

support systems, clinical complex systems, and human factor engineering. Examples are fully supported with case studies, and global perspective is maintained throughout. This book is ideal for clinical engineers, biomedical engineers, hospital administrators and medical technology manufacturers. Presents clinical systems engineering in a way that will help users answer many questions relating to clinical systems engineering and its relationship to future healthcare needs. Explains how to assess new healthcare technologies and what are the most critical issues in their management. Provides information on how to carry out risk analysis for new technological systems or medical software. Contains tactics on how to improve the quality and usability of medical devices.

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