

# Non-Nutritive Sweetener Consumption and Glucose Homeostasis in Older Adults With Prediabetes

NCT05337098

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Virginia Polytechnic Institute and State University
Enrollment	30 participants

## Key Eligibility Criteria

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### Inclusion (10)

- Age 40+ years
- Prediabetic (fasting glucose concentration of 100-125 mg/dL, 2-hour oral glucose tolerance test glucose concentration of 140-199 mg/dL, or a HbA1c value of 5.7% to 6.4%)
- Weight stable for previous 6 months ( $\pm 2$  kg)
- BMI  $\leq 40$  kg/m<sup>2</sup>
- Sedentary to recreationally active
- ... and 5 more (see full listing online)

### Exclusion (11)

- BMI  $> 40$  kg/m<sup>2</sup>
- Diabetes or diabetes medication
- Antibiotic, prebiotic or probiotic use in prior 3 months
- Uncontrolled hypertension (blood pressure (BP)  $> 159/99$  mmHg)
- Diagnosed inflammatory bowel disease
- ... and 6 more (see full listing online)

## Locations (1 total)

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Virginia Tech, Blacksburg, Virginia, United States