

An AHEI Dietary Intervention to Reduce Pain in Women with Endometriosis Statistical Analysis Plan

Statistical Analysis

The primary planned analyses of the intervention effects will compare the changes in outcome measures between the intervention and control groups from baseline to the 12-week follow-up. Accordant with the intention-to-treat principle, participant outcomes will be analyzed by treatment assigned regardless of adherence level. Analyses will be conducted using all available data. We will use the generalized estimating equations modification of linear regression to model the relationship between outcomes measures and the dietary intervention. This method will account for the correlation within individual data over time and include adjustment for measurement time and other potential covariates.