

Clinical Trials Outcome Data Curation Solutions

BROCHURE



Excelra's Clinical Trials Outcome Data (CTOD) supports various modeling approaches by providing intelligent data driven insights that empower informed decision making.

We offer our global Biotech and Pharma clients, customized indication-specific and/or drug-specific summary level datasets, 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)

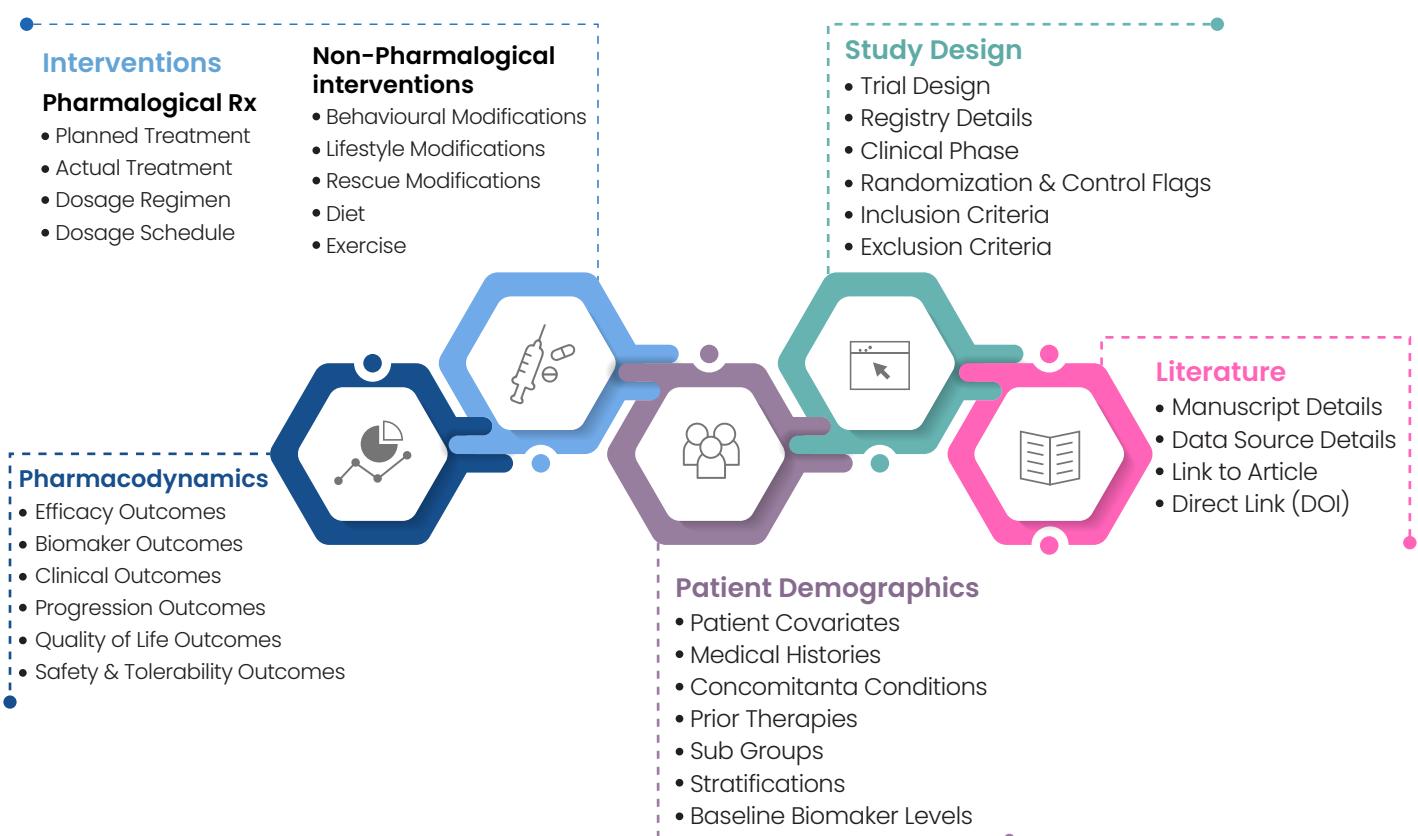


Right dose
insights

Clinical Trials Outcome Data

Unlocking insights from clinical trial literature

Published clinical trial data is a goldmine of aggregated knowledge. Excelra's Clinical Trials Outcome Data services leverage over 20 years of experience in data curation to provide custom curation for various clinical trials and drug development analyses. This service supports predicting exposure-response (efficacy/safety), target identification and validation, and biomarker identification. It includes custom curation for predicting the drug of interest and standard of care for validation, dosage regimen, pharmacokinetics (systemic and target exposure), pharmacodynamics, and clinical outcomes (measures of efficacy and safety). Additionally, Excelra creates interactive dashboards using Shiny R, allowing users to dynamically explore data, generate summary tables, produce graphical outputs, and conduct comprehensive data analysis.



