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Primary Question this Study Addresses

What are the longitudinal comorbidity phenotypes among Post-9/11 deployed Veterans with mild traumatic brain injury (mTBI) compared to those with no evidence of mTBI?

Study Findings That Add to Our Knowledge

There were 5 phenotypes identified among the mTBI and no mTBI cohorts. Moderately Healthy and Mental Health phenotypes were common to both. The Healthy phenotype was found only in the no brain injury cohort. Unique phenotypes in mTBI included Moderately Healthy+Decline, Polytrauma, and Polytrauma+Improvement.

The Polytrauma+Improvement phenotype had the lowest likelihood of adverse outcomes. There were no differences between Moderately Healthy+Decline and Polytrauma phenotypes.

How Study Evidence Might Be Used in Practice

Identifying risk factors for each of the phenotypes will help us better understand the early patterns of comorbidity that are associated with neurodegenerative sequelae following mTBI, and plan more patientcentered care.

This information may provide treating clinicians with optimal treatment plans for a specific patient's phenotype.

For more information, please visit:

Resource

To access the study abstract, click here:

Abstract

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