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Nota di contenuto	1.Prospective Healthcare Systems for Non-Communicable Diseases using Smart Portable Devices for Drug Delivery -- 2.Transforming Ageing Healthcare: AI in Wearable Health Monitoring Technology -- 3. Assessing Disease Comorbidity in Hospital Patients through Machine Learning and Network Analysis Techniques -- 4.Intelligent Paradigms for Control and Data Mining in Healthcare Applications -- 5.Artificial intelligence in assistive technologies for rehabilitation and healthcare -- 6.Decision Support Systems in the Operating Room: The impact of a Digital Cognitive Aid on Stress in Anesthesia Emergency Management -- 7.Thinking Styles and Innovation Drivers: Shaping AI implementation in Aged and Community Care in Australia -- 8.A Unifying Approach for Digital Twins in Healthcare: Perspectives and Experiences -- 9. Paraconsistent Expert-Based Multicriteria Decision Analysis for Public Consultation in Health Technology Assessment -- 10.Protection of

patients data in e-health applications: challenges and abuses -- 11.  
Feature Ranking Analysis: Application Across Multiple Hospitals.

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Sommario/riassunto

This book presents innovative solutions for disease management, elderly care, rehabilitation, surgical decision-making, and health data security. This book explores the transformative impact of Artificial Intelligence (AI), machine learning, and smart technologies on modern healthcare. Addressing wearable devices, digital twins, assistive technologies, and ethical AI implementation, the book highlights how digital advancements enhance diagnostics, treatment personalisation, and patient outcomes. With contributions from leading experts, this collection serves as a vital reference for healthcare professionals, researchers, and policymakers shaping the future of patient-centred, data-driven medicine. .

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