

# The RAND/UCLA Appropriateness Method User's Manual

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# Rand Ucla Appropriateness Method Users Manual

**Minjie Lin**



## **Rand Ucla Appropriateness Method Users Manual:**

The Rand/UCLA Appropriateness Method User's Manual Kathryn Fitch, Steven J. Bernstein, Maria Delores Aguilar, Mary S. Aguilar, Bernard Burnand, Pablo Lazaro, Juan Ramon LaCalle, 2001 Health systems should function in such a way that the amount of inappropriate care is minimized while at the same time stinting as little as possible on appropriate and necessary care The ability to determine and identify which care is overused and which is underused is essential to this functioning To this end the RAND UCLA Appropriateness Method was developed in the 1980s It has been further developed and refined in North America and increasingly in Europe The rationale behind the method is that randomized clinical trials the gold standard for evidence based medicine are generally either not available or cannot provide evidence at a level of detail sufficient to apply to the wide range of patients seen in everyday clinical practice Although robust scientific evidence about the benefits of many procedures is lacking physicians must nonetheless make decisions every day about when to use them Consequently a method was developed that combined the best available scientific evidence with the collective judgment of experts to yield a statement regarding the appropriateness of performing a procedure at the level of patient specific symptoms medical history and test results This manual presents step by step guidelines for conceptualising designing and carrying out a study of the appropriateness of medical or surgical procedures for either diagnosis or treatment using the RAND UCLA Appropriateness Method The manual distills the experience of many researchers in North America and Europe and presents current as of the year 2000 thinking on the subject Although the manual is self contained and complete the authors do not recommend that those unfamiliar with the RAND UCLA Appropriateness Method independently conduct an appropriateness study instead they suggest seeing one before doing one To this end contact information is provided to assist potential users of the method

The RAND/UCLA Appropriateness Method User's Manual ,2001 The concepts of appropriate and necessary care are fundamental to the creation of an efficient and equitable health care delivery system Evidence of inappropriate overuse and underuse of procedures has been documented even in health systems characterised by the absence of global budgets capitation utilisation review or the pressure of requiring a second opinion Health systems should function in such a way that inappropriate care is progressively reduced while appropriate and especially necessary care are maintained or increased The ability to determine and identify which care is overused and which is underused is essential to this functioning To this end the RAND UCLA Appropriateness Method here given the acronym RAM was developed by RAND and UCLA in the 1980s It has been further developed and refined in North America and increasingly in Europe

*Radiological Safety and Quality* Lawrence Lau, Kwan-Hoong Ng, 2013-11-22 This book is the product of a unique collaboration by experts from leading international regional and national agencies and professional organizations discussing on the current hot issue on the judicious use and safety of radiation in radiology There have been several cases involving radiation overexposure that have received international attention Strategies and solutions to guide readers how to maximize

the benefits and minimize the risks when using radiation in medicine are covered      Comprehensive Guide to Adult Spinal Deformity Evalina Burger,Christopher Kleck,2024-09-06 This textbook covers a wide range of topics from the basics to complex pathologies and includes information on various treatment options We have worked diligently to compile relevant insights from leading experts in the field making this a valuable source of information for healthcare professionals In a world characterized by rapid advancements and continuous development we recognize the importance of providing a comprehensive perspective on spinal deformity management We anticipate that revolutionary technologies will continue to emerge in the future and we hope that this body of work will serve as a guiding light for treating even the most intricate spinal deformities      **Handbook of Theory and Methods in Applied Health Research** Catherine Walshe,Sarah Brearley,2020-07-31 This Handbook expertly instructs the reader on how to conduct applied health research across a number of disciplines Particularly aimed at postgraduate health researchers and students of applied health research it presents and explains a wide range of research designs and other contemporary issues in applied health research      Integrated Non-Invasive Cardiovascular Imaging: A Guide for the Practitioner IAEA,2021-06-14 Integrated cardiovascular imaging is the optimal use of multiple imaging modalities to obtain complementary information about cardiac diseases to aid in diagnosis determine aetiology and prognosis with the ultimate objective of effectively guiding clinical decision making Over the past few decades advances in technology have contributed to the development of new imaging modalities and refinement of existing ones leading to major improvements in the accuracy of diagnosing cardiovascular disease While modality centric expertise has been the primary driver of improvements in each modality this has also contributed to imagers working in silos resulting with limited inter modality coordination and collation of information relevant for patient care This publication provides comprehensive guidance on the rationale and implementation of integrated cardiovascular imaging for practitioners

