PHARSIGHT®

WinNonlin® Validation Suite™ v1.2

BENEFITS

Speed Your Validation Process

- Decrease validation effort
- Reduce reporting time

Reduce Cost of Installation/Upgrade

- Quickly validate new and upgraded WinNonlin installations
- Rapidly re-validate after operating environment changes

Increase Confidence through Extensive Validation

- Ensure that WinNonlin installation is performing as designed
- Be assured that WinNonlin results are not only consistent, but also correct

Validation Suite Includes

- Test scripts, data sets, and verified output
- Document and report templates
- Computation Validation Report

REQUIRED SOFTWARE AND HARDWARE

- **Processor:** Pentium 500 Mhz or better
- **OS:** Windows 2000, Windows XP
- **Memory:** 128 MB RAM
- **Hard Disk Space:** 50 MB
- **Software:** WinNonlin 5.1 or higer, Microsoft Internet Explorer 5.0 or higher, Microsoft .NET version 1.1 SP1, Microsoft Word 2000

Pharsight

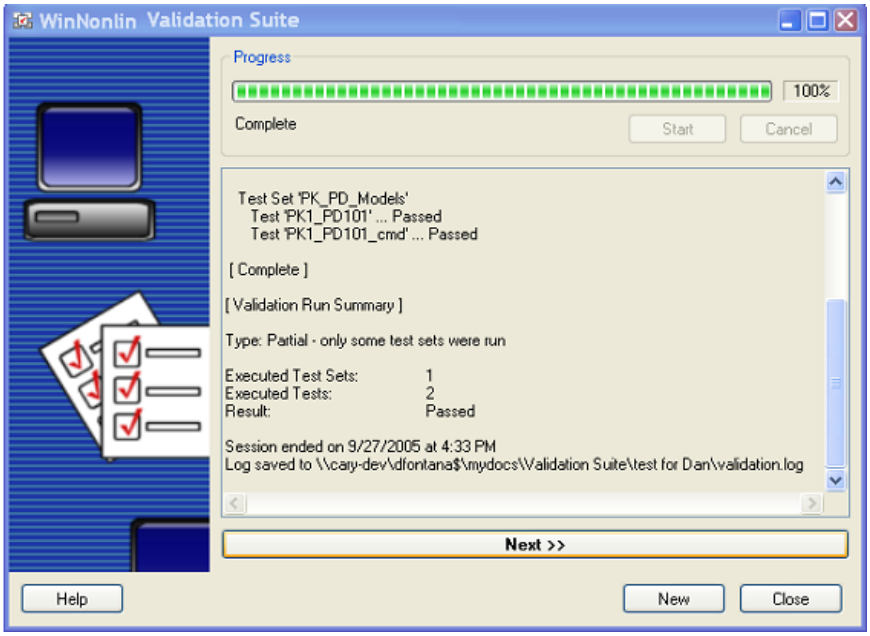
For additional information
contact the Pharsight sales department at
888-708-7444 (650-314-3800 outside U.S.)
Or email: sales@pharsight.com
Or visit our web site at http://www.pharsight.com
Pharsight Corporation
321 East Evelyn Avenue, 3rd Floor
Mountain View, California 94041
Tel: 650-314-3800 · Fax: 650-314-3810
Email: info@pharsight.com
This information applies to WinNonlin Validation Suite version 1.2 for WinNonlin 5.1, 5.1.1, & 5.2

VALIDATING WINNONLIN INSTALLATIONS IS EASIER THAN EVER

The WinNonlin Validation Suite streamlines your on-site validation of the WinNonlin product. The Validation Suite provides a selection of automated tests, each of which runs a specific WinNonlin analysis or function and tests the results against standardized, known output. The Validation Suite efficiently and effectively provides documentation of your on-site validation activities, through automated generation of validation reports via Microsoft® Word.

AUTOMATED VALIDATION WORKFLOW

Most tests in the WinNonlin Validation Suite are fully automated. Select from the list of available test sets to run all or a subset of tests at one time. The automated execution of the test sets and comparison of results represents a significant savings in time and resources spent in the validation process. For the two tests that cannot, for technical reasons, be automated, the Validation Suite includes manual testing scripts. Pharsight has run the automated tests in under one hour, and the two optional, manual tests in an additional hour. Following output generation and comparison, the WinNonlin Validation Suite automatically generates a Validation Report that summarizes and documents the results of the executed test sets. In addition to testing computational and program functionality, the WinNonlin Validation Suite also tests the WinNonlin installation to ensure that all required components are properly installed and up to date.



REPORTING MADE EASY

Creation of validation documents from scratch can be a time-consuming activity. Therefore, the Validation Suite includes document templates for documents that should be created during the validation process. The templates included with the WinNonlin Validation Suite are a Validation Plan, a Test Plan, and a Validation Summary Report. Save time and effort by using these templates as a starting point.

COMPUTATIONAL VALIDATION REPORT

It is not enough to provide reproducible results; it is necessary to ensure that WinNonlin provides correct results. To verify the results from WinNonlin, Pharsight has compiled comparisons between WinNonlin's solutions and reference calculations from the literature, SAS procedure calculations, NIST standards, manual computations, and other sources. The resultant WinNonlin Computational Validation Report is included, and affirms WinNonlin's position as the industry standard for PK/PD modeling and noncompartmental analysis.