

The UVA Center for Diabetes Technology seek female participants, age 18-40 y.o., with Type 1 Diabetes for a research study. This study will recruit female participants who are using oral contraceptive with one week of placebo as well as female participants who are not using hormonal contraceptive ("free cycling").

This study is trying to find out how much the menstrual cycle effects the blood glucose variability and the effectiveness of insulin delivery. Your glucose levels will be tracked using a commercially available continuous glucose monitor (CGM) throughout the duration of three menstrual cycles.

The study involves 5 study visits and 3 months of home use of the study equipment. In this study, you will

- Wear CGM and activity tracker each day through 3 menstrual cycles
- Record monthly menstrual cycle in App
- Upload data collected on insulin pump, CGM, the activity tracker, and menstrual tracking app each month and provide to study team
- Monthly contact with the study team
- For subjects not on oral contraception, you will need to take an ovulation test each month you are enrolled in the study

Compensation is \$200 for completing the study.

**Contact Information:**

For more information please contact:

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Website: <http://www.medicine.virginia.edu/research/institutes-and-programs/cdt>

Research Participant Database: <https://med.virginia.edu/diabetes-technology/research/>

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