

The Neuro-Art Enrichment (NAE™) Protocol: A Mechanical Framework for Facilitating Neural Scaffolding and Cortical Preservation in Senior Phenotypes.

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Technical Abstract:

This report establishes the theoretical and mechanical foundations of the Neuro-Art Enrichment (NAE™) protocol as a targeted intervention for age-related cognitive decline. Drawing upon the Scaffolding Theory of Aging and Cognition (STAC-r) (Park & Reuter-Lorenz, 2014), the NAE™ protocol is defined as an operational vehicle designed to stimulate compensatory neural recruitment.

By synchronizing high-precision ocular-motor protocols with mechanical haptic engagement (tactile resistance), the intervention targets the neural substrates of the Anterior Cingulate Cortex (ACC). This brief outlines the transition from behavioral observation to a measurable clinical modality, providing a time-stamped roadmap for the subsequent *Mitigation of Synaptic Pruning* and *Century of Mitigation* technical papers.

The objective is to quantify the “Instructional Load” required to move from theoretical scaffolding to sustained functional preservation.