



Pharmacokinetics



Pharmacokinetic/Pharmacodynamic (PK/PD) analysis Types of work undertaken

An understanding of the relationship between drug concentration and clinical effect can aid you in the choice of a safe and effective dose. Using our extensive experience we can design, analyse and report your pharmacokinetic studies so that they provide clarity around their impact on future drug development. We use industry standard software (Phoenix™, WinNonlin®) to aid our non-compartmental, deconvolution and PK/PD analyses.

All our analyses undergo an independent QC check prior to finalisation.

- Interim PK analysis for and input into safety review meetings during dose escalation studies
- PK/PD modelling of drug plasma concentration data against surrogate markers of efficacy
- Modelling and simulation to justify dose selection in clinical pharmacology studies
- Use of convolution and deconvolution techniques to aid formulation development
- Writing PK/PD sections for clinical study reports
- Stand alone PK reports

Pharmacokinetics/Pharmacodynamic relationships

