



In Vitro Diagnostic Solutions

**Pioneering a New Era in Metabolic
Disorder Care (e.g.PKU)**

Inherited Metabolic Disorders

DISEASE OVERVIEW



Inherited Metabolic Disorders (IMDs)

Drastically impair health outcomes and quality of life. Genetic issues that chronically disrupt metabolism leading to the accumulation of toxic substances affecting **~170K US patients**



Impact

- Mortality | **>21X** higher mortality likelihood
- Organ dysfunction | **>50%** of patients
- Developmental disabilities | **>40%** of patients



Management

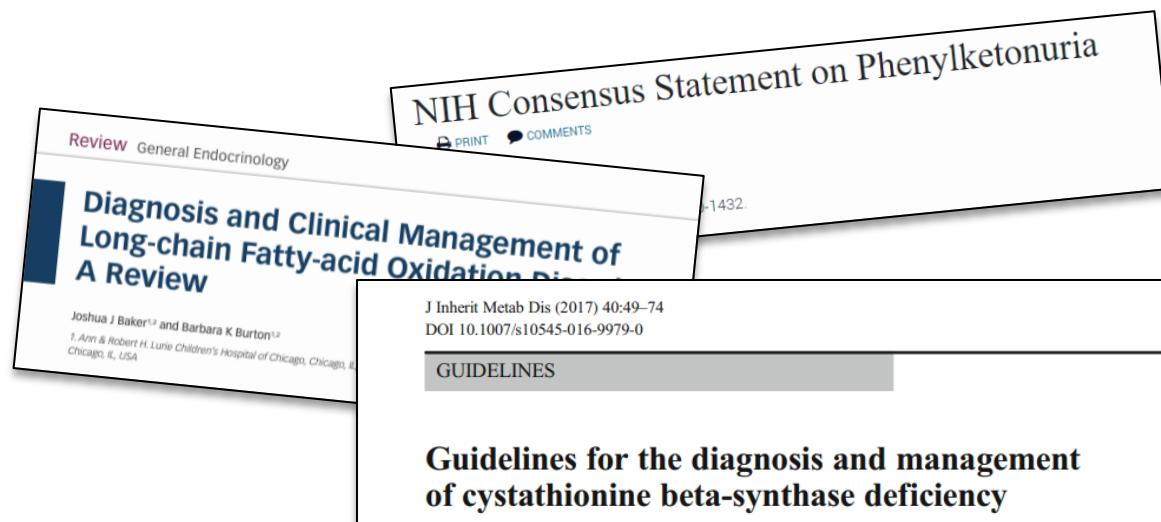
Dietary changes, medication and **monitoring**



Sources: Epidemiology- [Journal of Global Health 2018](#), Disabilities- [Frontiers in Neurology 2023](#), Mortality- [Journal of Pediatrics 2023](#)

