



# 16<sup>th</sup> Annual Brain Injury Conference

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**Poster #: 2**

**Abstract Title:** Racial disparities among children and youth with ABI and their caregivers: A systematic review

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**ABSTRACT:**

**Abstract Theme:** Moderate - Severe Brain Injury

**Topic(s) of Interest:** Best Practices, Knowledge Translation, Applied Research,

**Purpose of Project:** Racial minoritized children and youth with acquired brain injury (ABI) often experience multiple forms of discrimination. The purpose of this systematic review was to understand the racial disparities in health care among children and youth with ABI and their caregivers.

**Methods, Procedure, Results/Outcome, Conclusion:** Six international databases were systematically searched for peer-reviewed articles. Studies were screened by two researchers who also conducted the data extraction and quality appraisal.

**Results:** Of the 4533 studies identified in the search, 33 met the inclusion criteria which involved 837,241 children and youth with brain injuries or caregivers representing them across three countries. The following trends were noted in the studies in our review: (1) cultural meaning of ABI; (2) racial disparities in accessing care (i.e., diagnosis, hospital admission, length of stay, rehabilitation treatment); (3) racial disparities in health outcomes (i.e., functional outcomes and mortality rates); and (4) factors affecting racial disparities (i.e., sources in injury, insurance and expenditures, cultural factors and intersectionality).

**Conclusions:** Our findings reveal the disturbing trends of racial disparities among children and youth with ABI. There is a critical need for further research to explore the causes of such racial disparities and solutions to address them.