



# Clinical Trial Outcomes Databases

## Harnessing the wealth of publicly available clinical trial outcomes data to streamline drug development and enable commercial decision-making

Maximizing the probability of a drug's success requires making critical decisions throughout the drug development cycle. Success depends not only on the drug's performance, but also on the competitive landscape, requiring reliable assessments—now and for the future—of the competition. Further, comparative effectiveness and the systematic review of existing clinical trial and study data is becoming an increasingly critical component to ensure market success.

Based on years of experience exploring and analyzing publicly available data to perform model-based meta-analyses for our clients, we created an extensive collection of analysis-ready Clinical Trial Outcomes Databases for a wide range of therapeutic areas. These curated, up-to-date databases capture high-quality public source data on drug efficacy and safety, drug, trial, and disease characteristics, trial design, and other relevant information to make key development and commercial decisions.

### Inform Go/No Go, Portfolio, Marketing, and Trial Decisions

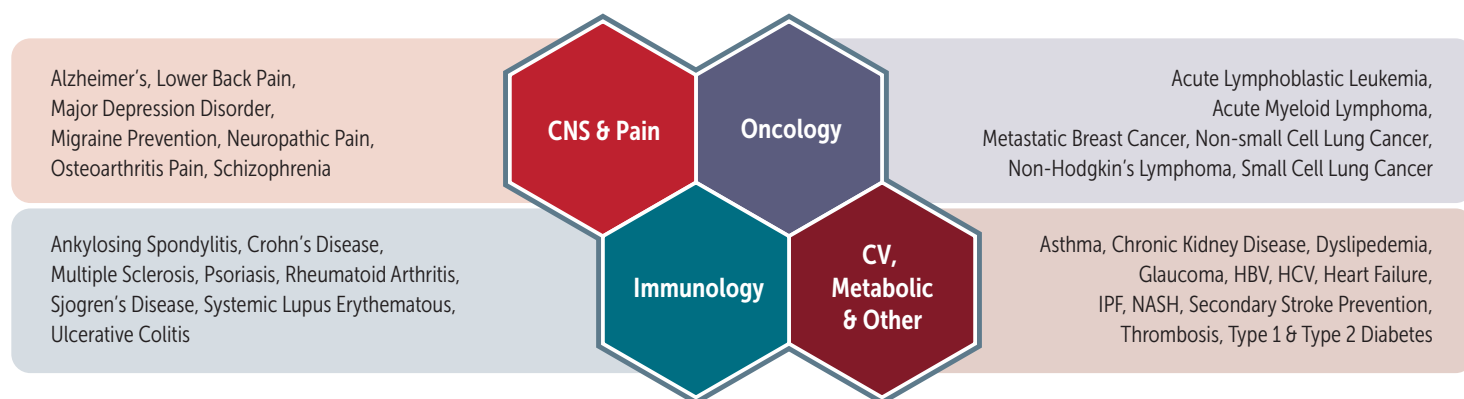
Depending on the indication, each database could include 30 to 1000 clinical trials and represent aggregate information for up to hundreds of thousands of patients.

Information is organized by trial, arm, patient demographics, treatment regimen, and outcomes for analysis-ready queries. The understanding gained from the analysis of these databases can be used to select an optimal dose, predict trial results, characterize biomarker to endpoint relationships, bridge

Certara's analysis-ready Clinical Trial Outcomes Databases leverage valuable external data to provide key drug development insights:

- Comparative effectiveness
- Endpoint and subpopulation relationships
- Trial design optimization
- Biomarker, efficacy and safety outcomes
- Commercial viability

