The Practice of Informatics

363 Viewpoint | Artificial Intelligence in Medicine: The Challenges Ahead.
ENRICO W. COIERA

MARK A. MUSEN, SAMSON W. TU, AMAR K. DAS, YUVAL SHAHAR

389 Application of Technology | ModelDB: An Environment for Running and Storing Computational Models and Their Results Applied to Neuroscience.
BRET E. PETERSON, MATTHEW D. HEALY, PRakash M. NADKARNI, PERRY L. MILLER, GORDON M. SHEPHERD

Original Investigations

399 Research Paper | A Meta-analysis of 16 Randomized Controlled Trials to Evaluate Computer-based Clinical Reminder Systems for Preventive Care in the Ambulatory Setting.
STEVEN SHEA, WILLIAM DUMOUCHIEL, LISA BAHAMONDE

410 Research Paper | A Cryptologic Based Trust Center for Medical Images.
STEPHEN T. C. WONG

ARTHUR S. ELSTEIN, CHARLES P. FRIEDMAN, FREDRIC M. WOLF, GWEN MURPHY, JUDITH MILLER, PAUL FINE, PAUL HECKERLING, TOM MILLER, JAMES Sisson, SEMA BARLAS, KEVIN BIOlsi, MACY NG, XIAO MEI, TIM FRANZ, AMY CAPITANO

Editorial Comments

429 Evaluating Evaluations of Medical Diagnostic Systems.
RANDOLPH A. MILLER

432 AIM: Quo Vadis?
CASIMIR A. KULIKOWSKI

Special Features

Index to Volume 3 436
Reviewers for Volume 3 366
AMIA News 434

Information for Authors appears in the January/February issue.