



Disclosure Summary Full Disclosure Policy Affecting CME Activities As a provider approved by the Accreditation Council for Continuing Medical Education (ACCME). Johns Hopkins University School of Medicine Office of Continuing Medical Education (OCME) requires oftested and signed global disclosure of the existence of all financial interests or relationships with commercial interest shore on any individual in a position to control the content of a CME activity sponsored by OCME. The following relationships have been reported for this activity: No individual with the opportunity to affect this educational content has indicated any financial interests or commercial entity relationships. Medications discussed are considered off label and not FDA approved for TBI

Webinar Series Schedule

- Session 1: Introduction and Recognizing Behavioral, Emotional, and Cognitive Symptoms in Brain Injury
- Session 2: Pharmacotherapy for Behavioral, Emotional, and Cognitive symptoms in Brain Injury
- Session 3: Psychotherapeutic Approaches, Psychosocial Education, and Family Support for Patients with Brain Injury
- Session 4: Structuring Environments for Safe, Therapeutic Management of Brain Injuries and Seminar Series Recap and Wrap-up

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Objectives

- Recognize psychotherapeutic approaches used in brain injury
- Describe how psychosocial education is used to improve outcomes and patient acceptance following brain injury
- Identify approaches to support families of those with brain injury

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Roadmap of Today's Session

- ▶ Overview of Psychotherapeutic Interventions
- ▶ Overview of Rehabilitative Interventions
- ► Overview of Systemic Interventions
- ▶ Q&A
- ► BREAK
- ► Example Case discussion
- ▶ Real-time case discussion(s)
- ▶ Wrap-up



Real-Time Case Discussions

- ▶ Following the break, Drs. Peters & Roy will present an example case discussion relevant to the presentation thus far
- As a participant, we encourage you to present an interesting case or a case you'd like advice or feedback on
- For this session, the case discussion will focus on symptom presentation and patient evaluation
- ▶ Important details when presenting:

 - The case must NOT contain identifying information
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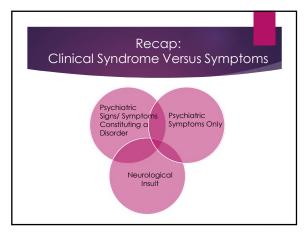
From Session Two: Treatment Approach

- ▶ Neuropsychiatric + idiopathic psychiatric conditions co-occur
- ▶ Brain injury may impact pre-morbid mental health conditions
- ► Multimodality is necessary
- ▶ Pharmacotherapy is often NOT most important

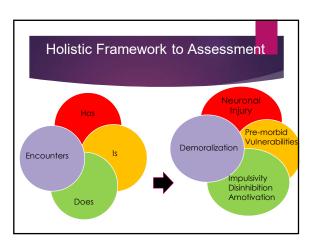
National Association of State Mental Health Program Directors

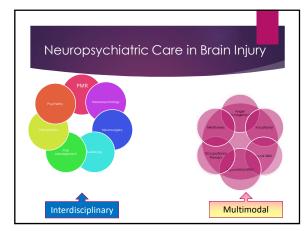
- ▶ Screen for lifetime exposure to brain injury
- Accommodate neurobehavioral deficits due to brain injury
- Use holistic approaches in order to address co-morbid condition
- Supplant improvement gained with other therapeutic supports

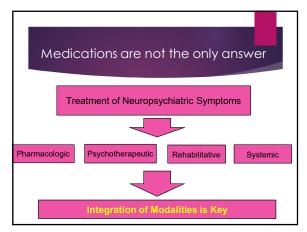
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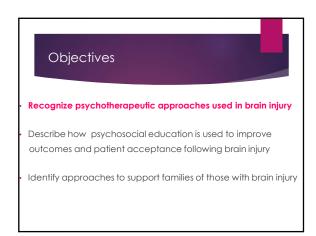


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Approaches to Effective Psychotherapy Brain Injury

- Use interpersonal and adaptive strategies
- ▶ Apply a holistic and rehabilitative mindset
- ▶ Tailor to deficits in attention, processing, memory, executive function
- ▶ Customize the sessions according to ability of the patient

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Psychotherapeutic Strategies

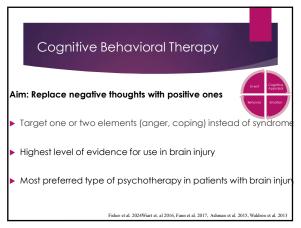
- ▶ Allow for the cognitive difficulties and fatigue
- ▶ Remain structured, clear and precise, talk slowly
- ▶ Allow patient to practice
- ▶ Encourage family encounters with other families

Wiart et. al 2016

Specific Psychotherapies Cognitive-Behavioral Therapy Dialectical Behavioral Therapy Psychoanalytic therapies Sensory Therapies

Wart et al 20

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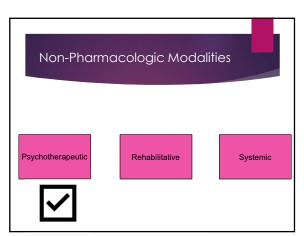


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Psychoanalytical Psychotherapy Aim: Resolution of intra-psychic conflicts following trauma Identify lack of awareness of disabilities (anognosia) Use environmental cues to ground recollections Short, frequent meetings to reduce cognitive load

