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| Nota di contenuto | Cover; Dedication; Title page; Copyright page; Contributors; Preface; CHAPTER 1: Health care reform: The scope of the problem; The waste and the cost; The causes: Expanded list; CHAPTER 2: Only studies which are necessary; Scope of the issue; Ideal solution; Practical solution; Follow-up folly; Conclusion; CHAPTER 3: Radiation dose reduction; Scope of the issue; Ideal solution; Workable solution; Conclusions; CHAPTER 4: Alternate imaging studies to CT; Scope of the issue; Discussion of specific US indications; Drawbacks of US; Ideal solution; Workable solution; CHAPTER 5: Patient information Scope of the issue; Ideal solution; Workable solution; CHAPTER 6: Are we doing the right study?; Introduction; Medical imaging's image: More and more is less and less; CT: Increasing radiation exposure versus public health and safety; Protecting our children; Historical efforts to solve the problem of medical imaging overutilization: Limitations of radiology benefits management programs; The meaningful use of health information technology: Computerized decision support systems; Progress in reducing the overuse and misuse in imaging; Impediments; Conclusions and recommendations CHAPTER 7: Radiology medical education Scope of the issue; Future directions; Radiology education beyond Radiology residency-medical students and residents from other areas; Conclusions; CHAPTER 8: |

Quality metrics for radiology practice; Overview; Quality; Diagnostic accuracy of reports; Safety; Conclusions; CHAPTER 9: Medicolegal reform; Scope of the issue; Ideal solution; Workable solution; CHAPTER 10: Pressures on reduced compensation for clinical service; Scope of the issue; Ideal solution; Workable solution; Conclusions; CHAPTER 11: National health care systems; Scope of the issue; Ideal solution; Workable solution; Conclusions; CHAPTER 12: Research in radiology; Scope of the issue; Research: basic, clinical, and translational; Evidence-based research; Grant foundations; Postmodern medical imaging for end-of-life care: A case for research; DNA double-strand breaks as biological markers for radiation-induced DNA damages in radiology; Conclusions; Subject index

Sommario/riassunto

The first book-length treatment of the absolutely essential topic of U.S. health care reform for imaging specialists. This latest volume in the Current Clinical Imaging series offers all professionals involved with imaging a cogent, concise discussion of major issues related to health care reform from the perspective of fellow imaging specialists. It provides radiologists with a solid footing in understanding where they are now and where they can expect to be in the evolution of health care reform over the next ten years. Presenting an excellent balance of clinical and health
