Antiepileptic Drugs-induced Hyponatremia: Review and Analysis of 560 Hospitalized Patients. *Epilepsy Research* <https://doi.org/10.1016/j.eplepsyres.2018.03.023>

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.

Antiepileptic Drugs-induced Hyponatremia: Review and Analysis of 560 Hospitalized

Patients

Tassanai Intravooth¹, Anke M. Staack¹, Katharina Juerges¹, Jakob Stockinger¹, Bernhard J. Steinhoff¹

¹ Epilepsy Center Kork, Landstraße 1, 77694 Kehl-Kork, Germany

Corresponding author:

Tassanai Intravooth

Epilepsy Center Kork

Landstraße 1, 77694 Kehl-Kork, Germany

Phone: +49-7851-84-2272

Fax: +49-7851-84-2603

E-mail: tintravooth@epilepsiezentrum.de

¹ Epilepsy Center Kork, Landstraße 1, 77694 Kehl-Kork, Germany

Corresponding author:

Tassanai Intravooth

Highlights

- Carbamazepine, oxcarbazepine and eslicarbazepine acetate were associated with hyponatremia.
- The incidence of hyponatremia induced by eslicarbazepine acetate was not statistically different from that induced by oxcarbazepine.
- Both oxcarbazepine- and eslicarbazepine acetate-induced hyponatremia occurred particularly often in elderly epilepsy patients.

Abstract

Recent evidence suggests that eslicarbazepine acetate (ESL) might be an appropriate alternative to carbamazepine (CBZ) and oxcarbazepine (OXC) due to its better safety profile. Hyponatremia may be one of the limiting safety problems in CBZ and OXC whereas it has been indicated that ESL is less sensitive for the adverse event.

Since our clinical experience is different we investigated the incidence of hyponatremia in 560 consecutive adult inpatients treated at our center in 2015 by reviewing their medical records.

Download English Version:

<https://daneshyari.com/en/article/8684101>

Download Persian Version:

<https://daneshyari.com/article/8684101>

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