

Challenges in TBI Transitional Care

Examining Traumatic Brain Injury as a Chronic Condition: A Workshop

Session 4: Gaps in The Current Landscape of Rehabilitation Care and Specialized Services for TBI as a Chronic Condition

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Challenges in TBI Transitional Care

- Poor post-hospital outcomes
- Numerous TBI-related issues negatively impacting self-management
 - Navigating transitions in health and healthcare systems
 - Coordinating care
 - Following provider guidance
- Lacking pre- and post-hospital support
 - Patient/family education
 - Providers with TBI expertise in outpatient setting
 - Care continuity
 - Limited & fragmented access to post-hospital services and supports
- Increased burden on family
- Desire for more support from providers

^{1.} Oyesanya, T.O., Loflin, C., Harris, G., Bettger, J.P. (2021). "Just tell me in a simple way": A qualitative study on opportunities to improve the transition from acute hospital care to home from the perspectives of patients with traumatic brain injury, families, and providers. Clinical Rehabilitation 35(7), 1056-1072. doi: 10.1177/0269215520988679.

^{2.} Oyesanya, T. O., Harris Walker, G., Loflin, C., & Prvu Bettger, J. (2021). Negotiating the transition from acute hospital care to home: perspectives of patients with traumatic brain injury, caregivers and healthcare providers. *Journal of Integrated Care*, 29(4), 414-424.

^{3.} Oyesanya, T. O., Arulselvam, K., Thompson, N., Norelli, J., & Seel, R. T. (2021). Health, wellness, and safety concerns of persons with moderate-to-severe traumatic brain injury and their family caregivers: a qualitative content analysis. *Disability and rehabilitation, 43*(5), 685-695.

^{4.} Ibemere, S. McReynolds, V., You, B., Anaya, B., Huang, M., Gonzalez-Guarda, R., Bettger, J.P., Oyesanya, T.O. (2024). Challenges in the transition from acute hospital care to home for Spanish-speaking Latino patients with TBI and families: Perspectives of healthcare providers and interpreters. Journal of Racial and Ethnic Health Disparities. doi: 10.1007/s40615-024-02088-9

Social Determinants of Health Influence Care Transitions

1. Economic Stability

- Finances: health insurance status, money saved preinjury
- Home environment stability
- Food insecurity

2. Education Access and Quality

- Educational level and access to quality education
- Personal health literacy

3. Health Care Access and Quality

- Access to high quality providers in close proximity
- Language barriers when communicating with health and service providers
- Support from providers to manage wellbeing, health, healthcare
- Resources from health system

4. Neighborhood and Built Environment

- Safety of home environment
- Presence of hazards in or near environment

5. Social and Community Context

- Support from family, friends to manage wellbeing, health, and healthcare
- Access to community-based resources



https://health.gov/healthypeople/priority-areas/social-determinants-health

Addressing TBI-Related Challenges with Transitional Care*

Transitional care is defined as actions in the clinical encounter designed to ensure the coordination and continuity of care for patients transferring between different locations or levels of care.



*High need for more TBI-specific transitional care programs

Sample Transitional Care Strategies

- 1. Identification of family caregiver(s) to support patient
- 2. Discharge planning/preparation
- 3. Patient/family needs assessment
- 4. Goal assessment, setting, and support for goal achievement
- 5. Referral to community-based services and resources based on needs and goals; services & resources may be TBI-specific
- 6. Patient/family education and training on self- and familymanagement of TBI and on Brain Injury Coping Skills (BICS)
- 7. Medication / complexity management
- 8. Care coordination / patient navigation
- 9. Interdisciplinary provider collaboration and accountability
- 10. Development of individualized urgent/emergent care plan(s)
- 11. Addressing patient/caregiver well-being
- 12. Hand-off to resource/service-providing entity (e.g., BIAA or state-affiliated Brain Injury Association) for further support

Note: Red font indicates TBI-specific components

BETTER: A TBI Transitional Care Intervention

BETTER TBI Transitional Care Program Activities

1. Assessment of patient / family needs and referral to communitybased resources by phone 2. Patient goal setting and review of goals by phone 3. Health care coordination by phone (includes updating / establishing primary care physician)

 Availability of transitional care manager to patient / family by phone 5. Training on self- and familymanagement and brain injury coping skills by phone or Zoom

6. Warm hand off / referral to stateaffiliated Brain Injury Association

- 1. Oyesanya, T.O., Ibemere, S.O., You, H., Mercado Emerson, M., Pan, W., Palipana, A., Kandel, M., Ingram, D., Soto, M., Pioppo, A., Albert, B., Walker-Atwater, T., Hawes, J., Komisarow, J., Ramos, K., Byom, L., Gonzalez-Guarda, R., Van Houtven, C., Agarwal, S., Prvu Bettger, J. (2023). Efficacy of BETTER transitional care intervention for diverse patients with traumatic brain injury and their families: Study protocol of a randomized controlled trial. PLoS ONE, 19(2), e0296083. doi: 10.1371/journal.pone.0296083.
- 2. Oyesanya, T.O., Loflin, C., You, H., Myers, J., Kandel., M., Johnson, K., Strauman, T., Myers, J., Hawes, J., Byom, L., Gonzalez-Guarda, R., Van Houtven, C., Agarwal, S., Prvu Bettger, J. (2023). The BETTER Traumatic Brain Injury Transitional Care Intervention: A Feasibility Study. Western Journal of Nursing Research, 45(10), 902-912. doi: 10.1177/01939459231189786.
- 3. Oyesanya, T.O., Loflin, C., You, H., Kandel., M., Johnson, K., Strauman, T., Yang, Q., Hawes, J., Byom, L., Gonzalez-Guarda, R., Van Houtven, C., Agarwal, S., Prvu Bettger, J. Design, methods, and baseline characteristics of the Brain Injury Education, Training, and Therapy to Enhance Recovery (BETTER) feasibility study: A transitional care intervention for younger adult patients with traumatic brain injury and caregivers. (2022). Current Medical Research & Opinion, 38(5), 697–710. doi: 10.1080/03007995.2022.2043657.



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