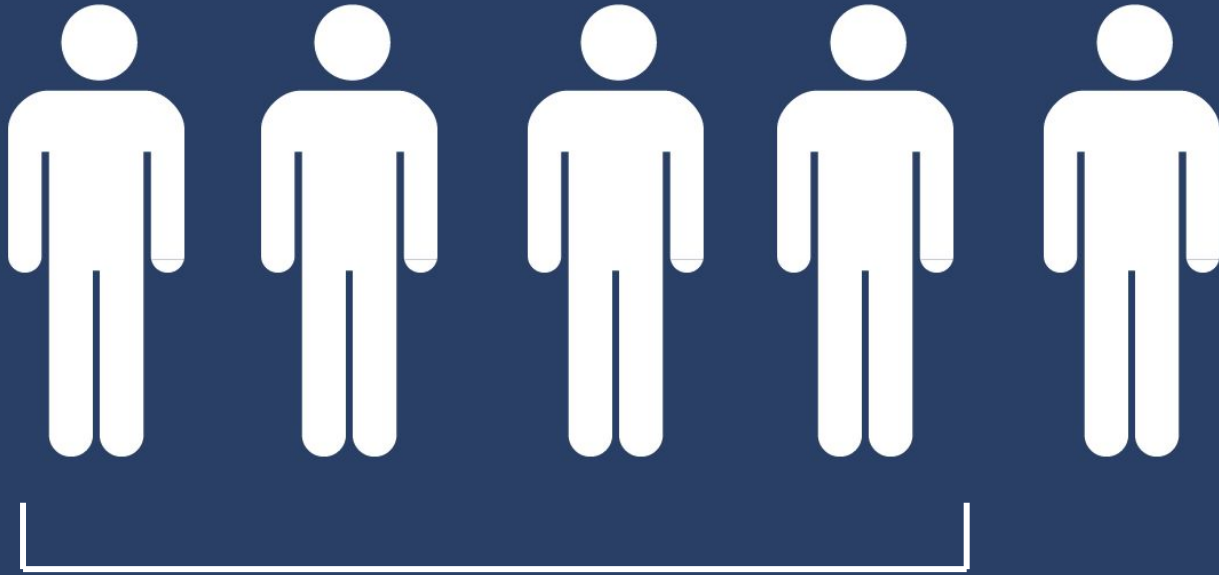




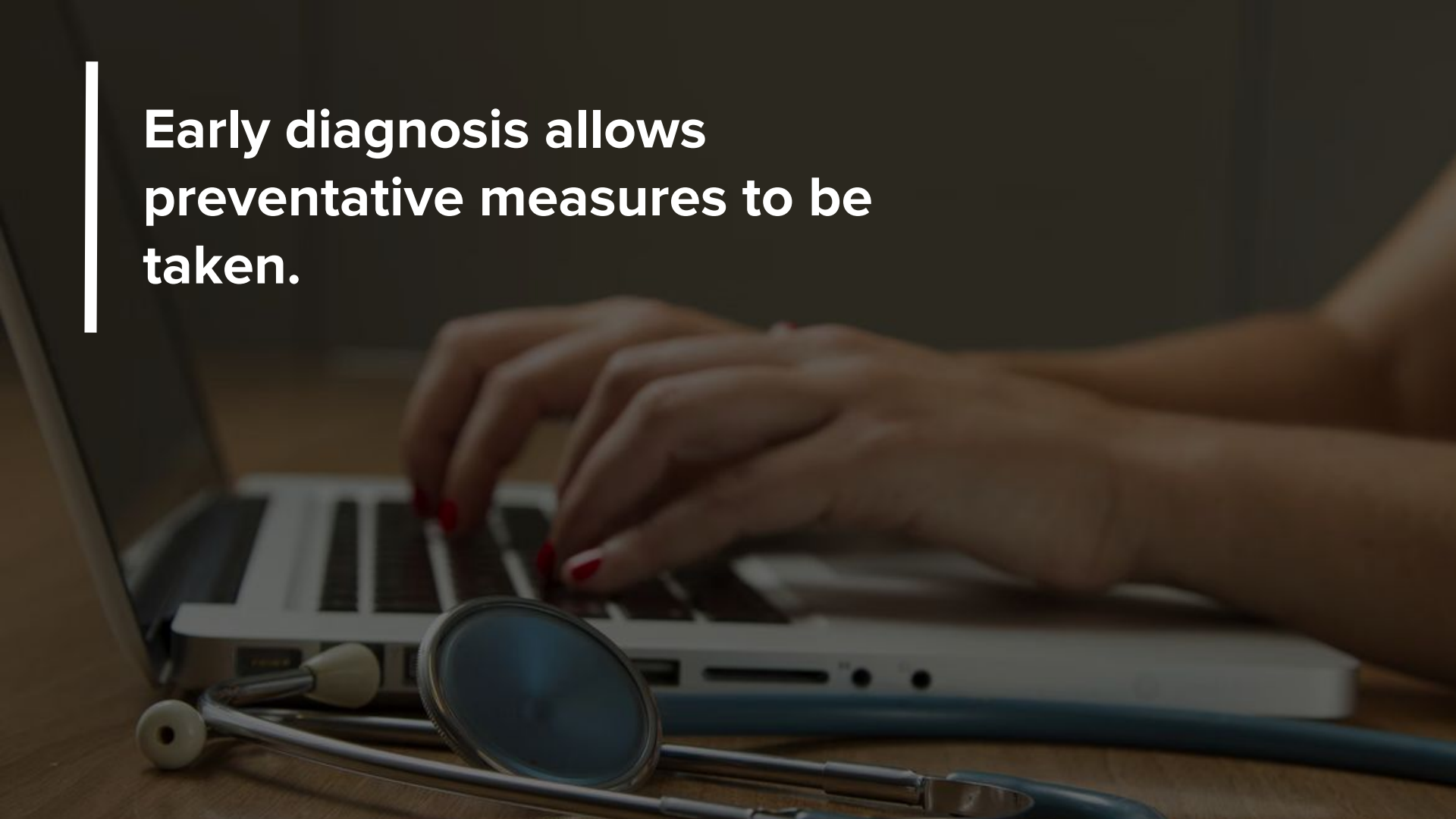
1 in 3 American adults have prediabetes




More than 80% of people who have prediabetes don't know they have it.

– CDC

**Early diagnosis allows
preventative measures to be
taken.**



A collection of medical supplies is arranged on a dark brown surface. In the upper left is a blister pack with ten white, round pills. Next to it is a small orange plastic container filled with yellow, oval-shaped pills. To the right of the container is a white, circular pill bottle cap. In the center-right is a blue and white handheld digital glucose meter with a small screen and two buttons labeled 'S' and 'M'. Below the meter is a blue and clear insulin syringe with a needle attached. At the bottom right is a white and grey insulin pen. The text 'Current Methods' is overlaid in the center in a large, white, sans-serif font.

