1. Objective 1: Perform the methods research required for a system to generate evidence that characterizes disease and treatment utilization, estimates the effects of medical interventions, and predicts outcomes of patients within a network of observational health databases.

2022 Key Results:
1. Establish formal database, cohort, and study diagnostics.
2. Design a discovery system having the desired operating characteristics.
3. Develop a benefit-risk framework for observational research.
4. Counterfactual prediction