

# Trial Pipeline

Funded trials

HOBIT

BOOST3

Trials submitted for Funding

ICECAP

CHEST PAIN

# HOBIT (Hyperbaric Oxygen Brain Injury Trial)

PIs: Gaylan Rockswold, William Barsan, Byron Gajewski, Renee Martin

Phase 2 trial evaluating 7 different dose tiers for Hyperoxia in severe TBI (GCS 3-8); 200 patients

Primary outcome: > 50% probability of success in a Phase 3 trial

Work began on HOBIT in 2014

First grant submitted 4/2016

Funded in 9/2017

# BOOST3 (Brain Oxygen Optimization in Severe TBI)

PIs: Ramon Diaz-Arrastia, William Barsan, Lori Shutter, Sharon Yeatts

Phase 3 trial to determine whether management strategies based on brain tissue oxygen monitoring improves outcome from severe TBI

Primary Outcome: Sliding dichotomy GOS-E at 6 months; 1060 patients

Work began in 2015

Funding anticipated Spring 2018

# ICECAP (Influence of Cooling Duration on Outcome in Cardiac Arrest Patients)

PIs: Will Meurer, Rob Silbergleit, Romer Geocadin, Sharon Yeatts, Ramesh Ramakrishnan

Phase 3 trial to characterize the duration/response curve for hypothermia in comatose survivors of cardiac arrest; will determine this for both shockable and non-shockable rhythms

Primary Outcome: mRS at 90 days following cardiac arrest

Original design part of the ADAPT-IT project 2010-2015

# CHEST PAIN (Comparative Health Effectiveness of Strategies Testing Pain Assessment of Ischemia Noninvasively)

PIs: Alan Storrow, David Maron, Clif Callaway, Valerie Durkalski

Non-inferiority trial comparing an in hospital noninvasive testing strategy vs outpatient follow up in patients with low risk chest pain

Primary outcome: All cause mortality at 30 days; 16,700 patients

# HAT-TRIC (Dose finding trial of tPA in patients with submassive pulmonary embolus)

PIs: Jeff Kline, Mark Courtney, Sharon Yeatts

Planning grant to design adaptive trial for finding the optimal dose of thrombolytic to treat submassive pulmonary emboli (U34).

# Pipeline trials

Multiple conversations with investigators and NIH partners

Discussions underway for several trials