Our Therapeutic Expertise

>130 Diseases Areas

12 Therapeutic Areas

>50K Clinical Trials

 Autoimmune 12 DAs 10000+ trials	 Neuroscience 19 DAs 2500+ trials
 Cardiovascular 8 DAs 2000+ trials	 Oncology 43 DAs 15000+ trials
 Genitourinary 7 DAs 500+ trials	 Ophthalmology 4 DAs 400+ trials
 Dermatology 9 DAs 1000+ trials	 Pain & Inflammation 4 DAs 2500+ trials
 Infections 5 DAs 1000+ trials	 Respiratory 2 DAs 600+ trials
 Metabolic 4 DAs 10000+ trials	 Others 14 DAs 4500+ trials

1 million+ abstracts screened



4000+ unique treatments



Wide range ethnicities, age groups, populations



5 million+ records created



Multiple statistical populations



1,000+ distinct efficacy outcomes



250 million+ data points



Vast safety outcomes data

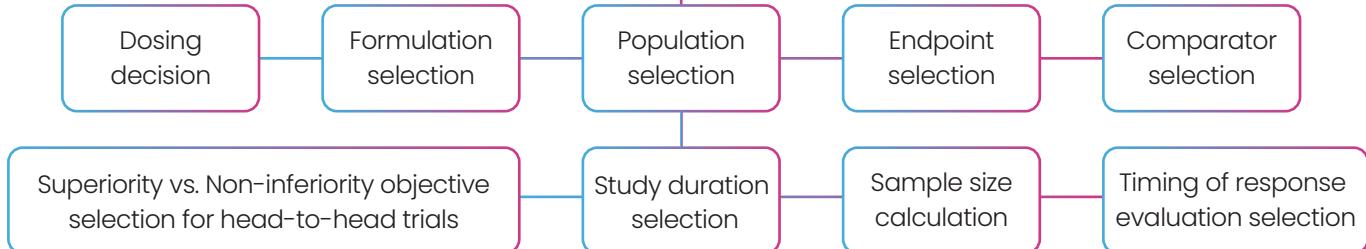


CTOD Applications in Clinical Research

Optimize & Accelerate Drug Development

We curate trial outcomes data for efficacy, safety, QOL, biomarker and other relevant parameters from publicly available data sources. We provide bespoke curation services to create analysis-ready datasets for our clients.

- 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

The Excelra Edge

The leading Clinical Pharmacology & Clinical Trials Outcome Data services provider

