

Resource Summary Report

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IMPACT Prognostic Calculator

RRID:SCR_004730

Type: Tool

Proper Citation

IMPACT Prognostic Calculator (RRID:SCR_004730)

Resource Information

URL: http://www.tbi-impact.org/?p=impact%2Fcalc&btn_calc=GO+TO+CALCULATOR

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Description: A calculator that calculates the prediction models for 6 month outcome after Traumatic Brain Injury. Based on extensive prognostic analysis the IMPACT investigators have developed prognostic models for predicting 6 month outcome in adult patients with moderate to severe head injury (Glasgow Coma Scale =12) on admission. By entering the characteristics into the calculator, the models will provide an estimate of the expected outcome at 6 months. We present three models of increasing complexity (Core, Core + CT, Core + CT + Lab). These models were developed and validated in collaboration with the CRASH trial collaborators on large numbers of individual patient data (the IMPACT database). The models discriminate well, and are particularly suited for purposes of classification and characterization of large cohorts of patients. Extreme caution is required when applying the estimated prognosis to individual patients. The sequential prediction models may be used as an aid to estimate 6 month outcome in patients with severe or moderate traumatic brain injury (TBI). However, the prediction rule can only complement, never replace, clinical judgment and can therefore be used only as a decision-support system.

Abbreviations: IMPACT Prognostic Calculator

Synonyms: International Mission for Prognosis and Analysis of Clinical Trials in TBI Prognostic Calculator

Resource Type: production service resource, data analysis service, service resource, analysis service resource

Keywords: traumatic brain injury, head injury, brain injury, adult, human, severe, moderate, glasgow coma scale, one mind tbi

Related Condition: Traumatic brain injury

Funding: NINDS NS 42691

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Alternate IDs: nlx_143884

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Ratings and Alerts

No rating or validation information has been found for IMPACT Prognostic Calculator.

No alerts have been found for IMPACT Prognostic Calculator.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.