DMH/DD/SAS
TBI Program Updates

Scott Pokorny, TBI Team Lead and Michael Brown, TBI Consultant

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TBI Program Components

- TBI State Funds Program
- TBI Grant
- TBI Waiver
- Adult and Pediatric Pilot Project
- TBI Training
- TBI Screening
- Other Data Collection Initiatives
- Brain Injury Advisory Council
- Money Follows the Person/TBI
Types of services that are commonly provided through the LME-MCO’s include:

- Residential Support
- Home Modifications
- Transportation
- Other services/supports deemed medically necessary by the LME/MCO and Primary Care Physician

SFY18-19 total statewide expenditures through the 2nd quarter $867,450.18

Two contracts with Brain Injury Association of NC (BIANC)
- One to provide education, awareness and outreach activities statewide
- One to implement TBI grant deliverables to build TBI service system infrastructure

SFY18-19 BIANC contract expenditures through the 2nd quarter
- BIANC State Contract- $282,564.13
- BIANC ACL Contract- $92,295.31
## TBI State Funds Program

### LME-MCO Annual Report Data

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total amount of funding being requested for FY 18-19</td>
<td>$4,420,578</td>
</tr>
<tr>
<td>Total number of people to be served in FY 18-19</td>
<td>187</td>
</tr>
<tr>
<td>List of services to be funded (i.e. residential, day program, etc.)</td>
<td>Residential, day activity, personal assistance, Developmental therapy, ADVP, transportation, gym membership, medical supplies, ACTT, day treatment, respite, vocational supports, TBI/SU, medical equipment, nursing respite, therapies, personal care</td>
</tr>
<tr>
<td>Total number of people that were served in FY17-18</td>
<td>145</td>
</tr>
<tr>
<td>Total number of people unable to be served in FY17-18 due to funding level (if data is available)</td>
<td>80</td>
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NC DHHS was awarded a new three year grant beginning June 1, 2018

- The main grant objectives include:
  - Educate and train individuals with TBI, caregivers and professionals: Increased understanding and knowledge by those involved in the TBI continuum of care statewide.
  - Screening: Increased identification of people who sustain TBI statewide and improved data collection and analysis.
  - Modernize Information and Referral System to include natural supports: Increased knowledge about TBI, including services and supports for individuals with TBI, their families, professionals and other stakeholders.
  - Collaborate and Coordinate: Increased collaboration and coordination between primary health care and behavioral health care service systems statewide to promote the increase in availability of TBI-informed services.
  - Update online training modules including Substance Use (focus on Opioid use) and mental health.
TBI Grant

• Main grant objectives continued:
  - Provide Resource Facilitation statewide which offers technical assistance as well as information and resource options to professionals, individuals who have TBI and their families.
  - Expansion of employment opportunities for individuals with TBI.
  - Create an online TBI support group pilot.
  - Update statewide TBI Needs and Resources Assessment.
  - Update statewide TBI Action Plan
  - There is a focus to engage with TBI survivors who are on the Brain Injury Advisory Council and other survivors who are interested in contributing to TBI initiatives throughout NC communities.

• We are looking for survivors, family members, professionals and other interested stakeholders to join our TBI Grant Steering Committee!!!
The TBI Waiver will serve 49 people the first year, 99 in year two and 107 total in year three.

The Waiver offers an array of services and supports to eligible individuals.

The program is initially available to individuals living in the Alliance Healthcare (LME-MCO) catchment area (Wake, Durham, Johnston and Cumberland counties).

The Waiver started in September 2018.

More information about the TBI Waiver can be found at https://www.alliancebhc.org/consumers-families/traumatic-brain-injury-tbi/#toggle-id-2

The TBI Waiver application to the Centers for Medicare and Medicaid Services (CMS) can be found at https://dma.ncdhhs.gov/document/draft-tbi-waiver
Adult and Pediatric Pilot Project

- Software will be set up in 3-5 hospitals across the state.
- Signed agreement/contract with one hospital and began training with staff
- Verbal approval/agreement with three other hospitals and started the onboarding process
- Purpose of the pilot project is to assist TBI patients in North Carolina, both adult and pediatric, in achieving the best possible long-term outcome after their injury and reduce the burden of long-term care on the state’s Medicaid resources.
- DMH/DD/SAS contracted with Qmetis to implement this project.
- Qmetis is a healthcare technology company that has developed a solution and approach to address the issue of low compliance, poorer medical outcomes, and unnecessarily high medical costs.
- The software called Solution is a web-based, interactive, real-time, decision support tool that takes the latest approved treatment guidelines and places them into a 90 second tool for clinicians
Adult and Pediatric Pilot Project

- Using this tool while working at the patient’s bedside ensures that the latest standards of care are being followed by clinicians for every patient, every shift, every day.

