

An electronic infectious diseases clinical decision support system, TheraDoc, will be launched for the Antimicrobial Stewardship Program at The Nebraska Medical Center on October 1, 2008. This information technology system was initiated after thorough review by the Information Management Governance Committee. TheraDoc is a computerized infectious disease management system that uses patient-specific data, population statistics, and electronic clinical knowledge to provide patient-specific decision support in real-time. The system will allow the Antimicrobial Stewardship Program and the Infection Control Department to efficiently review data in order to make more timely and targeted evaluations for patient management. More appropriate antimicrobial use and enhanced infection control should lead to improved patient outcomes, improved patient safety, better management of antimicrobial resistance, and decreased costs.

Notably, TheraDoc will allow the Antimicrobial Stewardship Program to provide timely audit and feedback information to clinicians. In other words, the data provided by TheraDoc will be reviewed and if a change is indicated for a patient, prescribers may be contacted regarding such a change. As always, clinical ambiguity may exist. For some issues (e.g., patient with a resistant pathogen in the bloodstream not covered by antibiotics), prescribers may be paged; for other less urgent issues, a [note/order form](#) will be placed in the chart.

The Antimicrobial Stewardship Program is eager to increase the multidisciplinary collaboration at The Nebraska Medical Center in order to realize benefits for our patients.

[Standard Operating Procedure](#)