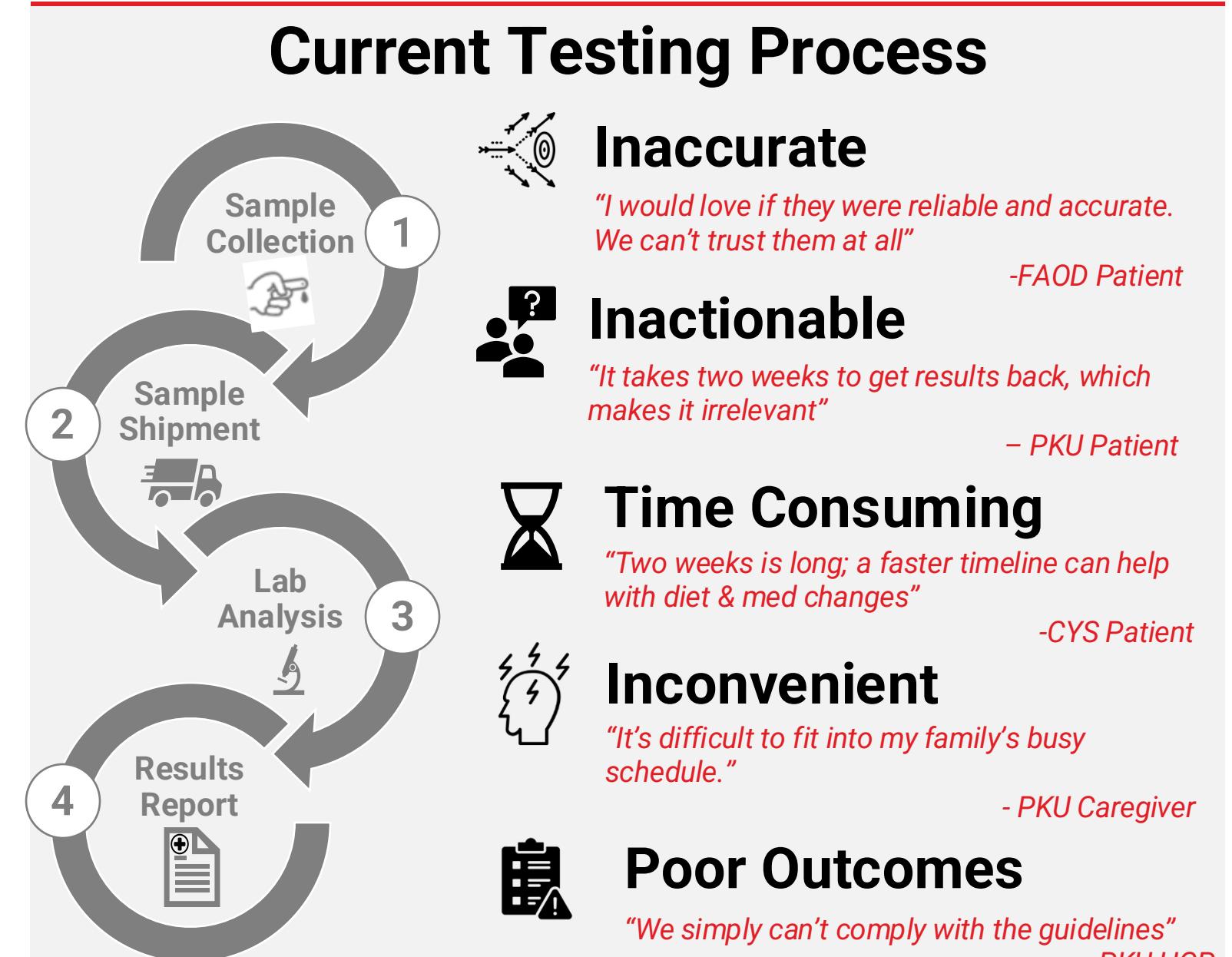
Monitoring IMDs

IMD MEDICAL GUIDELINES



Frequent monitoring is essential to manage diet, medication, activity but challenging leading to poor outcomes

Sources: [PKU Guidelines](#), [FAOD Guidelines](#), [HCU Guidelines](#)



PKU Now

PKU Now is the first handheld Phe-monitor providing accurate results instantly and easily, enabling better health outcomes

