The problem
Iron deficiency in children is found way too late. Research shows iron is critical in early childhood development, yet even in the US, 30% of children are iron deficient, and we miss a staggering 90% of them. This is because we only screen for anemia, the end-stage of iron deficiency, after permanent damage to physical and cognitive development has already been done.

How iron deficiency hurts children
An infant becomes iron deficient
Iron is robbed from the heart and skeleton
Iron is robbed from the brain
Lastly, the child becomes anemic
We only test for the end stage

The solution
IronScan™ is a quantitative, scalable, paper-based diagnostic that finds iron deficiency early. Our mission is to catch the 90% of children who are missed today, prevent downstream damage to their growth and development, and dramatically reduce the global burden of iron deficiency.

How to use
Collect blood
Dispense on cartridge
Dispense buffer
Results in 10 minutes

Laboratory level accuracy
Built on more than 5 years of biomedical innovation at Cornell University, VitaScan is the first portable device for rapid and quantitative nutrition testing.

"IronScan™ fingerstick data collected at pop-up clinic in the Bronx – NY-Presbyterian Hospital."

Partners and Funders
We have spent considerable time researching the market and engaging with partners. As a result of these efforts, despite being two years out from launch, we have already received multiple purchase orders, a letter of intent for distribution from a leading global hematology company, and established a partnership with a pharmacy chain that spans six African countries.