

TREATMENT PROTOCOLS

Title	The Categorization Program	Virtual Reality for Anxiety	Substance Abuse Prevention	Meaning-Based Language Training	PASS Reading Enhancement Program (PREP)	Parenting the Strong-Willed Child - "AEROSTATA" Parent Training
Description and Purpose	Intense hierarchical cognitive-linguistic rehabilitation program based on contemporary theories of cognitive organization and remedial approaches to rehabilitation	Single session exposure intervention using virtual reality to public speaking situations	Brief Group CBT intervention for children at risk for substance abuse due to having parents who are users or who have psychopathology	A meaning-based training program aiming to improve morpho-syntactic, and pragmatic deficits seen in children with specific language impairment from preschool to age seven	Designed to improve selected aspects of children's information processing skills and enhance their word reading and decoding abilities	Primary/Secondary Prevention - Behavior Training of Parents with Children ages 3-8 years old who show strong-will behaviors and defiance
Structure	Eight treatment levels, hierarchically organized with increasing levels of abstraction. The CP implements errorless learning and hierarchical cues to improve neurocognitive performance	repeated exposures to a created hierarchy of fears		Children read and listen stories and took part in oral language activities that focus on the development of semantic, syntactic and pragmatic skills	10 tasks including 5 treatment levels of increasing difficulty; Each of the tasks involves both a global training component focusing on cognitive enhancement and a curriculum-related bridging element. PREP uses a success criterion of at least 80% for each level before the participant can move onto the next level	Seven Group Sessions - One Preliminary, plus five to teach 5 parenting skills, and one session for integration. Includes weekly homework assignments for practice with the child
Neurobehavioral Domain	Language and Cognition	repeated exposures to a created hierarchy of fears	prevention of through increased emotion regulation	Language and Cognition	Language and Cognition	Behavior and Affect
Dose & Duration	Three-five hours per week for a minimum of two sessions per week. Approximately 12 weeks of individualized treatment	single session about 2 hours	6 group sessions of 1.5 hours	Five hours per week for a minimum of four sessions per week. A 2-month individualized training program	Delivery over a period of 4 weeks in daily 30-minute sessions, on an individual basis, providing an intensive adaptive learning environment with individualized repetition	Two hours per week for seven weeks - Group format
Dependent Measures	Four Probe Tasks at designated intervals to test the generalizability of training plus three CP pre-post measures	Self-reported anxiety to a speech stressor task, physiological arousal during stressor	emotion regulation skills, CBT skills, coping skills	Pre- and post-test phases in which a language comprehension test, a mental state language comprehension task, and a test of syntactic and semantic comprehension administered	Phonological ability, letter knowledge, word reading fluency tasks, spelling and passage comprehension administered at pre- mid-, and post-intervention, and follow-up (6 months after the completion of the intervention)	Multilevel Assessment including Parenting Stress, Child Behavior, Global Assessment of Functioning of the Child, Consumer Satisfaction
Languages	Initially created in English and adapted and validated in Greek	Greek	Greek	It is created in Greek and is under validation	Initially created in English, adapted and validated in Greek	Initially created in English and adapted/enriched Greek
Evidence Level	Two randomized controlled multicenter clinical trials in patients with brain injury (English); one randomized controlled single center study in older adults (English); one clinical (non-randomized) study in adults at risk for dementia (Greek)	Preliminary. Pilot data available, an initial clinical trial with a wait-list and non-active intervention control groups in progress	initial data collection	The program is under validation	Four large cohort studies, employing either an aptitude-treatment approach or an RCT design, comparing the PREP program to competing interventions in young children with RD	Pilot Studies, Three non-randomized clinical trials, One randomized clinical trial