

Post-Traumatic Seizures

Types

Early

Impact (1st few mins)

Immediate (1st 24hrs)

Delayed Early (2-7days)

Late

> 7 day post-injury

Non-Convulsive

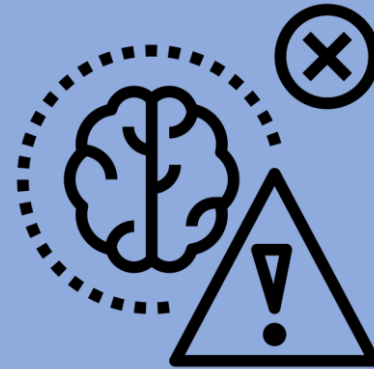
No clinical signs/only on EEG

Non-Convulsive Status Epilepticus

Only on EEG lasting > 30mins

Post-Traumatic Epilepsy

Recurrent, unprovoked, >1wk post-injury



Created by Nithinan Tatah
from Noun Project

Risk Factors

Abuse

1-7 yrs old (esp. <2)

SDH / ICH

Severe TBI

Prolonged LOC or amnesia

Retained bone/metal

Depressed/open skull fx



Created by Victoruler
from Noun Project

Treatments

GCS 15 & no injury on CT → home

<3yo w/TBI or AMS → EEG

Severe TBI → consider levetiracetam