

# An Analysis of 25 Milliman & Robertson Guidelines for Surgery

## Data-Driven *Versus* Consensus-Derived Clinical Practice Guidelines

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### Summary Background Data

Managed care guidelines such as those by Milliman & Robertson (M&R) are being implemented with increasing frequency. Many fellows of the American College of Surgeons have raised concerns that the targets set by the M&R guidelines are too aggressive. Uninformed attempts to reach these targets may harm patients. The primary hypothesis of this study was that many of the M&R guidelines are at wide variance from the actual length of stay of patients treated for these diseases.

### Methods

Data for the determination of the present practice of care for patients in 25 M&R guidelines were obtained from the hospital discharge data base for North Carolina for 1995. Twenty-five of the M&R guidelines were compared to the actual patient mean, mode, and median length of stay.

There is increasing national interest in the potential of clinical practice guidelines to promote the effectiveness and efficiency of health care.<sup>1-29</sup> Known by various names and in a variety of formats—practice standards, practice protocols, critical paths, practice guidelines—all have evolved from differing attempts to monitor the quality and the cost of health care.<sup>1-30</sup>

Various factors, such as the explosion in medical technology, the variety of treatments offered in different geographic locations, and evidence that some treatments

### Results

In 8 of the 25 patient groups, the difference between the actual mean length of stay and M&R guidelines exceeded 5 days.

### Conclusions

Many of the M&R guidelines were found to be at wide variance from the actual length of stay of patients treated for these diseases in North Carolina. For many patients, the M&R guidelines are not applicable. Applying them in an uninformed way—in other words, discharging patients from the hospital too early—may hurt some patients. This study should not be interpreted as a criticism of the trend to use guidelines in general; rather, it should be considered a cautionary note that all guidelines must be reviewed scientifically to determine their soundness, applicability, and credibility.

and procedures performed may be unnecessary, have brought about major initiatives to standardize treatment and control costs while delivering superior care. It is easy to understand why guideline development has become a major initiative in the delivery of health care in the United States. Guidelines are used to guide patient management and to assist physicians in making clinical decisions, decreasing variations in practice, improving the quality of care, and cutting costs. Properly developed guidelines may provide a mechanism to rationalize clinical practice and improve the value of health care services.

Most of those involved in guideline development believe that for clinical practice guidelines to be useful, they must be based on sound clinical and scientific evidence. Guidelines must clearly demonstrate that they promote improved patient outcomes and do not harm patients by limiting access to resources and care.

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**The Ethos of Medicine in Postmodern America** Arnold R. Eiser, 2013-12-24 Has postmodern American culture so altered the terrain of medical care that moral confusion and deflated morale multiply faster than both technological advancements and ethical resolutions The Ethos of Medicine in Postmodern America is an attempt to examine this question with reference to the cultural touchstones of our postmodern era consumerism computerization corporatization and destruction of meta narratives The cultural insights of postmodern thinkers such as Foucault Deleuze and Guattari Lyotard Baudrillard Bauman and Levinas help elucidate the changes in healthcare delivery that are occurring early in the twenty first century Although only Foucault among this group actually focused his critique on medical care itself their combined analysis provides a valuable perspective for gaining understanding of contemporary changes in healthcare delivery It is often difficult to envision what is happening in the psychosocial cultural dynamic of an epoch as you experience it Therefore it is useful to have a technique for refracting those observations through the lens of another system of thought The prism of postmodern thought offers such a device with which to view the eclipse of changing medical practice Any professional practice is always thoroughly embedded in the social and cultural matrix of its society and the medical profession in America is no exception In drawing upon the insights of key Continental thinkers such as American scholars this book does not necessarily endorse the views of postmodernism but trusts that much can be learned from their insight Furthermore its analysis is informed by empirical information from health services research and the sociology of medicine Arnold R Eiser develops a new understanding of healthcare delivery in the twenty first century and suggests positive developments that might be nurtured to avoid the barren Silicon Cage of corporate bureaucratized medical practice Central to this analysis are current healthcare issues such as the patient centered medical home clinical practice guidelines and electronic health records This interdisciplinary examination reveals insights valuable to anyone working in postmodern thought medical sociology bioethics or health services research

