

# The industry-standard data ingestion and biomarker science backbone for clinical studies

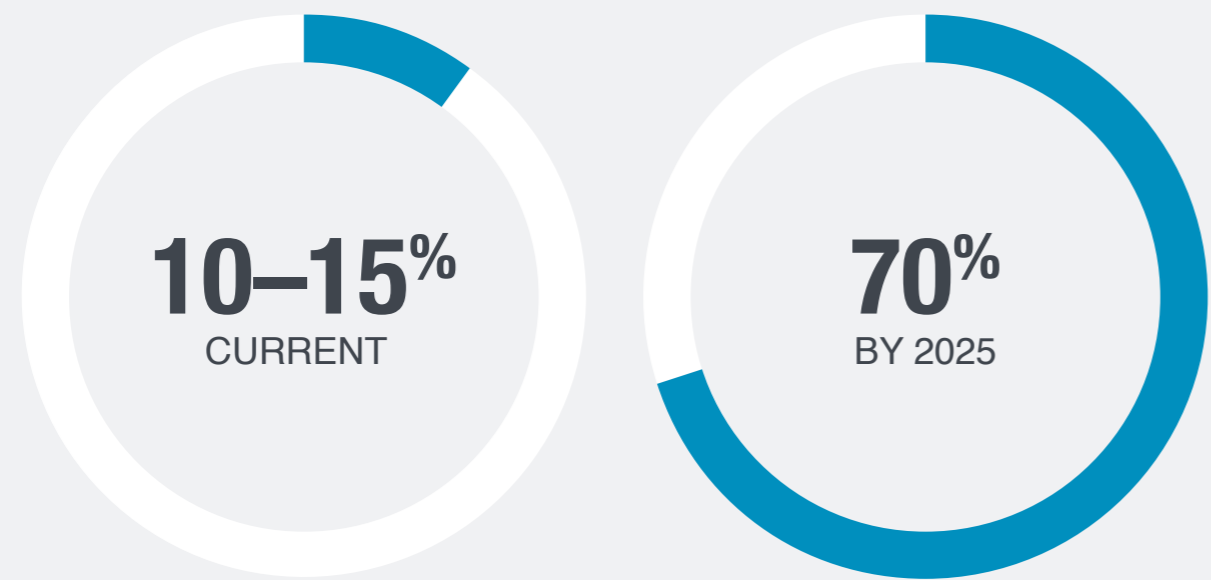
CREATE A MORE FLEXIBLE, PATIENT-CENTRIC EXPERIENCE

TRANSFORM DATA INTO MEANINGFUL REAL-WORLD EVIDENCE

DEVELOP GREATER CLINICAL INSIGHTS

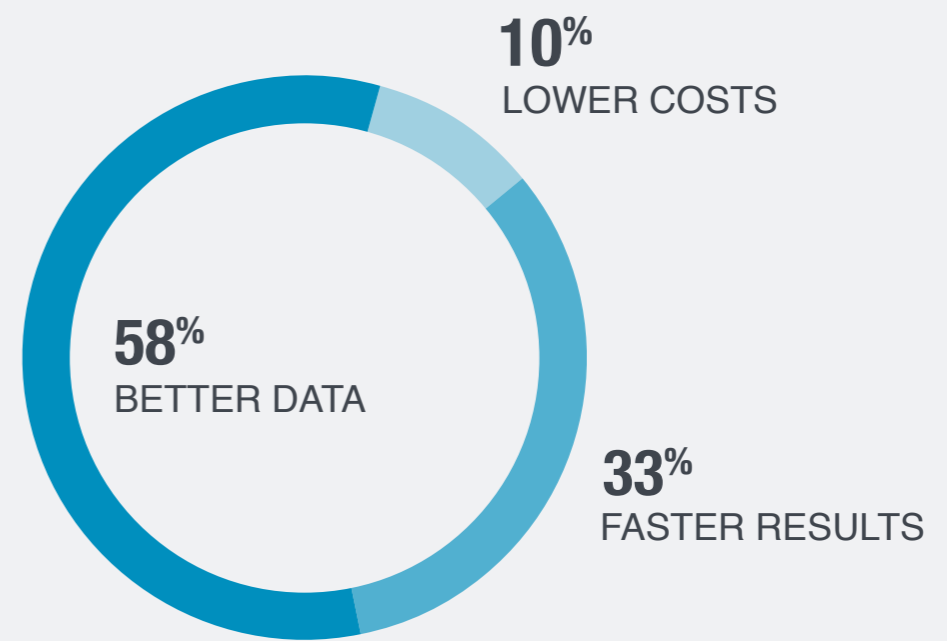
## Sensor Usage in Clinical Trials

The use of sensors in clinical trials is estimated to increase 7-fold in the next five years.<sup>1</sup>



## Anticipated Benefits

Researchers asked 80 pharma leaders for their #1 anticipated benefit from wearables.<sup>2</sup>



### Devices and Sensors

Ingest, Process and Normalize

## Device Flexibility

Choose from Sensor Cloud's growing library of supported devices and sensors or select your own depending on your patient study designs.



SET UP  
**6 TO 8**  
WEEKS

### Common Data Model

Analyze and Validate

## Common Data Model

Our common model enables rapid ingestion and analysis of patient data. Apply previously vetted algorithms or develop new ones to address your study goals.



### Digital Biomarkers and Endpoints

Monitor and Predict

## Plug-and-Play Biometrics

Build and scale your sensor strategy with a flexible approach based on a library of approved biometrics in a variety of therapeutic areas.

### MEASUREMENT CAPABILITIES

- CONTINUOUS GLUCOSE
- ACTIVITY
- VITALS
- SLEEP
- PULMONARY FUNCTION
- EEG
- & MORE

### THERAPEUTIC AREAS

- CARDIOLOGY
- CENTRAL NERVOUS SYSTEM
- COVID-19
- DERMATOLOGY
- ENDOCRINOLOGY
- GASTROENTEROLOGY
- IMMUNOLOGY
- INFECTIOUS DISEASE
- MUSCULOSKELETAL
- NEPHROLOGY
- ONCOLOGY
- RESPIRATORY

## Unified Platform, Unified Insights

Integrate and compare sensor data, patient reported data and biometrics for a broader view of the entire patient experience.

SAFETY MONITORING

DISEASE PROGRESSION

TREATMENT EFFECT

### Medidata Platform

1. <https://www.pharmavoices.com/article/2019-03-wearables/>

2. Intel Solution Brief: AI and Wearables Bring New Data and Analytics to Clinical Trials