A group of subjects is divided into young and aged groups with additional SCA cases. Each subject undergoes six trials: two trials each of slow-coherent, slow-noise, fast-noise, and fast-coherent conditions.

The experiment measures average bar angle and added noise over time, with time points at 10, 20, 30, and 40 seconds. The bar angle ranges from 0 to 40°, with added noise reaching up to 50°.