

# RWE Analytics for Comparative Effectiveness

## Global Bio Pharmaceutical Company

### Business Problems

- ▶ **Leverage RWE data**, to compare cost and benefits of drug against competing products
- ▶ Build an ability to identify **patient cohorts** based on **drug usage and clinical outcomes** such as CQMs, readmissions, LOS, etc., to compare the cohorts

### Solution(s) and Value Delivered

- ▶ Implemented **pre-built and custom Perform+ Regulatory components** like data adaptors, rule authoring tools to define patient cohorts
- ▶ Integrated **R with Perform+ Regulatory** database views to receive patient profile and risk variables
- ▶ Defined, executed and validated **analysis models** and pushed results back to **Perform+ Regulatory**
- ▶ Used our strong **statistical modelling and predictive analytics** expertise to identify important patterns and associations to implement key use cases effectively



**Predictive analytics**  
*for patient identification*

**Push analysis**  
*report feature developed*

**Multiple**  
*patient cohorts compared*

**84**  
*new patient markers built*