✓ **Accurate**



✓ **Instant**

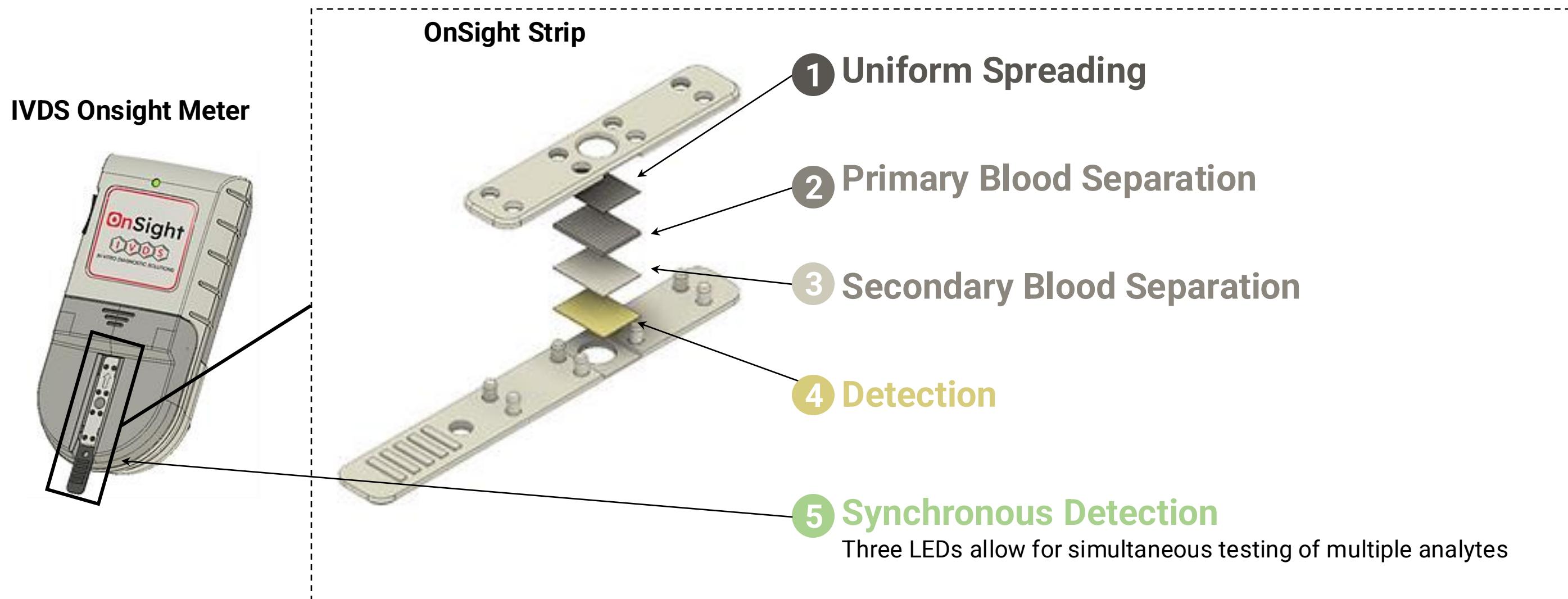
✓ **Easy**

✓ **Portable**



Test Strip Configuration

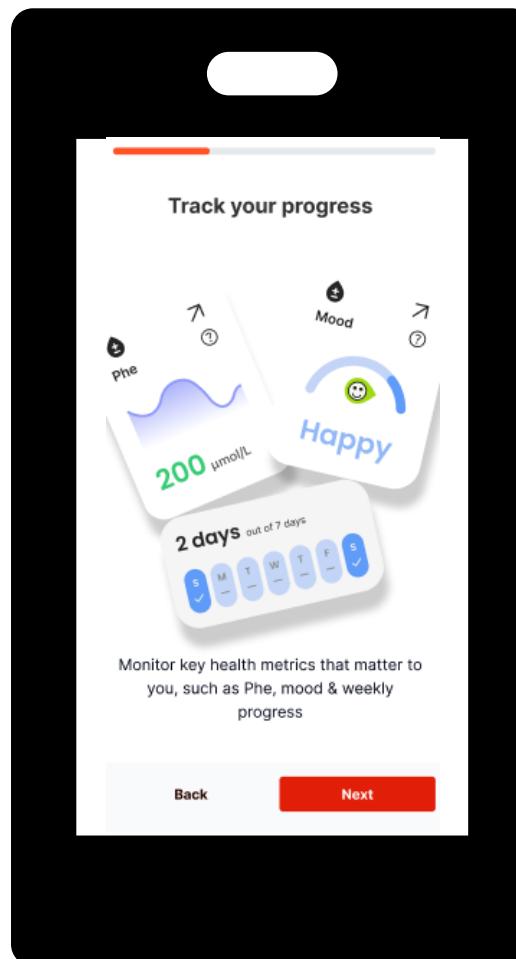
Proprietary blood separation enables simultaneous analysis of multiple analytes



