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| **Health & Aging after TBI** *(CDC funded)* | **LE-TBI** *(NIH funded)* |
| Age 40 or older at time of injury | Age 40 or older at the present time |
| **At least one of the following criteria for moderate-to-severe TBI:*** PTA > 24 hours
* Trauma related intracranial neuroimaging abnormalities
* LOC >30 minutes (unless due to sedation or intoxication)
* GCS in the ED of <13 (unless due to intubation, sedations, or intoxication)
 | **Moderate-Severe or complicated mild TBI with hospitalization or medical documentation** |
| Received TBI rehab at MSSM or other rehab facility | Must agree to brain donation  |
| No restrictions on which acute hospitals they come from | Ability to undergo brain MRI (unless has metal/implanted device or other MRI contraindications)  |
| Participants or their proxy/authorized agent must be able to provide informed consent in English | Participants or their proxy/authorized agent must be able to provide informed consent in English |
| ***What’s involved:*** * Participants and/or someone who knows them well complete a series of questionnaires about their health, mood, cognition, and functional abilities. This can be done either in person or over the telephone (or mail),
* Our study team will request medical records to document TBI and recent health care.
* Participants agree to allow the researchers to contact their family/significant other to ask a brief set of questions about their loved ones’ health in the unlikely event that the participant dies during the study.
 | ***What’s involved:*** * Participants complete a blood draw and a 60-minute MRI scan at Mount Sinai.
* Participants and/or someone who knows them well complete brief questionnaires about health & functioning. This can be done either in person or over the telephone (or mail).
* Participants complete a brief battery of cognitive tests either at Mount Sinai or another convenient location.
* The participant agrees to the idea of brain donation and in the unlikely event the participant dies during the study, the family will be invited to consent to brain donation (if applicable).
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| Compensation: $10  | Compensation: $50, plus transportation reimbursement (receipts must be provided) |