The E-Medicine, E-Health, M-Health, Telemedicine, and Telehealth Handbook (Two Volume Set)

From CRC Press

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The E-Medicine, E-Health, M-Health, Telemedicine, and Telehealth Handbook provides extensive coverage of modern telecommunication in the medical industry, from sensors on and within the body to electronic medical records and beyond. This two-volume set describes how information and communication technologies, the internet, wireless networks, databases, and telemetry permit the transmission and control of information within and between medical centers.

Featuring chapters written by leading experts and researchers in their respective fields, this authoritative handbook:

- Explains how medical personnel use information and communication technologies, sensors, techniques, hardware, and software
- Discusses wireless data transmission, networks, databases, processing systems, and automatic data acquisition, reduction, and analysis
- Serves the reference needs of a broad group of users?from advanced high school science students to healthcare and university professionals

The first volume, *Telemedicine and Electronic Medicine*, addresses everything from cloud computing to teleoncology. The second volume, *Telehealth and Mobile Heath*, discusses topics ranging from telesurgery to biokinematics for mobility. Both volumes incorporate clinical applications throughout for practical reference.

The E-Medicine, E-Health, M-Health, Telemedicine, and Telehealth Handbook bridges the gap between scientists, engineers, and medical professionals by creating synergy in the related fields of biomedical engineering, information and communication technology, business, and healthcare.

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Editorial Review

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