The ASCRS Textbook of Colon and Rectal Surgery David E. Beck,Patricia L. Roberts,Theodore J. Saclarides,Anthony J. Senagore,Michael J. Stamos,Yosef Nasser,2011-06-09 Developed in conjunction with the American Society of Colon and Rectal Surgeons this comprehensive textbook provides readers with the full scope of surgical practice for patients with diseases of the colon and rectum Expert surgeons all active both as educators and with busy clinical practices have written concise and practical chapters on the most commonly done procedures while providing much needed insight on less frequently presentations as well The ASCRS Textbook is designed to meet the needs not only of colorectal specialists but also the general surgeon in practice whose caseload includes patients with disorders and diseases of the colon rectum and anus Residents and fellows will also find a wealth of hands on guidance and practical tips and tricks The ASCRS Practice Parameters are incorporated in the book along with an appendix providing the most up to the minute access to best practice guidelines Patient care and safety are addressed in each chapter The ASCRS Textbook of Colon and Rectal Surgery is a long awaited textbook for those in the field and it does not disappoint It is brief and to the point but does not lack the necessary

detail expected from a society produced publication It has an easy to read quality that enhances comprehension for the trainee It is by no means just a student textbook The inclusion of hot current topics like the anal fistula plug makes it fresh and useful for experienced surgeons This is an excellent addition to the colorectal library Doody's Review

**Benzel's Spine Surgery E-Book** Michael P. Steinmetz, Sigurd H. Berven, Edward C. Benzel, 2021-05-18 Written and edited by world renowned experts in the field Benzel's Spine Surgery Techniques Complication Avoidance and Management 5th Edition provides expert step by step guidance on the evaluation and management of disorders of the spine This definitive two volume work explores the full spectrum of techniques used in spine surgery giving you the tools you need to hone your skills and increase your knowledge in this challenging area Clearly organized and extensively revised throughout it features contributions from both neurosurgeons and orthopaedic surgeons to present a truly comprehensive approach to spine disease Offers a thorough overview of the effective management of patients with spinal disorders including fundamental principles biomechanics applied anatomy instrumentation pathophysiology of spinal disorders surgical techniques motion preservation strategies non surgical management and complication avoidance and management as well as controversies Focuses on both pathophysiology and surgical treatment of spine disease with an increased emphasis on minimally invasive surgery Contains new features such as key points boxes at the beginning of chapters and algorithms to help streamline the decision making process Covers today's hot topics in spine surgery such as health economics artificial intelligence predictive analytics new less invasive techniques including endoscopic spine surgery and the future of spine surgery Provides expert coverage of key topics including biomechanics of motion preservation techniques spinal injuries in sports biologics in spine fusion surgery anterior sub axial cervical fixation and fusion techniques complex lumbosacropelvic fixation techniques and many more Features more than 1 500 high quality illustrations as well as new procedural videos on en bloc spondylectomy minimally invasive endoscopic posterior cervical foraminotomy cervical total disc replacement minimally invasive lumbar decompression of stenosis and more Enhanced eBook version included with purchase Your enhanced eBook allows you to access all of the text figures and references from the book on a variety of devices

**The Refractive Thinker: Vol. II: Research Methodology** Elmer Hall, Cheryl A. Lentz, Edward Knab, 2009-09-14 This collection of the works of nine scholarly authors affiliated with UOP School of Advanced Studies includes topics such as Part I The Delphi Primer Part II Mixed Methods Part III Qualitative Part IV Quantitative and Part V Research as Art Please visit our website for chapter summaries author bios and additional details Come journey with us to become refractive thinkers

**Radiology 101** Thomas A. Farrell, 2019-09-09 With over 35 000 copies of the first 4 editions sold Radiology 101 introduces diagnostic imaging to non radiologists medical students individuals on a radiology rotation as well as PA and nursing students As in previous editions there is coverage of normal anatomy commonly encountered diseases and their radiological manifestations with up to date clinical content relevant to those studying for the USMLE Each chapter includes an outline highlighted important information

and an end of chapter Question and Answer section Throughout the book emphasis is placed on what exam to order with extensive referencing to the ACR Appropriateness Criteria which will assume new importance as the basis for evidence based clinical decision support when ordering imaging in the near future     *The Art of Hernia Surgery* Giampiero

