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   Sommario/riassunto This book brings together cutting-edge research and innovative applications of artificial intelligence, machine learning, wearable technologies and decision support systems in modern healthcare. The

chapters demonstrate how these artificial intelligence innovations are driving next-generation healthcare solutions. The chapters present diverse clinical applications through advanced artificial intelligence approaches in diagnostics, treatment, rehabilitation and healthcare management, with a strong emphasis on patient-centred solutions. This book is directed to students, professors, researchers, practitioners in the field of healthcare, engineering, computer science and related areas.