

Location	Project Title	Project Acronym	Website	Coordinating Institution	Principal Investigator(s)	Funding Agency	TBI Severity: Mild, Moderate, Severe	Age: Pediatric, Adult	Target Enrollment	Study Type: Biomarkers, CER, Classification, Clinical Trial, Diagnosis, Prognosis, Tool Development	Major Objective	Total Cost	Start Date; End Date
EUROPE	Collaborative Research on Acute Traumatic Brain Injury in Intensive Care Medicine in Europe	CREACTIVE	under construction	Istituto Di Ricerche Farmacologiche Mario Negri	Guido Bertolini	European Commission	All Levels	Pediatric & Adult	7000 TBI Patients	Biomarkers, CER, Prognosis	Comparative effectiveness study of acute interventions for patients with severe TBI	€7.0 M	10/2013; 9/2018
	Collaborative European NeuroTrauma Effectiveness Research in TBI	CENTER-TBI	https://www.center-tbi.eu/	Universitair Ziekenhuis Antwerpen	Andrew Maas	European Commission	All Levels	Pediatric & Adult	5400	Biomarkers, CER, Classification, Prognosis	Patient classification and comparative effectiveness of different care systems, management strategies and specific interventions for TBI	€30.0 M	10/2013; 3/2020
UNITED STATES	Transforming Research and Clinical Knowledge in Traumatic Brain Injury	TRACK-TBI	http://tracktbi.ucsf.edu/	University of California San Francisco	Geoffrey Manley, Claudia Robertson, Ramon Diaz-Arrastia, Nancy Temkin, David Okonkwo, Joe Giacino, Pratik Mukherjee	NIH NINDS	All Levels	Pediatric & Adult	2700 TBI Patients; 300 Controls	Biomarkers, CER, Classification, Prognosis	Patient classification and comparative effectiveness of different care systems, management strategies and specific interventions for TBI	\$18.8 M	10/2013; 9/2018
	Multiple Medical Therapies for Pediatric TBI: Comparative Effectiveness Approach	ADAPT	http://www.adapttrial.org/	University of Pittsburgh	Michael Bell & Stephen Wisniewski	NIH NINDS	Severe	Pediatric	1000	CER	Comparative effectiveness study of acute interventions for children and adolescents with severe TBI	\$16.1 M	7/2013; 6/2018
	Managing Severe TBI without ICP Monitoring - Guidelines Development and Testing			University of Washington	Randall Chesnut, Silvia Lujan, Carlos Rondina, Nancy Temkin	NIH NINDS	Severe	Pediatric (≥ 13 years) & Adult	780	CER	Comparative effectiveness study of ICU interventions for adults with severe TBI	\$2.6 M	9/2012; 7/2017
CANADA	Predicting and Preventing Post-Concussive Problems in Pediatrics (5P) Study: A Prospective Multicentre Clinical Prediction Rule Derivation and Validation Study in Children with Concussion	5P		University of Ottawa, Children's Hospital of Eastern Ontario	Roger Zemek	CIHR	Mild	Pediatric	Derivation 2000 Patients; Validation 800 Patients	Prognosis	Prognostic model for persistent postconcussion symptoms in youths	\$1.3 M	8/2013; 4/2018
	Improving the Diagnosis and Treatment of mTBI in Children and Youth: The Power of Common Data			McGill University	Isabelle Gagnon	CIHR	Mild	Pediatric	Round 1: 500 Round 2: 1500	Tool Development (CDEs)	Standardization of data for pediatric mTBI	\$1.4 M	4/2013; 3/2018
	A Longitudinal Prospective Study of mTBI in Youth Ice Hockey Players	Safe to Play	http://www.ucalgary.ca/siprc/	University of Calgary	Carolyn Emery & Willem Meeuwisse	CIHR	Mild	Pediatric	1000	CER, Diagnosis	Diagnosis of mTBI in youths	\$1.5 M	4/2013; 4/2018
	Post-Concussive Syndrome in Youth: GABAergic Effects of Melatonin	PLAYGAME	http://www.4ctbi.ca/	University of Calgary	Karen Barlow	CIHR	Mild	Pediatric	166	Clinical Trial	Clinical trial to evaluate the effectiveness of melatonin to alleviate postconcussion syndrome in children following mTBI	\$0.9 M	11/2013; 11/2018
	"NeuroCare": A Clinical Decision-Making Tool in Youth mTBI	NeuroCare	http://research.hollandbloorview.ca/ResearchCentresLabs/ConcussionResearchCentre	Bloorview Research Institute, Holland Bloorview Kids Rehabilitation Hospital, University of Toronto	Michelle Keightley	CIHR	Mild	Pediatric	1400 (> 2 years)	Tool Development	Detect recovery after mTBI in youths	\$0.6 M (CIHR) \$0.5 M (OBI)	3/2013; 3/2018