

Study protocol: Flash Glucose Measurements in Children with Type 1 Diabetes – Accuracy, Bias and Clinical Impact of Measurement Errors.

1. Recrutement phase: 1.06.2016 – 24.07.2016;
2. Summer camp: 24.07.2016-06.08.2016:

Study:

Day 1. Placement of FreeStyle Libre sensors, training in handling the device.

Day 3, 7 and 10. Supervised glucose testing in eight predefined time points (before and 2h after breakfast, before and 2h after their midday meal, before and 2h after dinner, at midnight and at 3 a.m.)

Day 12. Removal of FreeStyle Libre sensors, final questionnaires, taking capillary blood samples for measurement of glycated hemoglobin (HbA1c).

3. Download of data from FreeStyle Libre reading devices and manual review of history of measurements.
4. Data analysis.