

IMMERSIVE ART THERAPY

Designed to improve self-awareness and inspire healing after traumatic brain injury (TBI)

reflectxr.com

TBI & ART THERAPY

According to the DSM-5, 1.7 million TBIs occur annually in the United States, resulting in 52,000 deaths. Between 2000 and 2023, 485,000 TBIs occurred among U.S. service members, with TBI accounting for 33.6% of total excess deaths among veterans. These figures do not account for the significant amount of family members, friends, and caregivers impacted by TBI. In the US, treatment costs have been estimated at \$6 billion for PTSD and \$910 billion for TBI. While conventional treatments have had limited success, Art Therapy studies have shown promising results.

GET IMMERSED

Building on the success of art therapy as a therapeutic methodology, Reflect XR brings art therapy into a new dimension by immersing users in a creative environment that inspires exploration, movement, and emotional safety. Several studies, including that of De Luca et al. (2019) found that "VR may be a useful and effective approach for the rehabilitation of patients with TBI, leading to better cognitive and behavioral outcomes."

OUTCOME GOALS

Improve Self Awareness

After a brain injury, it can be difficult to understand the injury's impact and associated changes in self. Reflect XR may assist with processing these changes and integrating them into a sense of self that is growth-oriented with a focus on abilities versus disabilities.

Facilitate Emotional Processing

The goal of Reflect XR is to provide space to process complex emotions related to traumatic experiences through creative expression and discussion.

Improve Future Outcomes

Greater self-awareness is significantly predictive of better rehabilitation outcomes, higher psychosocial functioning, and stronger relationships. Reflect XR focuses on increasing self-awareness to unlock future therapeutic outcomes and inspire healing.

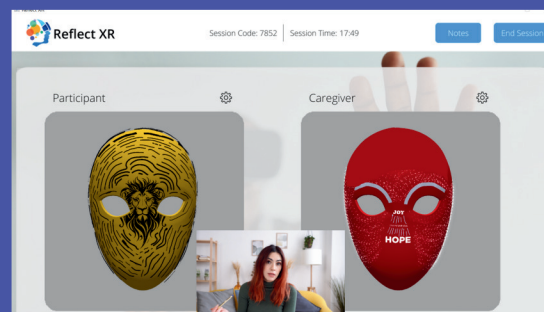


AT A GLANCE

CLINICAL WORKFLOW

- Pre-Injury Portrait
- Post-Injury Portrait
- Dialogue

The cloud-based Reflect XR Platform supports multiple users to include caregivers or loved ones.



DESKTOP APP

Real-Time Monitoring

The Reflect XR desktop application empowers art therapists with metrics, real-time monitoring, and the ability to assist with the user experience.