- Once a patient with a severe head injury is in the hospital’s intensive care unit (“ICU”) and stable, the patient is registered into the Solution database.

- Data is also collected pertaining to the care being provided to patient by clinicians while in the ICU. Once per shift, or as the patient’s condition changes, it is recommended that a Qmetis program “session” be conducted whereby information of the patient’s condition and the current course of treatment is entered into the Solution database.
TBI Training

• Statewide Training (in-person and webinars)
  - A variety of training topics are available such as Brain Injury Foundations, Brain Injury Continuum of Care, Behavioral and Crisis De-Escalation after Brain Injury, Concussion: Awareness, Prevention & Return to Learn among many others.

• Online NC Training Modules—located at www.biancteach.net
  - Crisis Intervention Training for Law Enforcement and other First Responders
  - Cognitive and Behavioral Consequences of TBI in Adults
  - Pediatric TBI
  - Primary Care and TBI
  - Public Services and TBI in NC
  - Substance Use and TBI

▪ Trainings are primarily produced by BIANC and funded by DMH/DD/SAS and the federal Administration for Community Living (ACL).
TBI Screening

- Five of the Seven LME-MCO’s are currently conducting TBI screening.
- One Federally Qualified Health Center (FQHC) is also screening.
- The screening tool being used is called the Ohio State TBI Identification method. This tool does not diagnose a TBI but rather indicates that an individual may have likely sustained a TBI based on responses to a series of questions.
- Screening results for the SFY18-19 through the 2nd quarter are as follows:
  
<table>
<thead>
<tr>
<th>Organization</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alliance</td>
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<tr>
<td>Eastpointe</td>
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<tr>
<td>Trillium</td>
<td>151</td>
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<tr>
<td>Sandhills</td>
<td>19</td>
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<tr>
<td>Cardinal</td>
<td>117</td>
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</table>
Other Data Collection Initiatives

TBI Claims Data Analysis

• Primary purpose is to determine how many individuals with a documented TBI are accessing service systems such as State Plan Medicaid, Mental Health (MH) and Substance Use Disorder (SUD).

• List of ICD-9-CM and ICD-10-CM codes that correspond to TBI was obtained.

• DMH/DD/SAS Quality Management section is also assist in conducting data reviews from NC Tracks and other data systems.

• Some of the LME/MCO’s are also conducting claims data analysis.
Brain Injury Advisory Council

• The purpose of the Brain Injury Advisory Council (BIAC) is:

  *To review the nature and cause of traumatic and other acquired brain injuries in North Carolina,

  *Make recommendations to the Governor, the General Assembly, and the Secretary of Health and Human Services regarding the planning, development, funding, and implementation of a comprehensive statewide service delivery system to address the needs of brain injury survivors.

• There are 33 Council members—4 new members, 4 pending appointments, 1 vacant seat

• Council Meets Quarterly

• Council Sub-Committees—Children and Youth, Legislative, Health Services & Service Delivery, Prevention and Veterans.

• DMH/DD/SAS provides Administrative Support to the Council.
Money Follows the Person/TBI

- MFP is a state project that assists Medicaid eligible North Carolinians who live in in-patient facilities to move into their own homes and communities with supports.

- A TBI specific MFP workgroup meets semi-regularly. The objectives of the group include:
  - To clarify processes, from the TBI beneficiary’s perspective, about accessing appropriate coordinated services across different service delivery systems.
  - To identify “low hanging fruit” opportunities for improving/streamlining service access and coordination.
  - To clarify systemic issues that impede effective coordination that require additional information/policy change.
  - To develop preliminary guidance for “entry points” such as DSS and hospital discharge on how to effectively navigate TBI service delivery system.
  - To collaborate with efforts in place to improve TBI screening methods.

- There has been discussion about combining the TBI and IDD MFP workgroups since many of the goals are the same. Separate sub-groups would be maintained as needed.
Questions?