

Diabetic Complications Consortium

Application Title: Association of Diabetes, Inflammatory Markers, and Urinary Incontinence in Women: Results from the Look AHEAD trial

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1. Project Accomplishments:

- The investigators have communicated at least monthly on the analytical plan and worked with the LookAHEAD Data Coordinating Center (DCC) on finalizing the analysis plan. The plan was approved by the Publications Committee (P263) and a writing group was established. The DCC is currently performing the analyses (ancillary studies to their primary data collection). Since we are one of many projects in the queue for analyses at the Coordinating Center, we have to wait for the results.

2. Specific Aims:

Specific Aim 1. At baseline, determine the strength and direction of associations between inflammatory biomarker levels (inflammation: high sensitivity CRP (hsCRP), interleukin 6 (IL-6), plasminogen activator inhibitor-1 (PAI-1); anti-inflammation: adiponectin) and UI, by type and severity, controlling for potential confounders of UI.

Results: Analyses are in progress at the LookAHEAD Coordinating Center. Writing will continue as results are available.

Specific Aim 2. From baseline to year 1, to evaluate if and to what extent changes in inflammatory bio-marker levels predict incident UI or change in severity of prevalent UI, controlling for potential confounders.

Results: Analyses are in progress at the LookAHEAD Coordinating Center. Writing will continue as results are available.

Specific Aim 3. Determine whether the association between inflammatory biomarker levels and UI depends on level of diabetes control, measured by HbA1c.

Results: Analyses are in progress at the LookAHEAD Coordinating Center. Writing will continue as results are available.

3. Publications:

None to date.