

Assistive or Adaptive Technology commonly refers to products, devices or equipment, whether acquired commercially, modified or customized, that are used to maintain, increase or improve the functional capabilities of individuals with disabilities or who are otherwise compromised. For the patient population at the NICoE, Assistive Technologist Celene Moorer focuses on incorporating new technologies into a service member's treatment plan in order to assist them with cognitive deficits associated with comorbid mild traumatic brain injury and psychological health conditions.

Mitigating Cognitive Deficits:

Most NICoE patients require cognitive adaptations rather than physical, therefore, most interventions used in the facility are digital and run on either Apple or Android applications. As it becomes more mainstream and patients are becoming more open to these types of applications, digital technology is succeeding in helping this population become more independent. The majority of deficits observed within the NICoE patient population include:



Patient and Family Response

Most interventions support the synching of information on multiple devices via cloud-based applications, allowing family members access from a remote site. While the time each patient spends learning assistive technologies varies based on need, some patients have found the applications intimidating. However, with proper training and guidance, both patients and families are reassured.

Popular applications include:

	<p>Pill Time: Keep track of medications and dosages, and set up reminders to take them.</p>		<p>Tactical Breathing Trainer: Gain control over physiological and psychological responses to stress.</p>
	<p>Voice Memo: Capture a thought, memo, or any audio recording, edit it, and send it via text or email.</p>		<p>PTSD Coach: Provides symptom help and detailed information and resources for PTSD in the DoD or VA.</p>