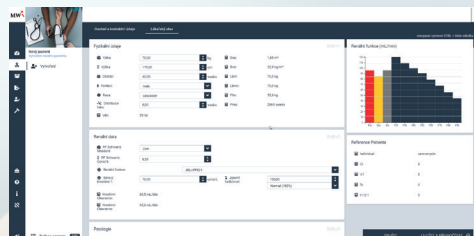


MW PHARM *Online*

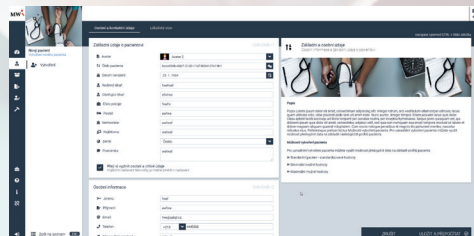
MwPharm Online is a clinical pharmacokinetic software.

MwPharm Online is a *web - based application*. No additional plugins required. You can have all your data accessible anytime and anywhere.



Features

- functionality and calculation results equal to MwPharm++
- 3 graphical user interfaces
- 2 user modes of patient database access: separate / shared
- patient drug and dosing history
- customized drug models
- 12 different renal functions for dose adjustment
- fitting/Bayes fitting
- exact dosing regimen & 4 practical dosing regimens based on available drug doses and convenient interval times
- selected area calculations, e.g. AUC
- adaptable output reports
- export to PDF, OpenOffice & MS Office



The best choice for TDM.



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MINISTRY OF
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KinPop++ Population Modeling

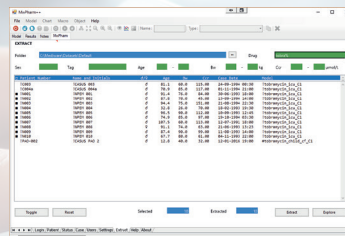
Features

- Population analysis (ITSB)
- Bootstrap analysis
- Monte Carlo analysis
- Covariate analysis
- Advanced reports



Introduction

A completely new module called KinPop++ has been added to Edsim++. KinPop++ is the windows implementation of the KinPop module for MwPharm 3.X for DOS. KinPop performs a population pharmacokinetic analysis by an 'Iterative two-stage Bayesian population procedure' (ITSB).



The ITSB procedure in KinPop is similar to that described by Prévost (ref 1), which has been used also by others (ref. 2, 6). It has been demonstrated that the ITSB procedure performs well in comparison to other methods including standard two-stage (STS), global two-stage (GTS), and nonlinear mixed-effect modelling (NONMEM) (ref. 2, 5).

The ITSB procedure is close to the method in the program IT2B, the 'front end' program of NPEM2 in USC*PACK (ref. 7). Details of the procedures in IT2B have not been published.

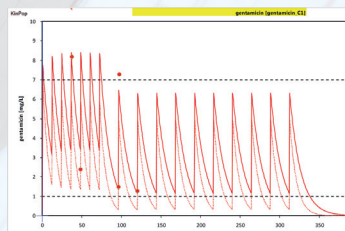
An example of the practical use is given in ref. 6. An overview of the various methods for population analysis can be found in ref. 8. For a detailed description of several procedures, and a comparison by Monte Carlo simulation, see ref. 2-5.

Data extraction

A special data extraction module has been added to the MwPharm++ TDM software for the easy extraction of patient data from the MwPharm++ patient database.

Reports

During Monte Carlo analysis of more than one set simultaneously, a report file on the 'true' parameters is generated. It has the same format as the report file of the calculated parameters, with extension 'MCT' ('Monte Carlo True') instead of 'MCP' (Monte Carlo Parameters'). This report allows a more convenient comparison of the MCP results than a comparison to the 'exact' values.



The best choice for TDM.

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