### Available Databases

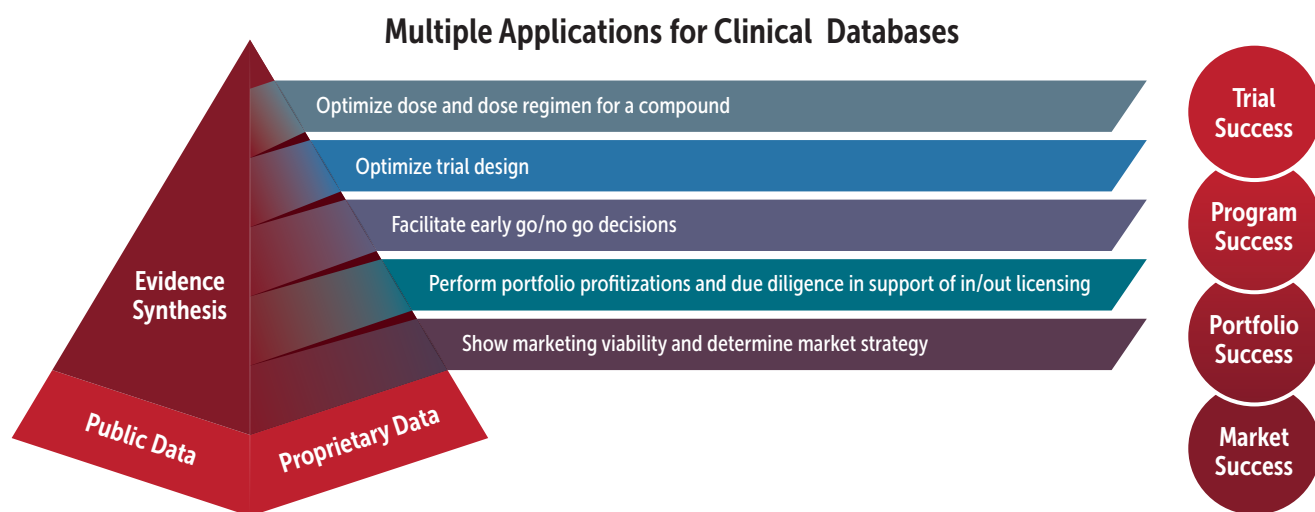


across various patient populations, quantify the benefits relative to competing treatment options, and quantify the probability of success of a compound or clinical trial. A clear understanding of how best to competitively position your compound against existing drugs, and those in development, will enable you to more effectively manage your portfolio, make go/no go decisions, and drive the future marketing for your drug.

## Visualize. Explore. Analyze. Communicate.

All databases can be accessed centrally via our Certara Collaborate portal and explored through the integrated Clinical Outcomes Database Explorer (CODEx) interface. CODEx enables users to quickly visualize, explore, analyze, and communicate database content using a variety of highly interactive tools:

- **Repository for clinical trial data.** CODEx provides access to the most current publicly available trial information allowing users to scope specific drug development decisions related to study design, patient populations, and dose levels.
- **Exploratory analysis platform.** Multiple databases are accessed through a single platform to facilitate comparative analysis and multi-variable filtering. CODEx helps users to visualize endpoint and subpopulation relationships, and other key trial data, to provide early insight during drug development.
- **Problem-solving system.** Delivering a 'faster time to insight,' users can analyze the competitive landscape on a target drug, enrich internal knowledge on a therapeutic area, and answer a myriad of questions to guide trial development decisions.
- **Communication and visualization tool.** Users can interact, plot, and summarize data in real time to share results with colleagues, stimulate ideas, and help form key decisions. Tables and graphs, tailored to the structure of the literature data and common to meta-analysis, can be easily created and communicated.



Publicly available clinical trial data represent an underutilized source of information and if properly extracted and analyzed, provide a great value for comparative effectiveness and overall drug development.

## About Certara

Certara is a leading provider of decision support technology and consulting services for optimizing drug development and improving health outcomes. Certara's solutions, which span the drug development and patient care lifecycle, help increase the probability of regulatory and commercial success by using the most scientifically advanced modeling and simulation technologies and regulatory strategies. Its clients include hundreds of global biopharmaceutical companies, leading academic institutions and key regulatory agencies.

For more information visit [www.certara.com](http://www.certara.com) or email [sales@certara.com](mailto:sales@certara.com).