

Improving Population Health and Reducing Healthcare Costs

Using HealthPals guideline-driven, AI-enhanced analytics

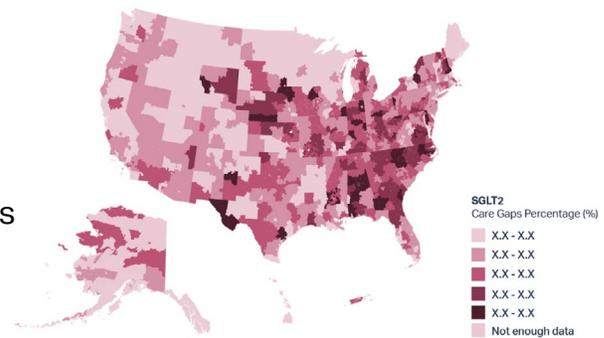
Current evidence based medicine is a one-size-fits-all approach. In addition, it has been estimated that approximately 50% of all patients are not receiving evidence based care. For patients with chronic diseases, not receiving the appropriate care may result in increased risks of severe adverse events or death all of which dramatically increase healthcare costs. To ensure patients receive the appropriate, evidence based treatments and to reduce the cost of care for high-risk patients HealthPals has developed CLINT™ a data-agnostic Clinical Intelligence platform that applies codified clinical guidelines to Real World Data to define the medical state of each patient in a population and to determine whether each patient is receiving the appropriate care. In cases

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where a patient is not, CLINT™ identifies these gaps in care, identifies the appropriate treatment path and provides specific, evidence based treatment recommendations to close those gaps. This can all be done at the individual level and scaled to the population level. By ensuring that patients are receiving appropriate, evidence based

treatments, CLINT™ aids in improving the health of the overall population and reducing the costs associated with chronic diseases.

HealthPals has helped payers and single-payer healthcare systems identify significant sources of savings through appropriate treatment of their high-risk patient populations. Correcting a single gap in care in a high-risk population can reduce payer costs significantly. An ROI calculation performed for a top 5 payer showed that a savings of \$750M/yr could be realized by addressing a single cardiovascular care gap in their population of roughly 40M patients. A similar ROI calculation



for a government run healthcare system showed that, by closing a single care gap in their population of 8M patients, a savings of over \$150M could be realized.

In addition to providing evidence-based insights, CLINT™ delivers ML and AI predictive models to identify patients who are at risk of disease progression or adverse events and who may not be identified using traditional risk assessment tools. The models also identify patients who are more or less likely to respond to particular treatments. **CLINT™ models are built using data from over 1.4 Billion life years of longitudinal patient data and have been shown to outperform current Gold Standard risk models.**



Clinical & Data Expertise

CLINT™ was built with deeply integrated clinical and machine learning expertise, approved by medical societies like the American College of Cardiology and has been tested on over 150 Million patients.

Efficiency and speed

CLINT™ with its dashboard and report generating capability can be deployed rapidly to deliver actionable insights within weeks to customers to solve critical pain points.

Generalizability and Scalability

HealthPals' technology platform is nimble in its ability to easily incorporate new data sets, guideline rules and functional modules into the platform and is scalable to multiple drug and therapeutic areas and use cases.