

Outline

- Audiences for results of randomized effectiveness trials
- Tools for application of results
 - Economic model
 - Outcomes Analyzer with Provider Reporting

Audiences

- Payers
 - Private
 - Government
- Physicians/Prescribers
- Case Managers
- Local Providers

Economic Model

- Rationale
 - Compare real-world outcomes across multiple trials among relevant therapies utilizing national cost multipliers
- Audience
 - Payer/Decision-Maker
 - Prescriber (to a lesser extent)
- Types
 - Cost-effectiveness
 - Budget Impact

AMCP* Dossier Guidelines for Economic Models

- The goal is to evaluate the value of the product and project the health and economic consequences to the health plan of potential formulary changes
- Manufacturers are strongly urged to provide cost-effectiveness models
- Models can:
 - Aid decisions regarding the addition of a new product to the formulary
 - Help define a product's specific role
 - Assist in creating benchmarks against which the product's future performance can be measured

Potential Inputs

- Basic Model
 - Time to relapse
 - Potential definitions
 - Re-hospitalization
 - Significant change in clinical status as measured by rating scale
 - Physician/CMHC visits
 - Hospitalizations
 - ER visits
 - Medications (all or mental health specific)
- Upgraded Model could include
 - Indirect costs (ie, Productivity)
 - Other services (ie, Respite Care)

**Go to Case Example:
Economic Model**

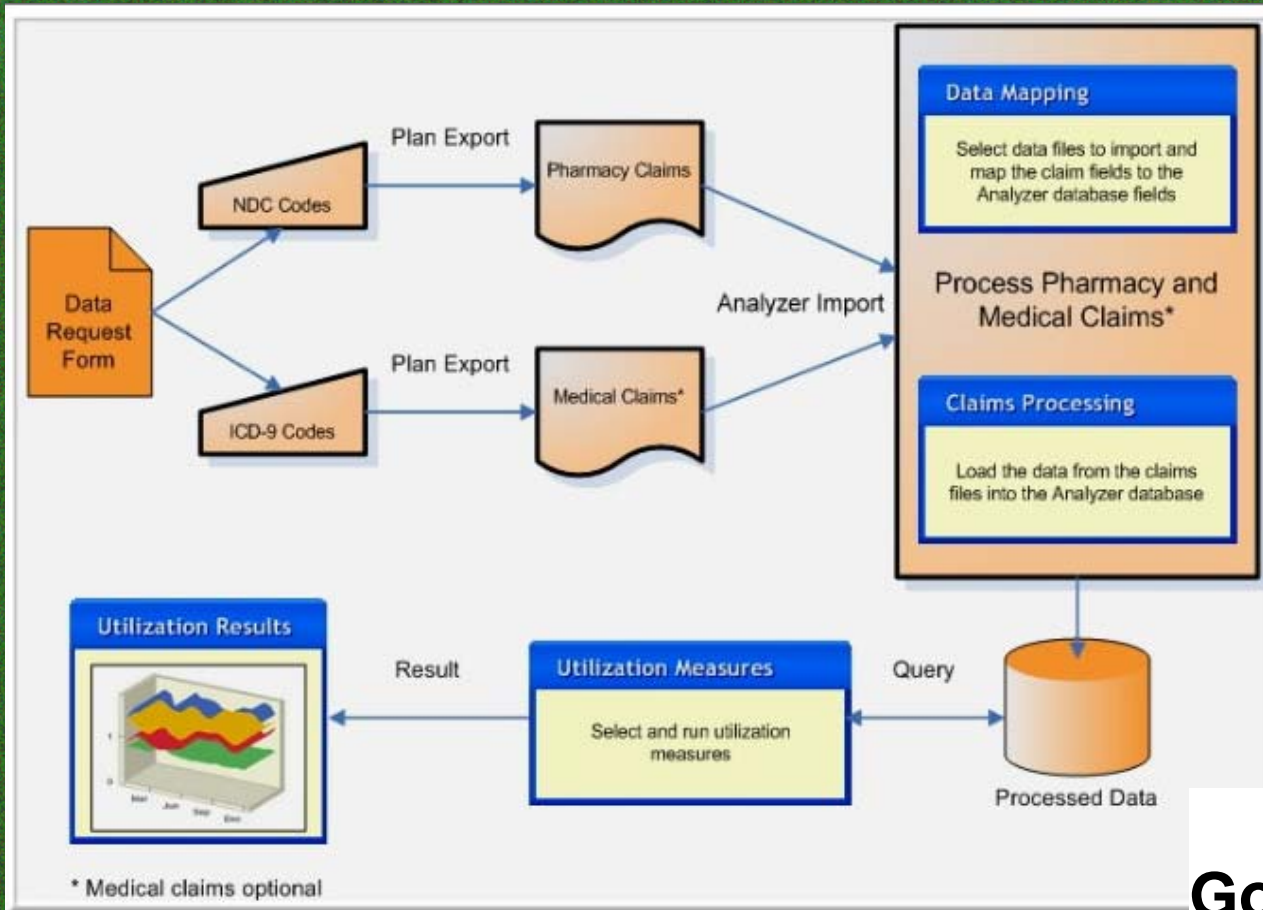
Outcomes Analyzer: Objectives

- Import customer pharmacy and medical claims data that are exported and merged by the plan in a two-pass data pull
- Assess prescription patterns of specific patient populations (eg, by severity of disease, time since diagnosis)
- Evaluate customer-specific results for various utilization and outcomes measures with comparison to reference dataset
 - Benchmark = Randomized effectiveness study results
- Include a prescriber intervention section to identify targeted educational opportunities for prescribers

Outcomes Analyzer: General Description

- A stand alone, HIPAA-compliant customized software application that will:
 - Upload a health plan's raw data
 - Perform validation procedures
 - Analyze the data per pre-built and user-defined queries
 - Generate standard reports
 - Plan-wide compared to benchmarks
 - Provider measures
 - Provider-specific reports
 - Patient focused reports

Outcomes Analyzer: Process Flow



**Go to Case Example:
Outcomes Analyzer**

Conclusion

- Randomized effectiveness trial results:
 - Should be conveyed to multiple audiences in a manner which is applicable to their needs
 - Can be utilized in real-world practice settings to promote and monitor appropriate changes in treatment patterns