

Seizures in half peds patients with intracranial hemorrhage

8 February 2013



Acute symptomatic seizures occur in about half of pediatric patients with intracerebral hemorrhage and are often a presenting symptom, according to a study published online Feb. 7 in *JAMA Neurology*.

(HealthDay)—Acute symptomatic seizures occur in about half of pediatric patients with intracerebral hemorrhage (ICH) and are often a presenting symptom, according to a study published online Feb. 7 in *JAMA Neurology*.

Lauren A. Beslow, M.D., from the Yale University School of Medicine in New Haven, Conn., and colleagues conducted a [prospective cohort study](#) from March 1, 2007, to Jan. 1, 2012 to examine the incidence of and risk factors for seizures and epilepsy in 73 children with spontaneous ICH from three [pediatric hospitals](#).

The researchers found that acute symptomatic seizures occurred in 48 percent of patients, and were a presenting symptom of ICH for 60 percent of perinatal patients and 36 percent of childhood subjects. In seven children, acute symptomatic seizures occurred after presentation. Of those who had continuous [electroencephalogram](#) monitoring, 28 percent had electrographic-only seizures. The rate of remote symptomatic seizure-free survival was 82 percent at one year and 67 percent at two years, while the epilepsy-free survival rate was 96 percent at one year and 87 percent at two years. Increased intracranial pressure necessitating acute

intervention was identified as a risk factor for seizures after presentation, remote symptomatic seizures, and epilepsy.

"This study provides clinicians with useful information for counseling parents of pediatric patients with ICH who present in the perinatal and childhood periods regarding the risk for remote seizures and epilepsy," the authors write.

More information: [Abstract](#)

[Full Text \(subscription or payment may be required\)](#)

[Editorial \(subscription or payment may be required\)](#)

[Health News](#) Copyright © 2013 [HealthDay](#). All rights reserved.

APA citation: Seizures in half peds patients with intracranial hemorrhage (2013, February 8) retrieved 31 August 2022 from

<https://medicalxpress.com/news/2013-02-seizures-peds-patients-intracranial-hemorrhage.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.