



The Gold-Standard in Pharmacokinetic, Pharmacodynamic and Non-compartmental Analysis

Phoenix WinNonlin™ is the industry standard for the analysis of pharmacokinetic and pharmacodynamics data. The integrated tools for data processing, non-compartmental analysis (NCA), PK/PD modeling, summary and inferential statistics, table creation, and graphics create an all-in-one collaboration workbench for analysts, reviewers, medical writers, and quality assurance team members. The intuitive graphical user interface allows users to spend less time learning the software and managing data and more time to model, interpret, and understand the data. The result? Efficient drug development decisions with more confidence.

Proven Software with a Vast Global Footprint

Phoenix WinNonlin has a proven 30-year history of providing trusted PK/PD analysis results. It is used by over 6,000 scientists in 60 countries at nearly 2,000 institutions, including the top 50 global pharmaceutical companies. Regulatory agencies, including 12 offices of the US Food and Drug Administration (FDA), Japan Pharmaceutical and Medical Device Agency (PMDA), National Medical Products Administration (NMPA), and the UK Medicines and Healthcare Products Regulatory Agency (MHRA), use Phoenix WinNonlin for analysis and to evaluate drug submissions.

The WinNonlin Engines Can Do It All

The Most Comprehensive Set of Analysis Tools for any Non-clinical or Clinical PK/PD Study

From early non-clinical research to large clinical trials, the NCA engine, individual PK/PD modeling engine, and statistical analysis tools can be used for a wide-range of studies and analyses:

- Single dose or steady-state dosing
- Sparse sampling studies
- Drug concentration data in plasma or urine matrices
- Formulation comparison
- Drug response pharmacodynamics
- Parallel and Crossover study designs
- Dose Proportionality and Parent-Metabolite ratios
- Change in dose regimen simulations
- Bioequivalence and Bioavailability
- Linear regression

Recent Enhancements

- New Ratios and Differences tool provides automated calculation of NCA ratios
- Additional descriptive statistics
- More flexible charting and plotting capabilities
- Additional new NCA parameters for plasma and urine
- User-defined NCA parameters
- Setting of criteria for the terminal slope calculation in NCA
- Enhanced fully-integrated Phoenix WinNonlin Validation Suite for fast automated software validation in under 30 minutes