**Essentials of Managed Health Care** Peter Reid Kongstvedt, 2013 Rev ed of Essentials of managed health care edited by Peter R Kongstvedt 5th ed c2007 Evidence-based Surgery Toby A. Gordon, John L. Cameron, 2000 As the healthcare environment changes the need for outcomes based treatment planning becomes even more critical This book guides the reader through current outcomes based research as it pertains to surgery First it gives a complete overview of the practice of evidence based surgery EBS with topics such as treatment planning policy issues and ethical issues Then it gives practical step by step advice on the methodology of EBS with chapters on study design outcomes measures adjustments for complications and comorbidities cost and data sources Last it publishes the results of numerous respected EBS studies

Making a Killing Jamie Court, Francis Smith, 1999 Court a nationally recognized consumer advocate and founder of a health care watchdog project and Smith an attorney and president of a public policy consulting firm expose appalling practices of HMOs and the corrupt world of managed care They tell true

stories of patient victims who got caught and killed in the system and expose the profit motive behind the misery revealing the collusion of the insurance industry's powerful lobbyists with Congress and state legislatures to block any serious reforms They supply an HMO patients self defense kit to help patients overcome HMO stonewalling The Joint Commission Journal on Quality Improvement ,1996-06 *International Directory of Company Histories* Tina Grant,Thomas Derdak,2004-12 Provides detailed histories of many of the largest and most influential companies worldwide Intended for reference use by students business persons librarians historians economists investors job candidates and others who want to learn more about the historical development of the world's most important companies Congressional Record United States. Congress,2000 The Congressional Record is the official record of the proceedings and debates of the United States Congress It is published daily when Congress is in session The Congressional Record began publication in 1873 Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States 1789 1824 the Register of Debates in Congress 1824 1837 and the Congressional Globe 1833 1873 The Ethics of Managed Care: Professional Integrity and Patient Rights W.B. Bondeson,J.W. Jones,2002-12-31 This collection provides a philosophical and historical analysis of the development and current situation of managed care It discusses the relationship between physician professionalism and patient rights to affordable high quality care Its special feature is its depth of analysis as the philosophical social and economic issues of managed care are developed It will be of interest to educated readers in their role as patients and to all levels of medical and health care professionals **Principles and Practice of Emergency Medicine** George R. Schwartz,1999 **The Year Book of Surgery** Edward M. Copland,1999 The Managed Health Care Handbook Peter Reid Kongstvedt,1996 **Best's Review** ,1995 *West's New York Supplement* ,2001 *Washington State Bar News* ,1996 Health Care Standards ,1996 **Advanced Nursing Practice** Ann B. Hamric,Judith A. Spross,Charlene M. Hanson,2000 ADVANCED NURSING PRACTICE presents a comprehensive and scholarly presentation of the roles and issues related to advanced practice nursing This unique text synthesizes concepts practical strategies and knowledge of current environmental forces with the goal of helping advanced practice nurses improve patient care and legitimize their roles in a changing health care system The authors both define and describe all the competencies that make up advanced nursing practice including direct clinical practice consultation coaching guidance research leadership collaboration and ethical decision making **Extending Library Service to Rural Areas in Louisiana, 1956-1969** Julia King Avant,1972 **Policy Compendium** American Medical Association,1999 *Reports of Cases Decided in the Appellate Division of the Supreme Court, State of New York* New York (State). Supreme Court. Appellate Division,Marcus Tullius Hun,Jerome B. Fisher,Austin B. Griffin,Edward Jordan Dimock,Louis J. Rezzemini,Leland F. Coss,James M. Flavin,2001 Reports of cases decided in the Appellate Division of the Supreme Court of the state of New York ,2001

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