



Module 1: Significance of TBI and introductory information on how the brain works

Section A: Introduction to TBI

- Brain injury definitions
- Incidence of TBI in the US
- Comparison of new cases annually in the US
- TBI and children in the US
- Cost of TBI in the US
- New cases of TBI in Michigan
- TBI in Michigan by age for three levels of TBI severity
- Causes of TBI in Michigan
- Who is most at risk for TBI?
- Why haven't we heard about TBI before?

Section B: What happens when a TBI occurs?

- TBI Events
- Primary events -- what happens during trauma
- Secondary events -- the body's response
- Severity of TBI
- Mild TBI
- Moderate TBI
- Severe TBI
- Complexity of TBI

Section C: Impact of TBI

- General patterns of dysfunction by location of injury
- Functions of the brain
- Functions of the frontal lobe
- Functions of the temporal lobe
- Functions of the parietal lobe
- Functions of the occipital lobe
- Functions of the cerebellum
- Functions of the brain stem
- Need for public services
- Effects on family members
- Effects of TBI on children
- Substance abuse and TBI

Recovery
Case Study

Section D: Assessment
Test your knowledge

Module 2: Common physical, behavioral and cognitive impairments and interaction strategies

Important Things to remember from Module 1
Consequences of TBI

Section A: Physical consequences & strategies
Physical changes
Impairment of body movement
Speech and swallowing problems
Pain as a result of TBI
Sensory difficulties
Fatigue and sleep disturbances
Motor coordination -- it's harder than you think!

Section B: Cognitive consequences & strategies
Cognitive changes
Memory impairments
Slowed processing speed
Attention/concentration deficits
Language comprehension difficulties
Expressive language difficulties
Impaired executive functioning: abstract reasoning
Impaired executive functioning: sequencing, planning and problem solving
Inability to initiate
Things to consider
Processing speed (exercise)

Section C: Behavioral consequences & strategies
Behavioral changes
Inability to control emotions
Social inappropriateness
Difficulty with relationships
Basic behavior strategies
Using antecedents and consequences to elicit appropriate behavior
Other influences
Substance abuse

Section D: Cultural Competence
Cultural competence
How can you pursue cultural competence?

Section E: Conclusion

Recap: Tips for working with people with TBI

What you can personally do to help people with TBI

Case studies

Section F: Assessment

Test your knowledge

Module 3: Screening for a history of TBI

Screening for TBI

The HELPS screening tool

When should the screening tool be administered?

To whom should the screening tool be administered?

Each letter in the HELPS acronym stands for a question

H - Have you ever Hit your Head or been Hit on the Head?

E - Were you ever seen in the Emergency room, hospital, or by a doctor because of an injury to your head?

L - Did you ever Lose consciousness or experience a period of being dazed and confused because of an injury to your head?

P - Do you experience any of the following Problems in daily life since you hit your head?

S - Have you ever experienced a Significant Sickness?

How to score HELPS?

If screening leads you to suspect TBI

Case study

Test your knowledge

Module 4: Public services available for eligible persons with TBI

Service plan building blocks

Section A: Community Mental Health Services Programs

Overview

Eligibility determination

Medical necessity

Eligibility determination for persons with a developmental disability (DD)

Eligibility determination for mental illness (MI)

Available services for CMHSPs

Section B: Substance Abuse Services

Overview

Eligibility determination

Available substance abuse services

Section C: Department of Human Services

Overview

Eligibility determination
Available services

Section D: Long Term Care Programs

Overview
Brain injury rehabilitation program
Home and community based services
Nursing facilities

Section E: Special Education & Early Intervention Services

Overview
Eligibility determination
Available special education & early intervention services

Section F: Michigan Rehabilitation Services

Overview
Eligibility determination
Services available through MRS

Section G: Advocacy and Support Organizations

Overview
Contact Information
Resources and supports for veterans

Section H: The Importance of Networking

Interagency communications
What you can do to promote interagency communication
Case studies

Section I: Assessment

Test your knowledge