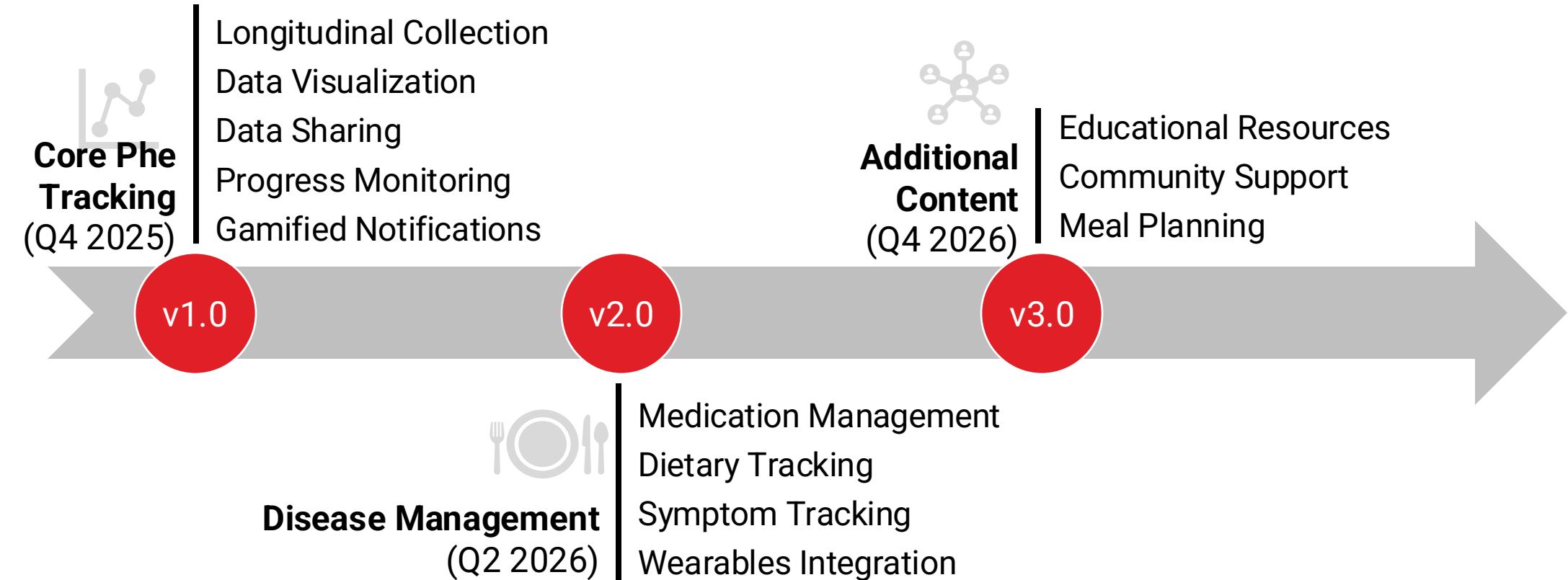
PKU Now Instructions for use (Video)

PKU Now Connect

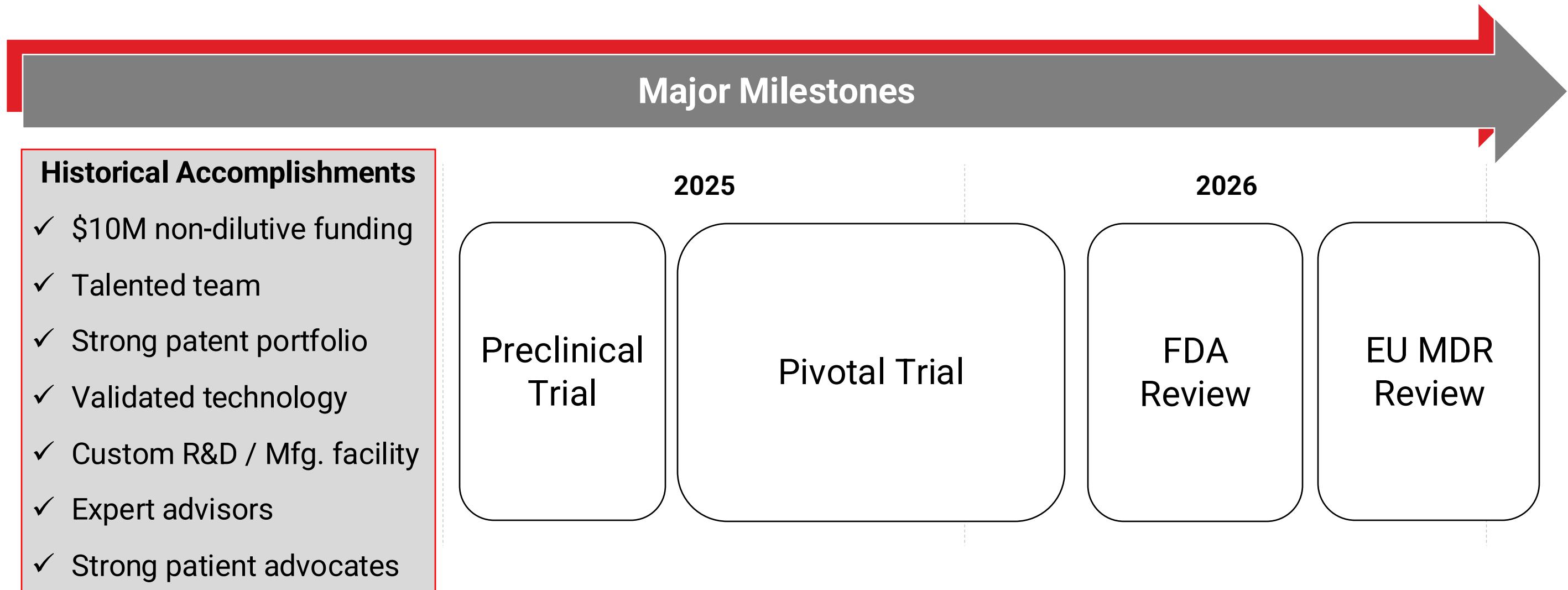
Provide insights for patients to optimize health