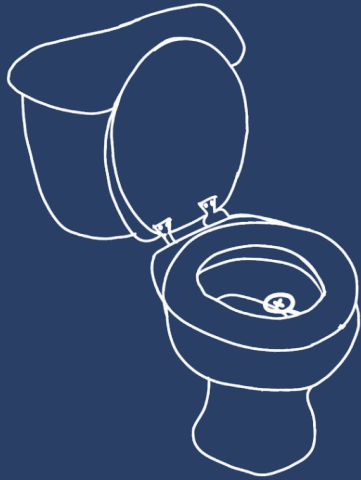
Current Methods



ElectriFlush

A stand-alone, IoT, nano electrometer sensor

1. **Hydrogen Peroxide → oxygen gas + hydrogen and energy**

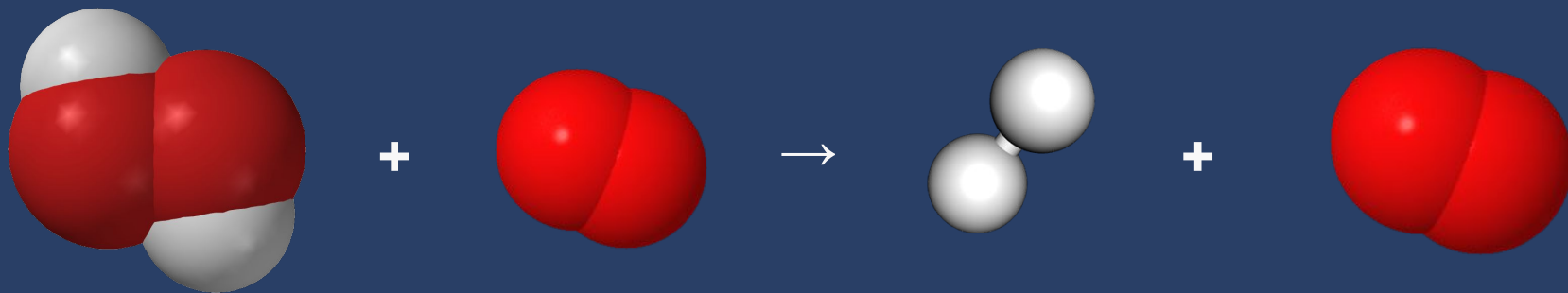


2. The energy created is directly proportional to the glucose molecules present in the urine.

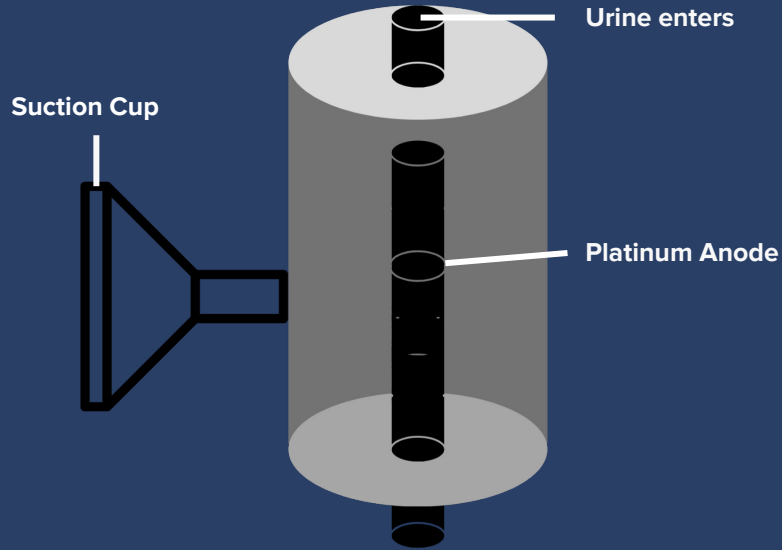


3. Then, we use a electrometer sensor to measure energy levels which all gets sent back to the user's phone.

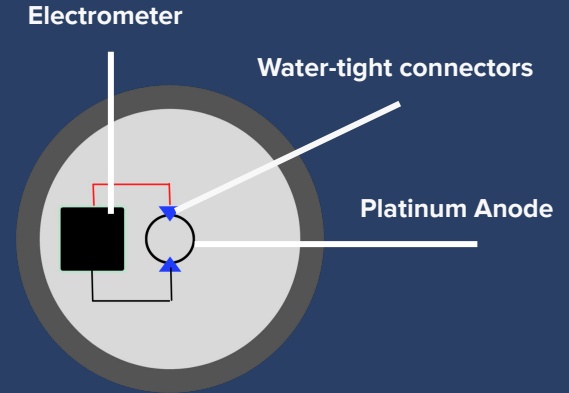




Nano Electrometer



Platinum Anode



Electrometer





Electriflush



Pre-Diabetes



Your glucose is higher than normal.
We recommend you should see your doctor.

Diabetes is a life long disease where your kidney can't process glucose. It can be formed by the over consumption of sugar. Pre-Diabetes is the breaking point in between Diabetes and no diabetes, where you can receive proper treatment to slow it. We recommend going to your doctor for further information about you and diabetes.



