E-Health Care Information Systems: An Introduction for Students and Professionals
Joseph Tan (Editor)

**DESCRIPTION**

*E-Health Care Information Systems* is a comprehensive collection written by leading experts from a range of disciplines including medicine, health sciences, engineering, business information systems, general science, and computing technology. This easily followed text provides a theoretical framework with sound methodological approaches and is filled with numerous case examples. Topics include e-health records, e-public information systems, e-network and surveys, general and specific applications of e-health such as e-rehabilitation, e-medicine, e-homecare, e-diagnosis support systems, and e-health intelligence. *E-Health Care Information Systems* also covers strategies in e-health care technology management, e-security issues, and the impacts of e-technologies. In addition, this book reviews new and emerging technologies such as mobile health, virtual reality and nanotechnology, and harnessing the power of e-technologies for real-world applications.

**ABOUT THE AUTHOR**

Joseph Tan, Ph.D., currently on leave from the University of British Columbia, is professor and head of the Information System and Manufacturing Department at Wayne State University. He serves as guest editor and editorial board member for various journals and sits on key organizing committees for local, national, and international meetings and conferences. Tan’s research—which has enjoyed significant support from local, national, and international funding agencies and other sources—has been widely cited and applied across a number of major disciplines, including health care informatics and clinical decision support, health
technology management research, human processing of graphical representations, ergonomics, health administration education, telehealth, mobile health, and e-health promotion programming.

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