



## Key Points Summary

Pugh MJ, Kennedy E, Gugger JJ, Mayo J, Tate D, Swan A, et al. The military injuries: understanding traumatic epilepsy study: understanding relationships among lifetime traumatic brain injury history, epilepsy, and quality of life. 2021 October;38(20):2841-2850. doi: 10.1089/neu.2021.0015.

### Primary Question this Study Addresses

The MINUTE (Military INjuries-Understanding post-Traumatic Epilepsy) study integrates data from the Veterans Health Administration with self-report survey data to evaluate whether post-9/11 veterans with histories of TBI and epilepsy have different outcomes from controls without a history of TBI or epilepsy.

### Study Findings That Add to Our Knowledge

The MINUTE study revealed high rates of undocumented lifetime TBIs among veterans with epilepsy who had no evidence of TBI in VA medical records.

Persons with epilepsy + TBI had worse physical functioning and health-related quality of life compared to those with either epilepsy or TBI alone. TBI severity did not fully explain differences in functioning and QOL.

### How Study Evidence Might Be Used in Practice

Clinicians should be aware that veterans with epilepsy may have an undocumented history of TBI. Screening for history of TBI may help inform treatment planning for health services and community supports for veterans with TBI and complex comorbidity.

 [Resource](#)

To access the study abstract, click here:

 [Abstract](#)

This work was supported by the Assistant Secretary of Defense for Health Affairs endorsed by the Department of Defense, through the Psychological Health/Traumatic Brain Injury Research Program Long-Term Impact of Military-Relevant Brain Injury Consortium (LIMBIC) Award/W81XWH-18-PH/TBIRP-LIMBIC under Awards No. W81XWH1920067 and W81XWH-13-2-0095, and by the U.S. Department of Veterans Affairs Awards No. I01 CX002097, I01 CX002096, I01 HX003155, I01 RX003444, I01 RX003443, I01 RX003442, I01 CX001135, I01 CX001246, I01 RX001774, I01 RX 001135, I01 RX 002076, I01 RX 001880, I01 RX 002172, I01 RX 002173, I01 RX 002171, I01 RX 002174, and I01 RX 002170.