

AccelarMed™

The Intelligence for your
business of healthcare



Drive Digital Transformation through a fusion of
Predictive Analytics and Artificial Intelligence
with Value Based Payment Analytics



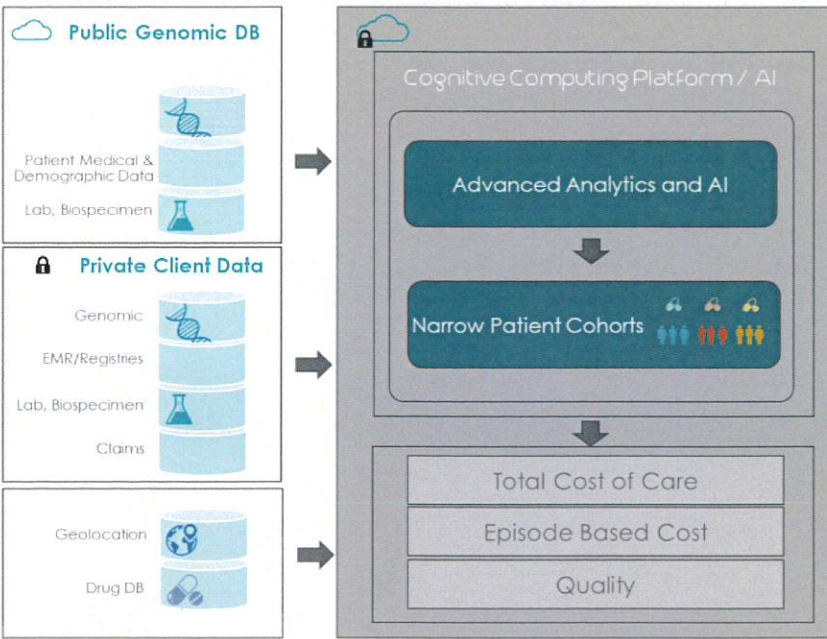
The MSIDE Solutions *AccelarMed™* is an adaptable, flexible and scalable Big Data, Predictive Analytics and AI Platform to power healthcare transformation through personalized medicine and value based performance optimization.

www.mside-solutions.com

Precision Medicine is transforming health care by shifting from “one-size-fits-all” to considering the variability of genes, environment factors and lifestyle preferences of patients in designing highly individual treatment and prevention plans.

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AccelarMed™ enhances the traditional provider performance analysis by leveraging vast amount of health data and applying advanced AI/machine learning models and real-time analytics:



similar genomic, clinical, demographic and lifestyle characteristics, the specific combination of medications and treatments linked to better outcomes and higher survival rates.

2 Define Value-Based goals for Quality, Cost and Utilization for the Complex Narrow Patient Cohorts

- Aggregate clinical, quality and financial data
- Identify feasible total or episodic cost of care and quality thresholds leveraging actionable insights into cost, quality and utilization across the continuum of care for the identified narrow and complex patient cohorts.

3 Measure Outcomes and Improve

- Track key financial, quality and utilization metrics against the defined targets
- Identify Virtual Provider Teams and Individual Providers that deliver most effective and efficient care for the identified narrow and complex patient cohorts.

1 Identify Complex Narrow Patient Cohorts using Big Data, Advanced Analytics and AI

Big Data: public and client data

- Genomic Information
- Clinical Information including diagnoses, medical history, treatment plans (surgeries, chemo-, radiation and drug therapies) etc.
- Lab Results, Biospecimen
- Lifestyle data such as BMI, history of smoking etc.

Various scores (Karnofsky score, ECOG score, Gleason grading), AJCC staging information etc.

- Survival rates

Advanced Analytics and AI: narrow patient cohorts

The AI algorithms can identify patient cohorts with

the specific combination of medications and treatments

