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Descrizione fisica	1 online resource (351 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 957
Disciplina	362.1 620.82
Soggetti	Quality control Reliability Industrial safety User interfaces (Computer systems) Medicine, Industrial Medical informatics Biomedical engineering Quality Control, Reliability, Safety and Risk User Interfaces and Human Computer Interaction Occupational Medicine/Industrial Medicine Health Informatics Biomedical Engineering and Bioengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	This book explores how human factors and ergonomic principles are currently transforming healthcare. It reports on the design of systems and devices to improve the quality, safety, efficiency and effectiveness of patient care, and discusses findings on improving organizational outcomes in the healthcare setting, as well as approaches to analyzing

and modeling those work aspects that are unique to healthcare. Based on papers presented at the AHFE 2019 International Conference on Human Factors and Ergonomics in Healthcare and Medical Devices, held on July 24–28, 2019, in Washington, DC, USA, the book highlights the physical, cognitive and organizational aspects of human factors and ergonomic applications, and shares various perspectives, including those of clinicians, patients, health organizations, and insurance providers. Given its scope, the book offers a timely reference guide for researchers involved in the design of medical systems, and healthcare professionals managing healthcare settings, as well as healthcare counselors and international health organizations.
