New Technologies for Advancing Healthcare and Clinical Practices

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As technology becomes further engrained in the modern healthcare experience, an understanding of the impact created by the implementation of each new technology as well as the issues surrounding the today’s medical experience is never more necessary.

New Technologies for Advancing Healthcare and Clinical Practices chronicles the latest developments that are forming the future of medicine. This book introduces and explores the current technological innovations and applications of information systems and informatics in the healthcare industry while directing frameworks for advancing healthcare and clinical practices and research. Practitioners, educators, and researchers will find an international collection of case studies, surveys, and empirical research using qualitative approaches.

Topics Covered:

- Alerts in Healthcare Applications
- Clinical Decision Support Systems
- Content-Based Image Retrieval
- EMR Functions and Physician Characteristics
- Evidence-Based Medical Guidelines
- Internet as a Source of Health Information
- IT Adoption and Evaluation in Healthcare
- Open Source Health Information Technology Projects
- Stakeholder Analysis in Healthcare Information Systems
- Telemedicine Services

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