Researchers aim to develop a standard approach for evaluating and diagnosing traumatic brain injury, including concussion

- Study will include various evaluation methods, including analysis of blood-based biomarkers, eye tracking and imaging to help classify severity of head injury

Abbott, Hennepin County Medical Center and University of Minnesota Collaborate to Launch the Nation’s Largest, Single-Center Prospective Study on Concussion and Traumatic Brain Injury

Additional study details

Researchers plan to screen 9,000 trauma patients and enroll at least 1,000 of them as part of the study. Patients could range from children to elderly adults, as well as people who are conscious to those in coma. Enrolled patients will be followed for up to one year, making the research the largest single-center, prospective study of TBI in the country.

Additional co-investigators on the study include: Dr. James Miner, Chief of Emergency Department at HCMC; Dr. Fred Apple, HCMC Laboratory Director; Dr. Chad Richardson, Chief of Trauma Surgery at HCMC; HCMC neurosurgeons Dr. Gaylan Rockswold and Dr. Walter Galicich; Dr. Dave Gilbertson, Co-Director of the Chronic Disease Research Group at the Minneapolis Medical Research Foundation and Dr. Sarah Rockswold, Director of the Brain Injury Center at HCMC.

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