

excelra



Clinical Trial Outcomes Database Services

Excelra's Clinical Trial Outcomes Database (CTOD) supports clinical trial design optimization, by providing structured data from clinical literature to power intelligent data driven insights.

We offer our global Biotech and Pharma clients, customized indication-specific and/or drug-specific summary level databases, organized using PK/PD, clinical efficacy and safety outcomes data from clinical literature. We also offer on-demand user friendly Shiny applications to explore CTOD with dynamic dashboard generation.

Informed Trial Design Optimization Using CTOD



Right endpoint to track efficacy



Right population for the trial



Optimal duration (Safety vs. Efficacy)

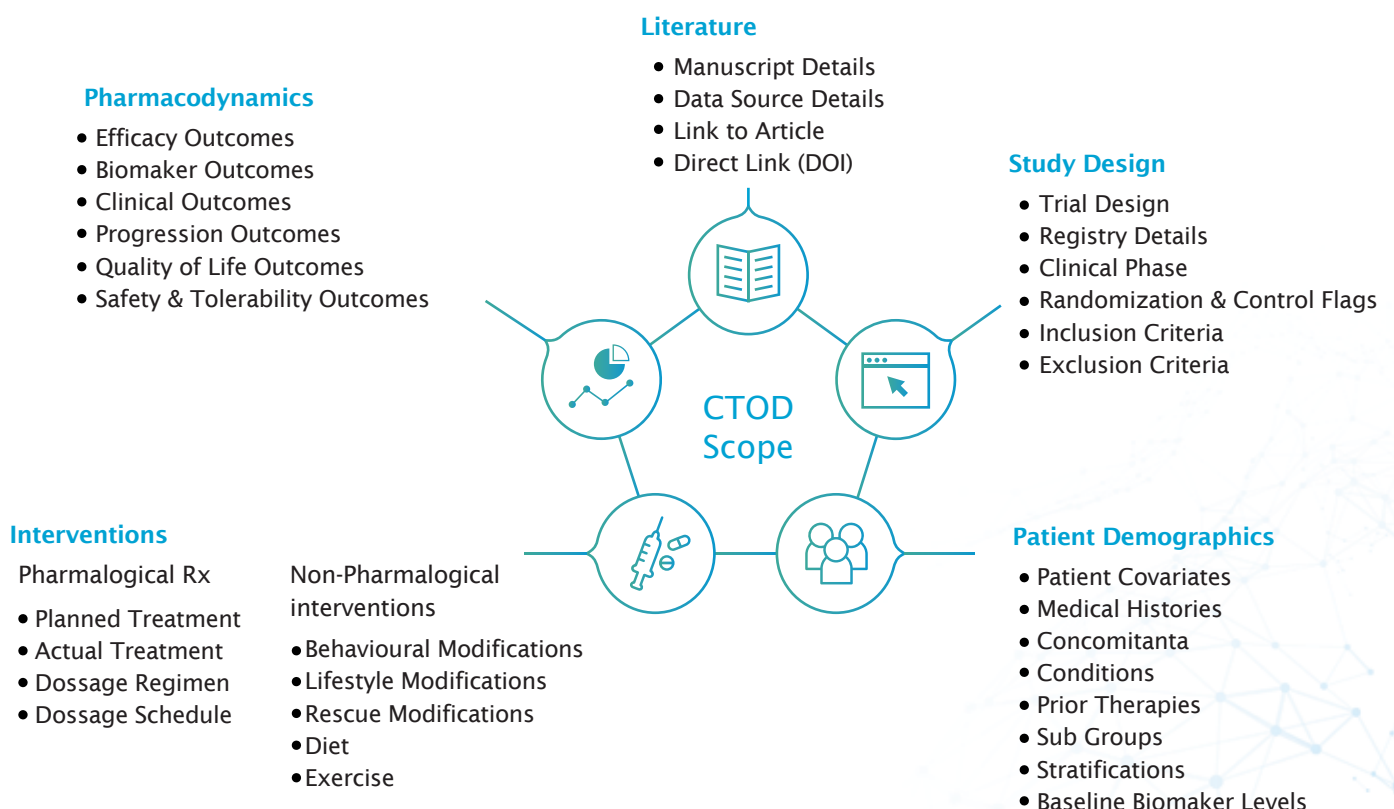


Right dose insights

Clinical Trial Outcomes Database Scope

Unlocking insights from clinical trial literature

Published clinical trial data is a goldmine of aggregated knowledge. Excelra's Clinical Trial Outcomes Database has been meticulously curated with our 15+ years' experience in extracting, analysing and harmonizing publicly available clinical trial information into analysis-ready datasets for Model-Based Meta-Analysis (MBMA), NONMEM and other statistical techniques. With regular data updates, CTOD provides extensive data coverage across major therapeutic areas and their associated drug, disease and clinical trial intelligence.



