IMS Health & Quintiles are now IQVIA™

# E360™ CLINICAL DEVELOPMENT: REAL-WORLD INSIGHTS TO INFORM PROTOCOL DESIGN

*Discover the world's largest healthcare research platform[1]...*

E360™ Clinical Development is the industry leading SaaS technology platform offering best in class real-world insights to inform protocol design and state-of-the-art analytical tools for effective trial optimization.

## CURATED HEALTHCARE DATA SOURCES

- Over **500 million** patient lives across eight countries
- Seamless multi-country analysis/studies execution: OMOP Common Data Model (available on request) enables to **build your analysis/study once and deploy anywhere**

### EXAMPLES DATASETS AVAILABLE

| COUNTRY | TYPE |
|---|---|
| AUSTRALIA | • Ambulatory EHR |
| BELGIUM | • Ambulatory EHR |
| CANADA | • Ambulatory EHR |
| FRANCE | • Ambulatory & Specialty EHR |
| GERMANY | • Ambulatory & Specialty EHR |
| ITALY | • Ambulatory EHR |
| UNITED KINGDOM | • IQVIA Ambulatory EHR |
| UNITED STATES | • Ambulatory EHR<br>• P+ Health Claims<br>• Oncology EHR<br>• Open Source Claims<br>• CMS Synpuf Claims |

## SPEED MATTERS

E360™ Clinical Development enables instant global feasibility on large scale EHR.

### COMBINE SPEED, TRANSPARENCY AND ANALYTICAL POWER IN ORDER TO:

- Access Ambulatory and Specialty EHR seamlessly across US, Canada and European countries
- Simulate complex protocols, end-points and relative time frames
- Establish detail country feasibility, local treatment and patient visit patterns
- Conduct precise "what-if" analysis and receive feedback in real time

## RESULTS MATTER

### CLIENT #1

- Protocol optimized against real patients' data in hours
- Identified operational risks due to differences in real-world clinical practice in the early planning phase of the trial
- Developed the right strategy to mitigate operational risks before recruitment
- Avoided potential delays and costly amendments during recruitment

### CLIENT #2

- Verified protocol design against real patients' data in hours
- Confirmed protocol feasibility and patients' availability across countries in real time

[1] In terms of the number of de-identified patient records contained

# USING ELECTRONIC HEALTH RECORDS AND E360™ ACROSS PROTOCOL DESIGN AND TRIAL DESIGN

### TPP/CDP[2]

- Understand the burden of disease
- Identify all local comparators
- Characterize patient populations and geographic variations
- Refine the overall market potential for particular TPP

### PROTOCOL FEASIBILITY

- Qualify the exact available population
- Simulate exact impact of specific I/E criteria
- Test complex protocols including relative time frames

### INITIAL STUDY DESIGN

- Simulate recruitment rates based on real patient visits
- Understand impact of seasonal variation
- Characterize sites and available patients

### FINAL DESIGN TO START-UP

- *Input into CTOS Design for protocol design and development*
- *Leverage CTOS SiteOptimizer for site and investigator selection*

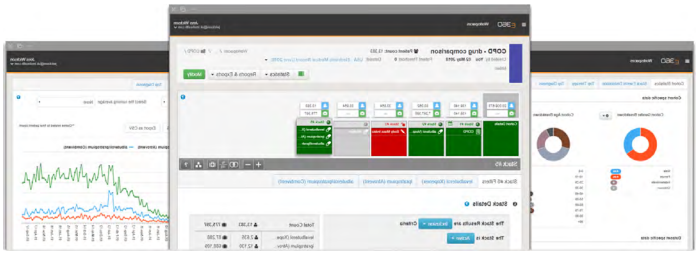
**EARLIER USE OF A DATA-DRIVEN APPROACH DRIVES IMPROVED SUCCESS RATE**

[2] Target Product Profile/Clinical Development Plan

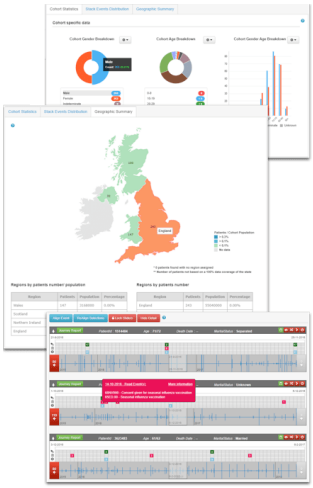
## EXAMPLES OF CAPABILITIES AVAILABLE

### PROTOCOL FEASIBILITY

- Profile and find your next real-world data assets
- Interrogate any element of EHR data (diagnosis, drugs, labs, etc.)
- Define complex protocols re-using existing codelists and disease definitions
- Simulate even the most complex criteria including relative time windows
- Instantly test across multiple countries for global feasibility



### ADVANCED REPORTING



- **Geo Visualization**
  Identification of geographically favourable sites for clinical trials
- **Incidence and Prevalence**
  Report disease incidence and prevalence on specific cohorts
- **Attrition**
  Visualize the patients funnel for a specific cohort
- **Patient Timeline**
  Visualize the patient's journey and when they become eligible and recruitable in their own healthcare journey
- **Data Completeness**
  Interpret EHR properly and understand how well key clinical variables are captured in EHR

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**CONTACT US**

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