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Nota di contenuto	eHealth initiatives -- Online eHealth communities -- Behavioral, environmental, and public health informatics -- Clinical and health decision support systems -- Healthcare communication networks -- Wired and wireless communication technologies in health monitoring -- Computational neuroscience -- Intelligent healthcare -- Cloud computing and applications for health -- Big Data for healthcare practices Medical robotics -- Computational aging health -- Aging and independent living technologies -- User-adaptive gerontechnologies -- Mobile technology for Aging, health and wellbeing -- Social-care robotic for old Adults and caregivers interaction -- Security of medical systems -- Technologies and health global accessibility -- Ethical aspects in eHealth -- E-learning and education in healthcare -- Health

robotic assistance and rehabilitation -- Smart homes for ambient assisted living and healthcare -- Cognitive systems and applications -- Artificial Intelligence in Medicine and Health Sciences -- Gamification for Seniors and active healthy -- Health and entertainment technologies for old Adults.

Sommario/riassunto

This book explores the merging of technological clinical care and research as part of the changing paradigm in global healthcare delivery. Featuring selected contributions presented at the 2025 International Conference on Demographic Transition, Health, and Technologies (ICDTH25) held in Salinas, Ecuador, the contents of this book offer innovative insights into health-oriented technologies and examines their demographic challenges. It describes future technological advances towards the aging, health, and wellbeing of various communities. Presenting topics such as artificial intelligence in medicine and health sciences; health robotic assistance, security of medical systems, eHealth, gamification for the aging, health tourism, and entrepreneurship, among many others, this book provides an interdisciplinary contribution to healthcare management, technology, and demographics.