CTOD in Numbers

>100
Disease Areas

11
Therapeutic areas

>15k
Clinical Trials

Autoimmune - 11 DAs, 1500+ trials
Cardiovascular - 8 DAs, 800+ trials
Genitourinary - 5 DAs, 500+ trials
Infections - 5 DAs, 500+ trials
Metabolic - 4 DAs, 1000+ trials
Neuroscience - 19 DAs, 2500+ trials
Oncology - 32 DAs, 8000+ trials
Ophthalmology - 4 DAs, 400+ trials
Others - 12 DAs, 1000+ trials
Pain & Inflammation - 4 DAs, 500+ trials
Respiratory - 2 DAs, 600+ trials

Range of Rx, Clinical & Safety Outcomes, Populations

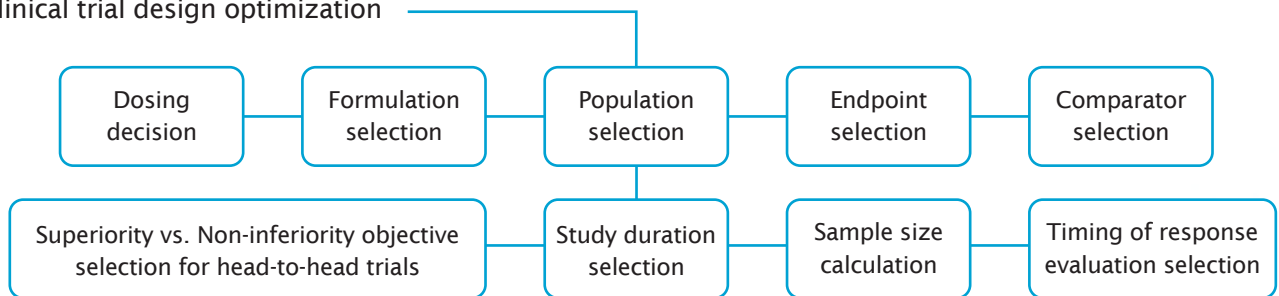
- ~1,000,000 patients
- Wide range ethnicities, age groups, populations
- >2000 unique treatments
- Multiple statistical populations
- >2 million records
- >200 million data points
- >1000 distinct efficacy outcomes
- Vast safety outcomes data

CTOD Applications in Clinical Research

Optimize & Accelerate Drug Development

CTOD comprises structured public source data on numerous clinical trial parameters including drug safety and efficacy, trial design and clinical outcomes. These analysis-ready datasets can be utilized to provide actionable insights that empower:

- Candidate selection
- Target selection
- Candidate development & Go/No-Go decisions
- Clinical trial design optimization

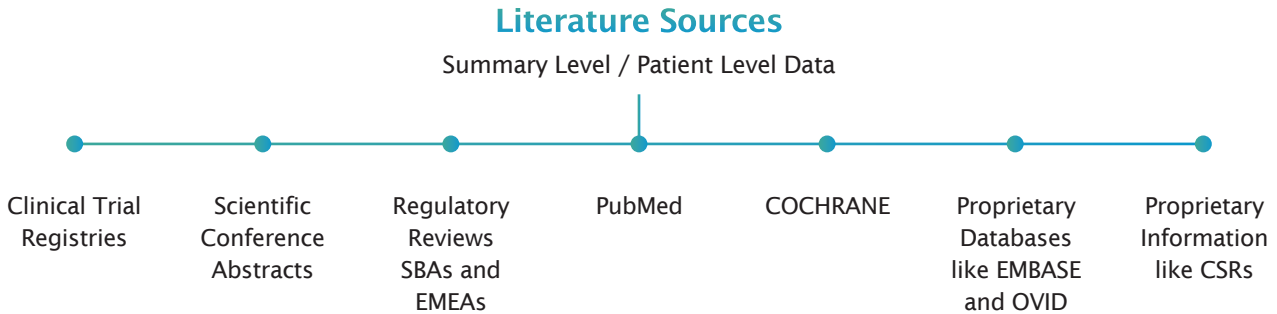


- Regulatory (Labelling)
- Comparative & effectiveness research
- Hypothesis generation for post-approval therapeutic optimization
- Link/scale biomarkers to clinical outcome
- Competitive intelligence
- Benchmarking

CTOD Data Sources & Data Curation Process

Best-in-class analysis ready data

Leveraging a techno-manual curation methodology, vast data from clinical trial literature is carefully structured around the evidence-based PICOS framework in CTOD. At Excelra, a rigorous 3-level Quality Control process is established to deliver best-in-class, high quality data with >99% accuracy proven in real-world analysis scenarios.



