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improve individual health indicators and empower caregivers -- Chapter 12. Edge Computing and Network Softwarization for the Internet of Healthcare Things -- Chapter 13. Health Care 4.0: Challenges for the Elderly with IoT -- Chapter 14. Segmentation of Lung Lesions Caused by COVID-19 in Computed Tomography Images Using Deep Learning.

Sommario/riassunto	This book provides an insight on the importance that the Internet of Things (IoT) and Information and Communication Technology (ICT) solutions can offer towards smart city and healthcare applications. The book features include elaboration of recent and emerging developments in various specializations of curing health problems; smart transportation systems, traffic management for smart cities; energy management, deep learning and machine learning techniques for smart health and smart cities; and concepts that incorporate the Internet of Everything (IoE). The book discusses useful IoE applications and architectures that cater to critical knowledge creation towards developing new capacities and outstanding economic opportunities for businesses and the society. Covers Internet of Everything with emphasis on smart city and healthcare applications; Features practical applications in e-health, medical devices, materials, and energy harvesting; Presents solutions that have the purpose of making everyday life easier through smart technology.