





E360™ HEOR AND DATA SCIENCE: POWER TOOLS FOR DEEP INSIGHTS FROM DATA

Discover the world's largest healthcare research platform¹...





Real world data (RWD) and real world evidence (RWE) are playing an increasing role in health care decisions, with the 21st Century Cures Act, placing additional focus on the use of these types of data to support regulatory decision making. As a result, pharma companies are significantly investing in expanding their RWE capabilities.

CHALLENGES AND OPPORTUNITIES

What are the challenges?

-  Data access bottlenecks
-  More data management than data science
-  High demand and resource constraints
-  Pressure to deliver in real time

E360 Platform Solution

-  Profiles 1000s of datasets;
Instant cloud based data access
-  Automates low level tasks;
Data extraction and modeling
-  Unlocks capacity via collaboration tools;
Training to reduce the RWE learning curve
-  Power tools to accelerate analysis;
Instant start-up for more productive teams

"Companies spend significant time and resources on basic, low level data manipulation...diluting the value extracted from real world data science"

"E360™ automates the painful process of cleaning, parsing, and proofing data and enables skilled resources to focus on data mining and modeling"

USING RWD AND E360™ TO ACHIEVE MARKET ACCESS AND POST-LAUNCH

ASSESS EPIDEMIOLOGY/ MEDICAL PRACTICE



- Understand the **burden of disease**
- Characterize **patient populations** and identify **subgroups of interest**
- Understanding treatment pathways
- Determine the **standard of care**
- Identity **unmet needs**
- Identity suitable **local comparators**

PREPARE HTA SUBMISSION



- Specify the exact population for payers (including **local populations, incidence and prevalence**)
- Determine the **cost of standard of care**
- Determine efficacy of **comparators** and direct and indirect **cost of associated events**

POST-LAUNCH REAL WORLD EVALUATION



- Overall utilization
- **Treatment patterns** (indication, dosage, co-medication, compliance, persistence)
- **Safety** signal evaluation
- **Efficacy** and real life **effectiveness**
- Responses to **payers, regulators or HTA** queriers in realtime

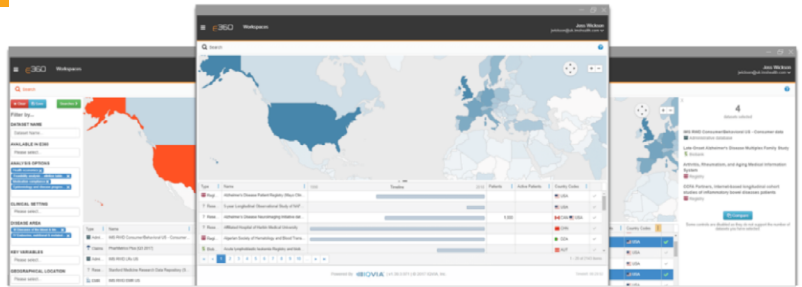
¹ In terms of the number of de-identified patient records contained

KEY CAPABILITIES AVAILABLE

DATASET EXPLORATION

Find your next real-world data assets

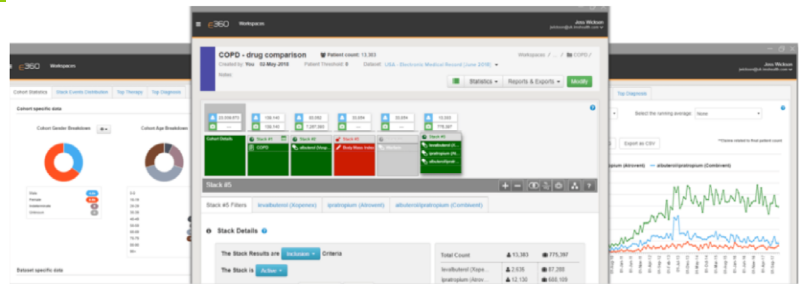
- Around 70 IQVIA data assets available (standard option)
- Extended catalog of datasets (1000s) (premium option)
- Simple feasibility analysis or “first-pass” patient counts



COHORT BUILDING

Create complex patients cohorts, in real time

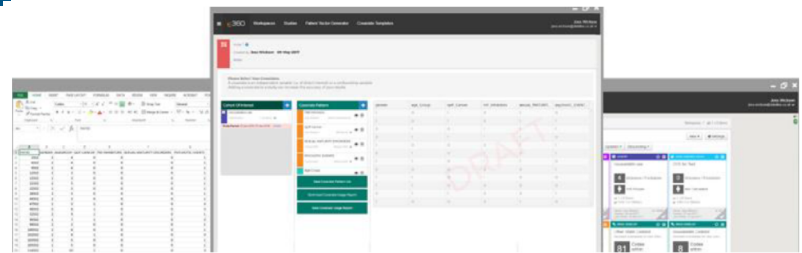
- Interrogate any element of RWD (diagnosis, drugs, labs, etc.)
- Define complex protocols re-using existing codelists and disease definitions
- Simulate even the most complex criteria including relative time windows
- Instantly apply your definitions across multiple countries, enhancing team productivity



ANALYTICAL DATASET GENERATION

Lever E360 powerful data management and formatting capabilities

- Fast export of cohort patients and their characteristics based on defined demographic and clinical covariates of interest (demographic, diagnosis, tests, etc...)
- Standard analytical output for use in major statistical engines (R, Python, etc...)



ADVANCED ANALYSIS OPTIONS

Analyze in conjunction with your preferred power statistical tools

- No black box: Integrate your own analytics and algorithms in E360™
- Auto generate statistical reports for dissemination