Patient, problem or population

Who does the question relate to?

Intervention

Can be a therapy, diagnostic test, prognostic factor, or issue

Comparison

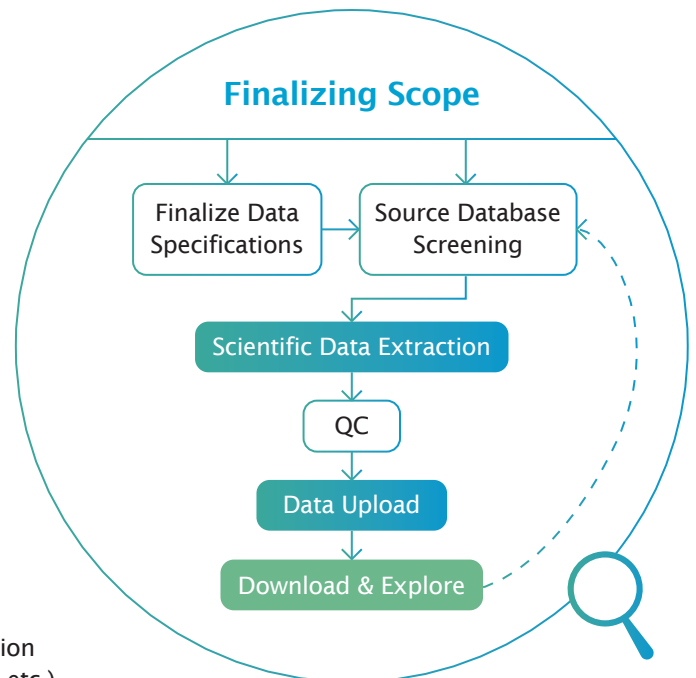
Can be another intervention, diagnostic test, placebo or usual (standard) care.

Outcomes

Clearly specify the ones you are interested in, e.g. Reduction of pain, improved score on functional assessment, decreased length of hospital stay.

Study designs

Decide on study designs best able to answer your question type (i.e. therapy, diagnostic, prognosis, etiologic, harm etc.)



The Excelra Edge

The leading Clinical Pharmacology & Clinical Trial Outcomes Database services provider

We have successfully delivered 500+ customized databases to more than 25 top global Pharma and Biotech companies.

Our Advantages



>99% Accuracy

High Quality is ensured with 3 level Quality Control (QC) process



100+ Team of experts

PharmD, MPharm and PhD



15+ Years

Extensive experience



100+ Indications

Across several therapeutic areas



2-8 Week Quick turnaround






90% of projects delivered

You may also be interested in our allied custom curation offerings:

- Structuring disparate and heterogeneous data from preclinical/clinical reports
- On demand data support for Quantitative Structural Pharmacology (QSP) applications

To know more, visit: https://www.excelra.com/clinical/#clinical_trial

Excelra's Service Portfolio

	Insights	Data
 Discovery	<ul style="list-style-type: none">• Data Science Driven Drug Discovery• Target Identification• Target Dossier Services	<ul style="list-style-type: none">• Chemistry Curation Services• GOSTAR Structure Activity Relationship database
 Translational	<ul style="list-style-type: none">• Biomarker Discovery• Drug Repositioning• Life Cycle Management• Systems Biology Informatics	<ul style="list-style-type: none">• Biology Curation Services• GOBIOM Biomarker intelligence database
 Clinical	<ul style="list-style-type: none">• Precision Oncology Informatics• Clinical Pharmacology	<ul style="list-style-type: none">• Clinical Trial Outcomes Database
 Value Evidence	<ul style="list-style-type: none">• Outcomes Research• Epidemiology Modelling• Economic Modelling• Value Evidence Communication	<ul style="list-style-type: none">• RWE & Big Data Realization• SLR & Meta-analysis
 Technology Solutions	<ul style="list-style-type: none">• Enterprise Data Strategy• Enterprise Cloud Ops• Enterprise Digital Transformation	



About Excelra

Excelra's data and analytics solutions empower innovation in life sciences across the value chain from discovery to market. The Excelra Edge comes from a seamless amalgamation of proprietary curated data assets, deep domain expertise and data science. The company's multifaceted teams harmonize and analyze large volumes of disparate unstructured data using cutting-edge technologies. We galvanize data-driven decisions to unlock operational efficiencies to accelerate drug discovery and development. Over the past 18 years, Excelra has been the preferred data and analytics partner to over 90 global clients including 15 of the top 20 large Pharma companies.