



Blood pressure monitoring reimagined



RAISING THE STANDARD OF CARE FOR INFANTS

THE INVESTMENT THESIS

Reliable continuous BP monitoring could positively impact the lives of more than 100 million Americans. 50% of adults in the US have high blood pressure, leaving them at risk for heart attacks, strokes, and dementia. It is a primary or contributing cause of death for approximately 500,000 Americans per year.

Caring for premature infants in the NICU involves continuous blood pressure monitoring, which requires an arterial line. Placing an arterial line in these infants is highly invasive given the very small size of their veins. It can lead to many complications, such as infections, tissue and nerve damage, as well as a high bleeding risk. Not only is it painful, it's also difficult to place and very expensive. For infants and their families, continuous monitoring can be destructive to their quality of life and the bonding that is so crucial during this first phase of a child's life.

PyrAmes is Developing a Solution

PyrAmes is developing capacitive-sensing technology in the form of a wearable, non-invasive sensor. It is low-cost, comfortable, and measures blood pressure with the accuracy of an arterial line. Starting with neonates, PyrAmes is developing the new standard for BP monitoring in the form of inpatient, single-use devices. They are also on track to eventually develop and distribute long-term smart-watch products for BP monitoring in adults.

