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## Clinical Technologies: Concepts, Methodologies, Tools and Applications



Information Resources Management Association, USA

Modern technological advances in medicine are not restricted to treatments, but rather have revolutionized the entire application of healthcare from finding a doctor to executing a treatment.

**Clinical Technologies: Concepts, Methodologies, Tools and Applications** provides an exhaustive chronicling of these changes through the compiled research of hundreds of scholars. This multi-volume book delves into the many applications of information technology ranging from digitizing patient records to high-performance computing, to medical imaging and diagnostic technologies. Technological advancements have begun turning potential breakthroughs into established applications across the field of healthcare, as demonstrated by these volumes. The importance of healthcare cannot be overstated, making this work vital to everyone involved in creating the future of medicine.

### Topics Covered:

- Clinical high-performance computing
- Digital privacy
- Human-computer interaction
- Informatics in healthcare
- Information science
- Medical imaging
- Medical technologies
- Mobile healthcare
- Mobile technologies
- Patient-centered care

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**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

**Information Resources Management Association (IRMA)** is a research-based professional organization dedicated to advancing the concepts and practices of information resources management in modern organizations. IRMA's primary purpose is to promote the understanding, development and practice of managing information resources as key enterprise assets among IRM/IT professionals. IRMA brings together researchers, practitioners, academicians, and policy makers in information technology management from over 50 countries.

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Kaan Terry (National University of Singapore, Singapore)

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Martin Carmel M. (Northern Ontario School of Medicine, Ottawa, Canada)  
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Naka Katerina K. (Michailideion Cardiology Center, Greece)  
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Biswas Rakesh (People's College of Medical Sciences, India)  
Sturmberg Joachim (Monash University and The University of Newcastle, Australia)  
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Wei Wei (West China Hospital, China)