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Altri autori (Persone)	ButlerDavid (David Alan)
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Nota di contenuto	Medical aspects of traumatic brain injury / Robert Labutta -- Traumatic brain injury and the military health system / Michael S. Jaffee -- Examples of operational systems engineering applications relevant to traumatic brain injury care / William P. Pierskalla -- Case study: Vanderbilt's journey toward system-supported practice / William W. Stead -- Suggestions for analysis plans by working groups -- Appendixes: A. Biographical information -- B. Issues raised by stakeholders about the military care of patients with traumatic brain injury -- C. Operational systems engineering applications based on issues raised by TBI stakeholders -- D. National academy of engineering/institute of medicine preliminary information-gathering meeting: TBI care system mapping -- E. Workshop agenda -- F. Workshop attendees -- G. Working groups -- H. Definitions and examples of operational systems engineering tools and concepts.
Sommario/riassunto	This book makes a strong case for taking advantage of the best of two disciplines-health care and operational systems engineering (a

combination of science and mathematics to describe, analyze, plan, design, and integrate systems with complex interactions among people, processes, materials, equipment, and facilities)-to improve the efficiency and quality of health care delivery, as well as health care outcomes. Those most interested in pursuing this approach include leaders in the U.S. Department of Defense (DOD) and Department of Veterans Affairs, who are committed to finding ways of improving the quality of care for military personnel, veterans, and their families. Intrigued by the possibilities, DOD decided to sponsor a series of workshops to explore the potential of operational systems engineering principals and tools for military health care, beginning with the diagnosis and care of traumatic brain injury (TBI), one of the most prevalent, difficult and challenging injuries suffered by warriors in Iraq and Afghanistan.