



## Emergency Care and Diagnostics in Patients with Traumatic Brain Injury

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on the emergency care and early diagnostics of traumatic brain injury (TBI). TBI is one of the major causes of morbidity worldwide. The primary treatment at the emergency department (ED) focusses on the prevention of secondary injury. After discharge, one in three patients will experience impairments interfering with the resumption of pre-injury activities and/or work. Taking the total number of patients with the increasing older adult population into account, the health care and societal injury related costs are high. The early identification and treatment of patients at risk of unfavorable outcome is of utmost importance. For the clinical assessment and early diagnosis of TBI at the ED, multimodal data including serum biomarkers and imaging are increasingly used to determine risk labels for incomplete recovery. Data from patient cohorts with mild-to-severe TBI can increase insight into the recovery patterns and key factors determining outcome, thus providing the opportunity to enhance patient care.

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