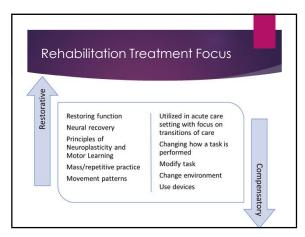












Approaches to Effective Rehabilitation

- ▶ Initiate treatment early
- ▶ Foster and guide the natural recovery processes
- ▶ Decrease the development of maladaptive patterns
- ► Functional change is the goal of treatment

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Specific Rehabilitation Approaches

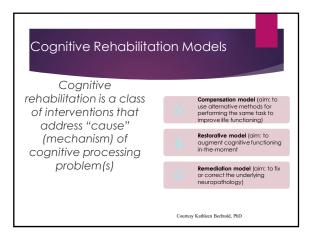
- Cognitive
- ▶ Psychosocial
 - ▶ Vocational Training
 - ► Social Skills Training
 - ► Education Training
- ▶ Physical and Functional
 - ▶ Physical Therapy
 - ▶ Occupational Therapy
 - ▶ Speech Language Therapy

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Cognitive Rehabilitation

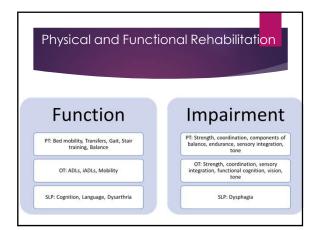
- ▶ Aim to improve functioning by reducing cognitive deficits
- ▶ Manipulates environment to facilitate cognitive function
- ▶ Therapeutic processes/activities should facilitate engagement
- ▶ Restorative and compensatory methods promote engagemen

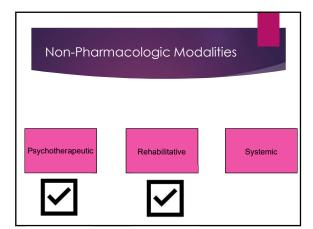
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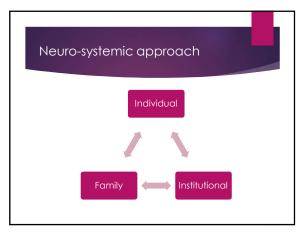


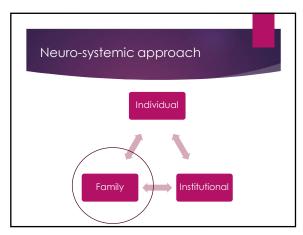












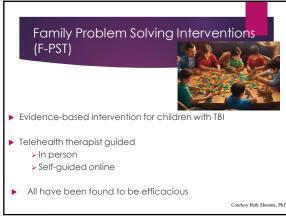
Challenges Families Face Femotional challenges: Grief, anxiety, depression, anger, guilt Role shifts: Family become caregivers, advocates, coordinators Disrupted routines: Roles change, cause tension and stress Relationship strain: Changes affect partners and children

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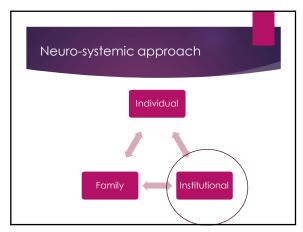
Systemic Family Therapies Aim: to facilitate a family reconstruction Directive- based interventions Aimed at family structure and institutional interactions Combines communication theory + ethnology

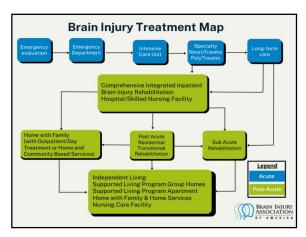
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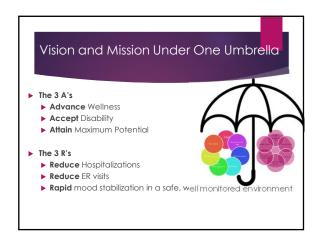


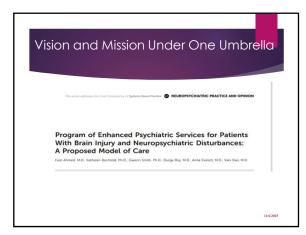


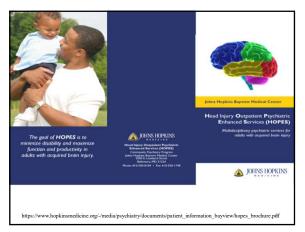


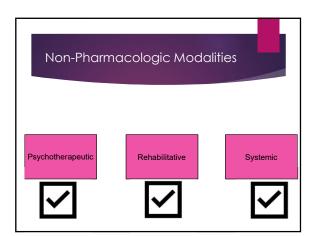






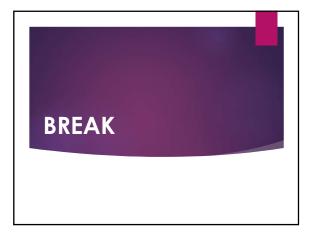






Summary ▶ Medications are not always the answer ▶ Modalities work best when they are integrated as a team ▶ Psychotherapy, rehab and systemic interventions require teams ▶ Tailor modalities to the ability of the patient at the time

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