

KINETIDEX[®] SYSTEM



The interactive Micromedex[®] KINETIDEX[®] System from the Healthcare business of Thomson Reuters helps improve patient care by offering clinicians a fast, accurate way to provide pharmacokinetic dosing calculations and patient consults.

A comprehensive tool designed to optimize drug therapy, the KINETIDEX System covers the seven most frequently monitored drugs including vancomycin, gentamicin, tobramycin, amikacin, theophylline, digoxin, and valproic acid.

RELY ON THE KINETIDEX DATABASE TO:

- Calculate kinetic parameters
- Provide dosing recommendations
- Offer graphic representations
- Maintain patient records for future reference while maintaining HIPAA compliance
- Offer customizable reporting capabilities
- Include relevant drug and disease interactions

HOW THE KINETIDEX SYSTEM WORKS

Bayesian mathematics are employed for interpreting extreme results obtained due to disease states, laboratory measurement errors, and missed or extra doses. System users can set target peak and trough levels; base therapeutic recommendations on zero, one, or multiple measured drug levels; and can modify half-life and volume distribution to meet specific patient population requirements. Reference databases built into the KINETIDEX System present standard values for each drug's bioavailability, elimination constant, typical dose, dosing interval, and available dosage forms. In addition, background therapeutic information is provided for individual drugs, including recommended therapeutic levels, clinically significant TDM interactions, and guidelines for clinical monitoring.

BENEFITS

- Helps optimize drug therapy, resulting in improved patient care and outcomes
- Provides patient-specific dosing for drugs with narrow therapeutic indices
- Covers most frequently monitored drugs with narrow therapeutic indices

FEATURES

- Information displayed on two primary screens, making it quick and easy to learn and use
- Suggests initial and maintenance recommendations after considering drug serum concentrations, interacting drugs, disease states, etc.
- Maintains patient records for therapeutic drug monitoring programs

INTENDED USERS

- Drug development scientists
- Clinical pharmacologists
- Pharmacists
- Physicians

WHERE DO YOU STAND ON PHARMACOKINETICS?

ROI of pharmacokinetics?

Additional costs associated with drug-induced nephrotoxicity averages \$32,000 per case. Preventing as many cases as possible results in substantial savings.



Q. Do you want a more user-friendly tool to perform pharmacokinetics?

A. The Windows®-based KINETIDEX offers several exciting features:

- Quick, easy-to-use format
- Presents everything you need on only two screens
- User-friendly Windows environment for Vista® or Windows XP
- Allows user to overlap dosing regimens

Q. Are accuracy and simplicity important attributes of a pharmacokinetic program?

A. The KINETIDEX System uses Bayesian forecasting methods and has been rigorously tested and used by over 400 sites throughout the U.S. and abroad. The System provides accurate results and is intended for both the sophisticated and novice user.

Q. Is it important to you to maintain patient records for future reference?

A. The KINETIDEX database:

- Maintains patient records for future reference
- Bases individualization of therapy on age, various disease and physiologic states, multiple drug therapy, and formulations
- Offers customizable reporting capabilities

Q. Are efficient support and effective end-user training important to you and your organization?

A. Micromedex clinicians are happy to assist with all of your medical questions. The product also includes extensive help resources for clinicians. A tutorial is available to guide users through different patient scenarios and instruct them on the System's various functionalities. A user guide accompanies each new product shipped. Micromedex also offers Web-based training for interested prospects or users.

Call +1 877 843 6796 or visit www.micromedex.com/training for more information.

Q. Would you be proud to help improve drug effectiveness and prevent toxicity in your organization?

A. The KINETIDEX System can help you. Call +1 877 843 6796 for a trial CD or more information.

ABOUT THOMSON REUTERS

The Healthcare business of Thomson Reuters produces insights, information, benchmarks and analysis that enable organizations to manage costs, improve performance, and enhance the quality of healthcare. Thomson Reuters is the world's leading source of intelligent information for businesses and professionals. We combine industry expertise with innovative technology to deliver critical information to leading decision makers in the financial, legal, tax and accounting, scientific, healthcare and media markets, powered by the world's most trusted news organization. With headquarters in New York and major operations in London and Eagan, Minn., Thomson Reuters employs more than 50,000 people in 93 countries. Thomson Reuters shares are listed on the New York Stock Exchange (NYSE: TRI); Toronto Stock Exchange (TSX: TRI); London Stock Exchange (LSE: TRIL); and Nasdaq (NASDAQ: TRIN).

healthcare.thomsonreuters.com/clinician

Thomson Reuters
777 E. Eisenhower Parkway
Ann Arbor, MI 48108 USA
Phone +1 877 843 6796

©2009 Thomson Reuters.
All rights reserved.
PRO-6294 02/09 MD

