Webinar Resources

The “Recent Advances and Future Trends in Traumatic Brain Injury (TBI) (2014)” reports the World Health Organization predicts that by 2020 TBI will surpass many major diseases as the cause of death and disability. The article reviews the different modalities, present and future trends, of treating TBI and secondary conditions that arise after experiencing TBI. These factors could impact: the assessment, treatment and care for the individual; support to the families affected; and society and the economy.

“Virtual Reality for Cognitive Rehabilitation After Brain Injury: A Systematic Review (2015)” reviews various virtual reality (VR) programs used in evaluating and treating TBI. The study showed positive effects of VR programs to assess, treat, and evaluate patients with TBI. The results indicated an improvement in cognitive functions and better recovery of the patients.

The “Functional Neuroimaging of Traumatic Brain Injury (TBI): Advances and Clinical Utility (2015)” describes the use of different functional neuroimaging techniques to provide a better understanding of TBI and therefore, improve rehabilitation. The study emphasized seven core functional deficits to further understand the changes in brain functioning and presented recommendations for future studies.

Additional supporting references:


