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TBI with Persistent Cognitive, Visual, and Emotional Challenges of a 24 Year Old College Graduate

Taryn Bushong
Hope College

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TBI with Persistent Cognitive, Visual, and Emotional Challenges of a 24 Year Old College Graduate

Taryn Bushong, Tonia Gruppen MS, ATC, Kirk Brumels, Ph.D., ATC

Background

What is a concussion?

- A concussion is a jarring of the brain against the skull

What is a TBI?

- Jolt, bump, or blow to the head that disrupts the normal function of the brain

Case Description

- Patient is a 24 year old college alumni
- In Dec. 2019 experienced food poisoning
- Became dehydrated, fell onto slate ledge
- Family member found her unconscious
- Family brought Pt to urgent care (received IV to help rehydrate, not diagnosed with concussion at the time)
- No known previous history of concussions or any other head trauma

Symptoms of TBI

- Cognitive (thinking, memory, and reasoning)
- Sensory (sight, hearing, touch, taste, and smell)
- Communication (expression and understanding)
- Behavior (depression, anxiety, personality changes, aggression, acting out, and social inappropriateness)

Sport vs Patient

Women's lax player

- Cut & turn
- Run
- Run play through head

Goals

- Get back to ADL
- Get back to exercising
- Get back to driving
- Eliminate rests and amount of sleeping

Timeline