PKU Connect Mobile Application Feature Roadmap



PKU Now Timeline



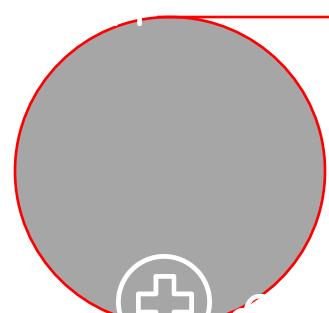
Key Takeaways

IMD MANAGEMENT

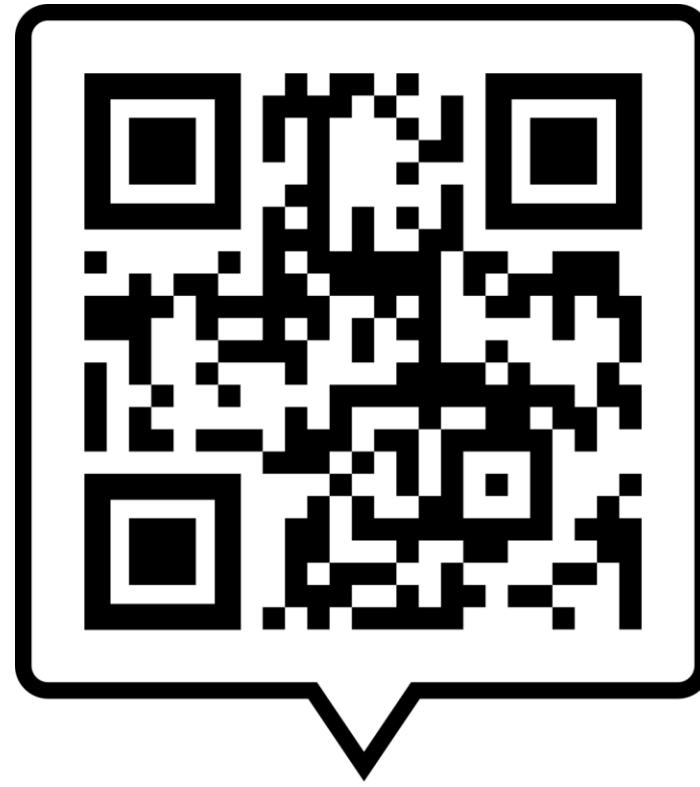


Despite progress in IMD management, studies show **dietary compliance and monitoring remain a significant challenge**

FEEDBACK



Majority of interviewed **patients, caregivers and clinicians** believe that the '**PKU Now**' will be **broadly adopted, and increase compliance and monitoring leading to better health outcomes**



SCAN ME

**Sign up (scan code) and
Join Us in Transforming
Metabolic Disorder Care**