

INPLASY

Meta-analysis of influencing factors of epileptic seizure after traumatic brain injury

INPLASY202470046

doi: 10.37766/inplasy2024.7.0046

Received: 11 July 2024

Published: 11 July 2024

Zhang, YY.

Corresponding author:

yayou Zhang

yayou503047003@126.com

Author Affiliation:

Hangzhou First People's Hospital.

ADMINISTRATIVE INFORMATION

Support - Pay out of one's own pocket.

Review Stage at time of this submission - Preliminary searches.

Conflicts of interest - None declared.

INPLASY registration number: INPLASY202470046

Amendments - This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 11 July 2024 and was last updated on 11 July 2024.

INTRODUCTION

Review question / Objective The purpose of this study was to investigate the factors affecting seizures after traumatic brain injury.

Condition being studied The factors of post-traumatic epilepsy were investigated through literature search.

METHODS

Participant or population The subjects were divided into those who did not have epilepsy and those who did.

Intervention The influencing factors of epilepsy after TBI were summarized.

Comparator To summarize the influencing factors of non-occurrence of epilepsy after traumatic brain injury.

Study designs to be included RCT.

Eligibility criteria Clinical approach to posttraumatic epilepsy.

Information sources PubMed, EMBASE, Web of Science.

Main outcome(s) The influencing factors of epilepsy after TBI were summarized.

Quality assessment / Risk of bias analysis The Cochrane tool.

Strategy of data synthesis Review Manager tool.

Subgroup analysis Post-traumatic seizures occur within 1 week depending on the course of the disease.

Sensitivity analysis Sensitivity analysis was performed by Stata software.

Country(ies) involved China.

Keywords TBI, traumatic brain injury, PTS, Post-traumatic seizures.

Contributions of each author

Author 1 - yayou Zhang.

Email: yayou503047003@126.com