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



>99% Accuracy
High Quality is ensured with 3 level Quality Control (QC) process



100+ Team of experts
PharmD, MPharm and PhD



20+ Years
Extensive experience



130+ Indications
Across several therapeutic areas

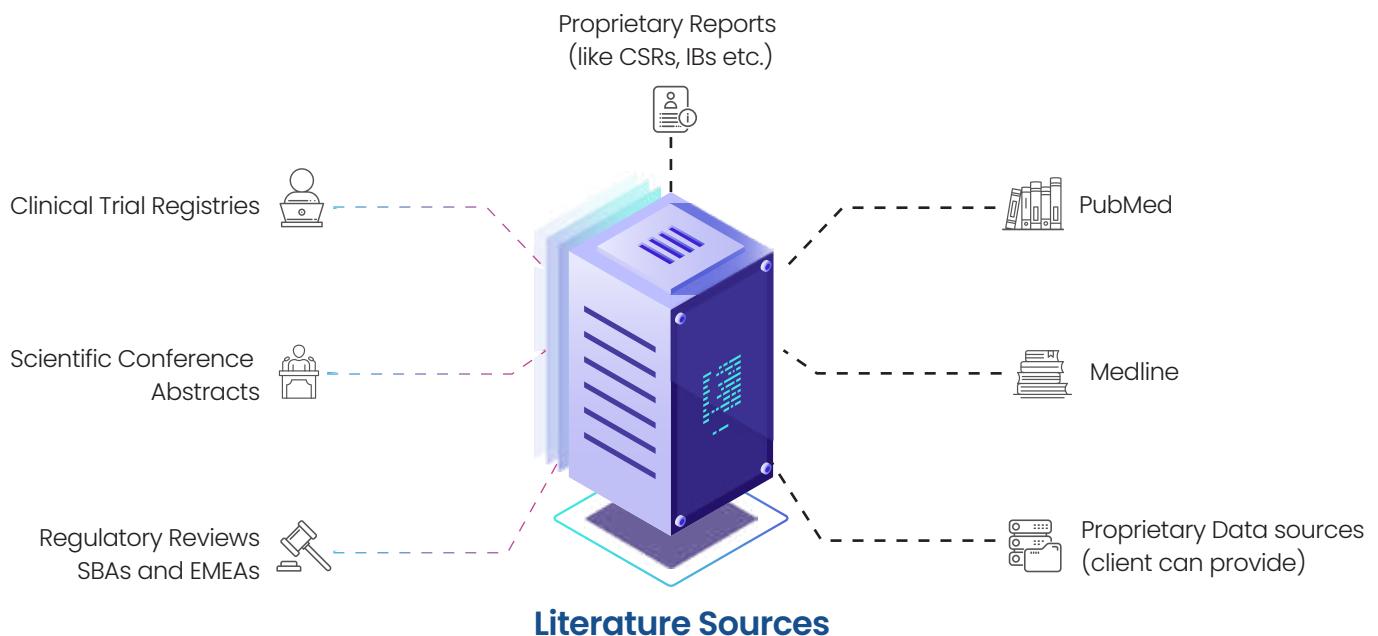


2-3 Week Quick turnaround
90% of projects delivered

CTOD - Data Sources and Data Curation Process

Best-in-class analysis ready data

Leveraging a manual data curation methodology, the Clinical Trials Outcome Data (CTOD) carefully structures vast data from publicly available sources. Excelra uses the PICOS framework to gather relevant information from our clients to assess their needs and requirements, and develop an effective search strategy and relevance. 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.



P atient, problem or population

Who does the question relate to?

I ntervention

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

C omparison

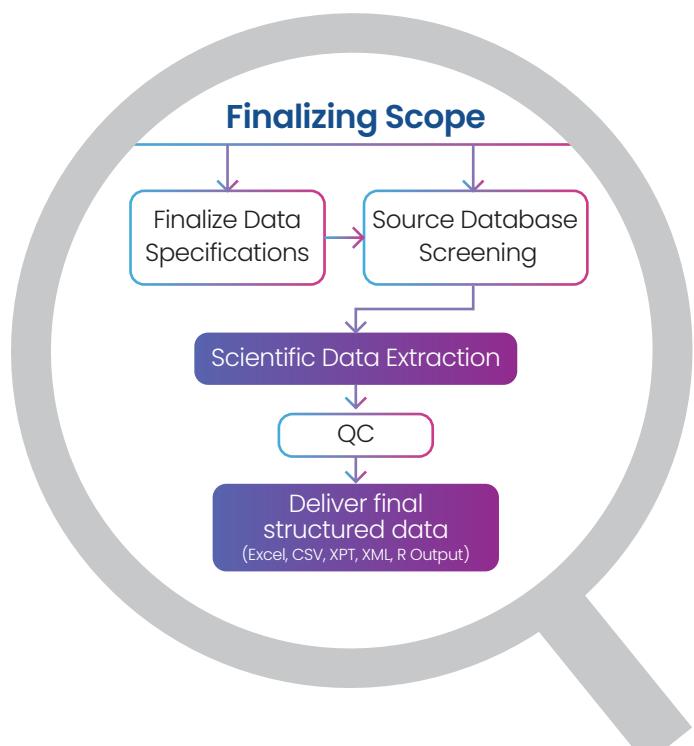
Can be another intervention, diagnostic test, placebo or usual (standard) care.

O utcomes

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

S tudy designs

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





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 Systems Pharmacology (QSP) applications

Where data means more

excelra

SAN FRANCISCO • BOSTON • LONDON • GHENT/GENT
SCHIPHOL • UTRECHT • BASEL • BIELEFELD • HYDERABAD

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