28% of Medicare Beneficiaries have diabetes

Two-thirds have multiple chronic conditions
“Population Health Doesn’t Change Clinical Management”
From One-Size-Fits-All to Precision Medicine

1. From One-size-fit-all Medicine

One-size-fit-all Medicine:
- Patients are grouped by:
  - Disease Subtypes
  - Risk Profiles
  - Demographics
  - Socio-economic
  - Clinical Features
  - Biomarker
  - Molecular sub-populations

2. To Precision Medicine

Precision Medicine:
- Individual patient level:
  - Genomics and Omics
  - Lifestyle
  - Preferences
  - Health History
  - Medical Records
  - Compliance
  - Exogenous Factors

Companion Diagnostic (CDx) Biomarker

Precision medicine ensures delivery of the right intervention to the right patient at the right time.

Therapy (Mainly Rx)

Adverse Event
- No Benefit
- Benefit

Each Patient Benefits From Individualized Treatment
Aggregate - Analyze – Advise, but How?
Bringing precision medicine into clinical workflow