Pancreatic Cancer

Getting
Scans



Bladder Cancer

Getting
Scans



UTIs

Getting
Scans



Kidney Disease

Getting
Scans



Instruction Manuel





\$300 billion saved



70 million fewer cases



0 Needles

Team



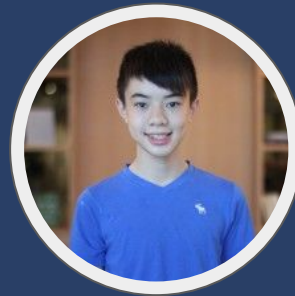
**Emma
Eisenhauer**



**Ishan
Chenthooran**



**Mansi
Katarey**

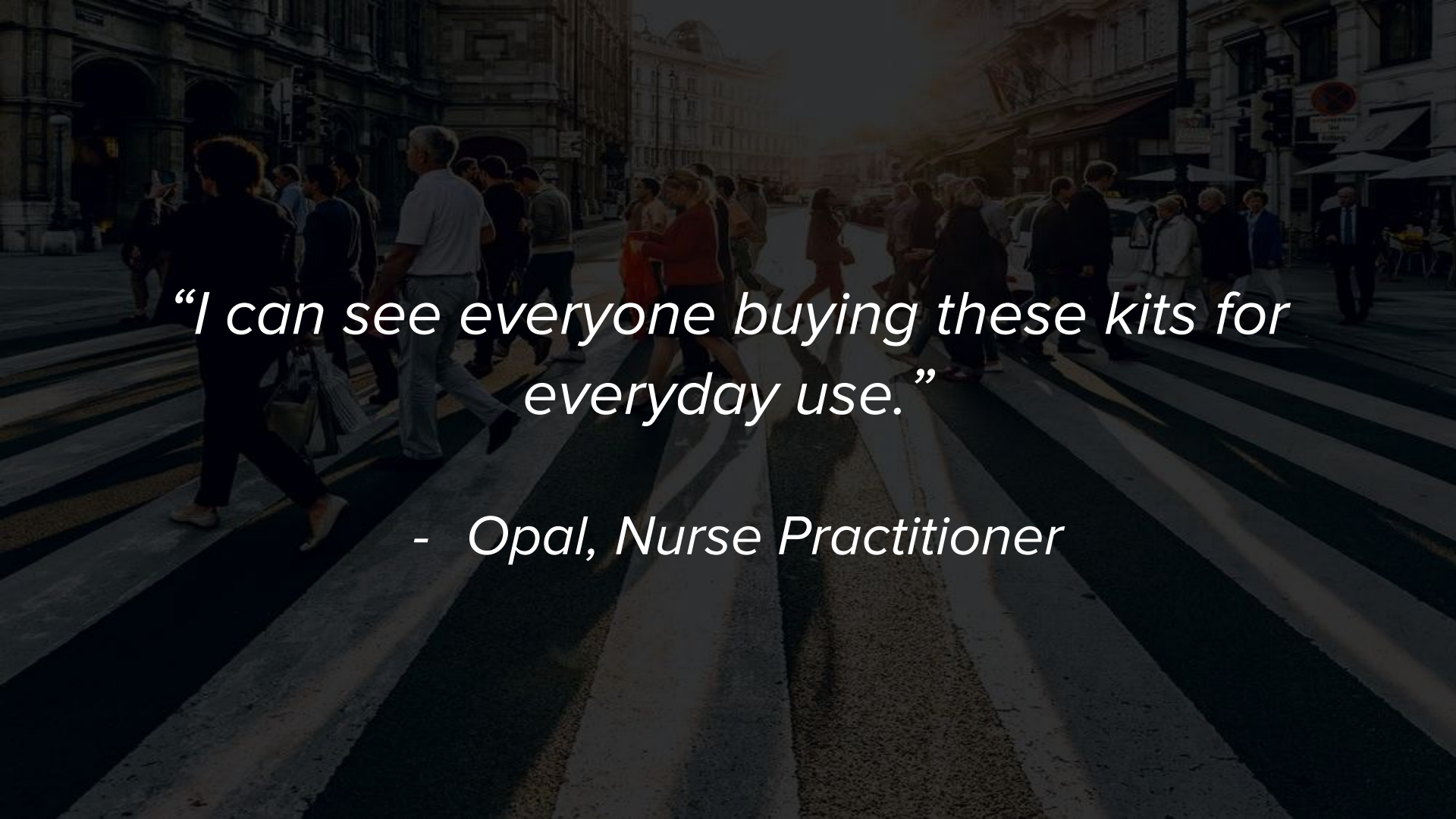


**Ryan
Chan**



**Ciara
Sejour**



A photograph of a busy city street with many pedestrians crossing a zebra crossing. The scene is captured from a low angle, looking down the street. The pedestrians are diverse in age and attire, some carrying bags. The background shows historic buildings and streetlights. The image is dimmed to serve as a background for text.

“I can see everyone buying these kits for everyday use.”

- Opal, Nurse Practitioner