

# Meds up hospitalization for dehydration, heat-linked illness

July 25 2016

---



(HealthDay)—Among veterans, initiation of many commonly-used

medications is associated with increased risk of hospitalization for dehydration or heat-related illness, according to research published online July 4 in the *Journal of Clinical Pharmacy and Therapeutics*.

Lisa M. Kalisch Ellett, Ph.D., from the University of South Australia in Adelaide, and colleagues conducted a retrospective analysis using prescription event symmetry analysis for 6,700 veterans with incident hospital admission for dehydration or heat-related illness.

The researchers found that the risk of incident hospital admission for dehydration or heat-related illness was significantly increased following initiation of anticoagulants, cardiovascular medicines, [nonsteroidal anti-inflammatory drugs](#), antipsychotics, antidepressants, and anticholinergic agents. There was variation in the risk of hospital admission for dehydration or heat-related illness from 1.17 for selective serotonin reuptake inhibitor to 2.79 for angiotensin converting [enzyme inhibitor](#) plus diuretic combination product. Initiation of anticonvulsants, anti-Parkinson's agents, hypnotics, anxiolytics, or antihistamines was not significantly associated with [hospital admission](#) for dehydration or heat-related illness.

"Many commonly used medicines were found to be associated with increased risk of hospitalization for dehydration or heat-related illness," the authors write. "Prescribers and patients should be aware of the potential for medicines to be associated with increased risk of [dehydration](#) and heat-related illness."

**More information:** [Abstract](#)  
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: Meds up hospitalization for dehydration, heat-linked illness (2016, July 25) retrieved 27 April 2024 from <https://medicalxpress.com/news/2016-07-meds-hospitalization-dehydration-heat-linked-illness.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.