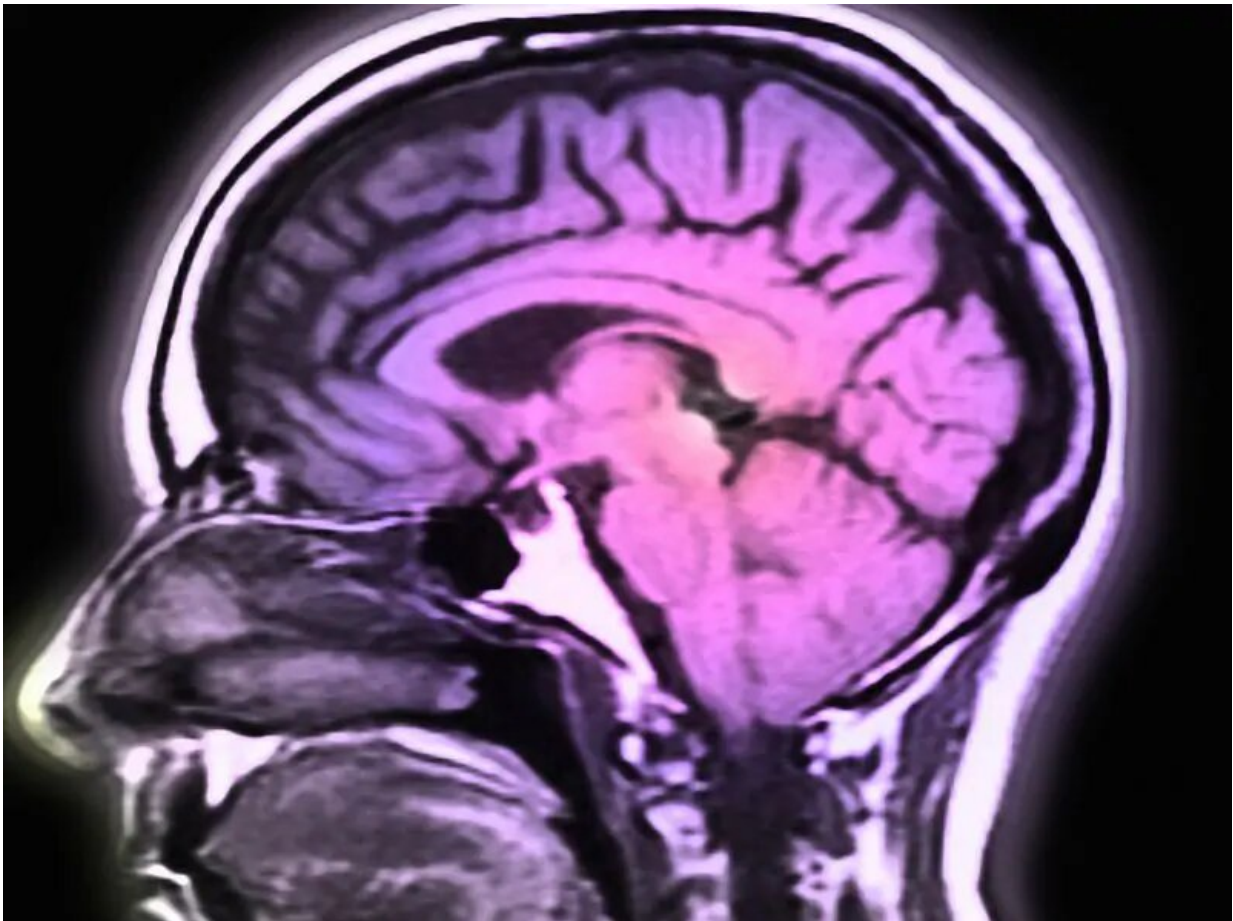


# Headache from epidural for labor may up subdural hematoma risk

September 17 2019

---



(HealthDay)—The presence of presumed postdural puncture headache

after neuraxial anesthesia (epidural or spinal) in childbirth is associated with an increased risk for being diagnosed with an intracranial subdural hematoma, according to a study published online Sept. 16 in *JAMA Neurology*.

Albert R. Moore, M.D., from McGill University in Montreal, and colleagues examined the correlation between postdural puncture headache and postpartum intracranial subdural [hematoma](#) in a cohort of 22,130,815 patients and deliveries.

The researchers identified 68,374 postdural puncture headaches, for an overall rate of 309 per 100,000. A total of 342 cases of subdural hematoma were identified, for a rate of 1.5 per 100,000 women. One hundred of these cases were in women with postdural puncture headache, for a rate of 147 hematoma cases per 100,000 deliveries. The unadjusted absolute risk increase was 145 subdural hematoma cases per 100,000 deliveries for postdural puncture headache. Postdural puncture [headache](#) had an odds ratio for [subdural hematoma](#) of 199 and an adjusted absolute risk increase of 130 per 100,000 deliveries after adjustment for confounders.

"These findings are in agreement with multiple case reports that link these conditions," the authors write. "Further research is needed to establish if this association is causal for this rare outcome."

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

Copyright © 2019 [HealthDay](#). All rights reserved.

Citation: Headache from epidural for labor may up subdural hematoma risk (2019, September 17) retrieved 2 May 2024 from <https://medicalxpress.com/news/2019-09-headache-epidural->

[labor-subdural-hematoma.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.