ACCESS 2: AI for pediatriC diabetiC Eye examS Study 2

NCT05463289

Status	RECRUITING
Phase	Not Applicable
Sponsor	Johns Hopkins University
Enrollment	500 participants

Plain Language Summary

This study is testing an AI-powered eye camera system designed to detect diabetic retinopathy — a complication of diabetes that damages the blood vessels in the back of the eye and can eventually cause vision loss — in children and teenagers with diabetes. The goal is to see whether this automated system is as accurate as traditional specialist eye exams, potentially making screening faster and more accessible.

You may be eligible if...
- You are a child or teen with Type 1 diabetes diagnosed for at least 3 years, and are age 11 or older (or in puberty)
- OR you have Type 2 diabetes (any age)
- OR you are 8–21 years old with known diabetic eye changes (enriched comparison group)

You may NOT be eligible if...
- You have other eye conditions that would make fundus photography difficult
- You are unable to cooperate with the eye imaging process
- You have a condition that prevents you from safely completing the exam

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (7)

- Meets American Diabetes Association (ADA) criteria for diabetic retinopathy screening:
- Diagnosis of Type 1 diabetes for e3 years, and age 11 or in puberty
- Diagnosis of Type 2 diabetes
- Enriched cohort:
- Patients with Type 1 or Type 2 diabetes,

... and 2 more (see full listing online)

Exclusion (1)

- Known diabetic eye exam in the last 12 months

Locations (1 total)

Johns Hopkins Pediatric Diabetes Center, Baltimore, Maryland, United States