Campanelli,2018-07-30 This book is a comprehensive guide to the surgical repair of inguinal and abdominal wall hernias that not only describes all potential approaches but also places them in the context of the anatomy of the region the pathology and the advances in scientific knowledge over the past decade It documents in detail the individual techniques applicable in each region inguinal femoral and ventral highlighting tips and tricks and focusing on indications potential complications and outcomes In addition it presents cases of incisional hernia and examines less frequent and rare cases and complex situations Written for surgeons from around the globe it includes procedures used in wealthy developed countries and those without mesh more commonly employed in developing countries With a format designed to facilitate use in daily practice it is invaluable for residents seeking step by step guidance on procedures ranging from repair of simple inguinal hernias to complex reconstruction for general surgeons who frequently perform hernia repairs and for hernia specialists aiming to achieve optimal results It also appeals to researchers with an interest in the scientific background to hernia surgery     Atlas

of Cardiovascular Computed Tomography Matthew J. Budoff,Stephan S. Achenbach,Harvey S. Hecht,Jagat Narula,2018-05-23 This atlas is a comprehensive visual reference for the use of cardiovascular computed tomography CT containing photomicrographs anatomic illustrations tables and charts paired with extensive legends and explanations that are supplemented by extensive research peer reviewed articles and textbooks In addition to providing historical perspective and current direction for CT this new edition of Atlas of Cardiovascular Computed Tomography 2e focuses on research involving coronary artery diseases and anomalies congestive heart failure atherosclerotic plaques and asymptomatic disease as well as imaging techniques including preparation acquisition and processing involving the great vessels and carotids the peripheral vasculature and coronary and pulmonary veins The increasing role of CT in the emergency room and in private cardiology practice is also reviewed thoroughly making this an essential read for all involved in cardiac imaging cardiology and emergency medicine     Essentials of Spinal Stabilization Langston T. Holly,Paul A. Anderson,2017-10-11 This text includes

stabilization techniques for the entire spinal column ranging from the cranio cervical junction to the pelvis The information is presented in an easily digestible format that is suitable for those in school or training yet includes pearls and insight that can be appreciated by even the most seasoned surgeon The text is divided into major sections based on the anatomical regions of the spine cervical thoracic and lumbosacral An additional section is devoted to related surgical concepts and principles such as spinal biomechanics and bone grafting options Each chapter has a uniform design including background indications patient selection preoperative considerations surgical technique technical pearls and strategies for complication avoidance Preoperative and postoperative images and or illustrations are utilized to highlight the presented information Edited by a

Neurosurgeon and an Orthopedist and written by leading national and international Neurosurgery and Orthopedic spine experts Essentials of Spinal Stabilization provides a text which will broadly appeal to all spine care professionals

**International Handbook of Teaching and Learning in Health Promotion** Marco Akerman, Ana Claudia Camargo Gonçalves Germani, 2022-06-22 This international handbook brings together researchers and teachers from 25 countries of the five continents to share their experiences of teaching health promotion in undergraduate and graduate courses related to different health professions Chapter authors share teaching methodologies used in classes discuss the competencies students need to learn and indicate research opportunities Readers will be provided with real world examples of empowering participatory holistic intersectoral equitable and sustainable teaching learning strategies that aim to improve health and reduce health inequities This handbook was edited by an editorial board formed by 12 members of the International Union for Health Promotion and Education IUHPE from seven countries Brazil Belgium Canada Israel New Zealand Taiwan and UK and includes 45 chapters organized in seven thematic sections each one dedicated to a different aspect of the process of teaching and learning health promotion The health promotion curriculum Making health promotion relevant to practice Pedagogies for health promotion Special topics for health promotion Health promotion assessment and quality assurance Health promotion as a transformational practice Students reflections The International Handbook of Teaching and Learning in Health Promotion Practices and Reflections from Around the World aims to encourage a dialogue between teaching and learning practices carried out locally and the possibilities of replicating these experiences globally recognizing cultural differences and similarities This handbook is intended for a wide range of readers including education and training providers health professionals and health care students Due to its intersectoral and interdisciplinary approach it will also be of interest to teachers and students in other fields of the Social Sciences such as Urban Planning Social Work Public Policy International Relations and Population Studies

**Selected Rand Abstracts** Rand Corporation, 2002 Includes publications previously listed in the supplements to the Index of selected publications of the Rand Corporation Oct 1962 Feb 1963

**Improving Patient Care** Richard Grol, Michel Wensing, Martin Eccles, David Davis, 2013-03-18 As innovations are constantly being developed within health care it can be difficult both to select appropriate new practices and technologies and to successfully adopt them within complex organizations It is necessary to understand the consequences of introducing change how to best implement new procedures and techniques how to evaluate success and to improve the quality of patient care This comprehensive guide allows you to do just that Improving Patient Care 2nd edition provides a structure for professionals and change agents to implement better practices in health care It helps health professionals managers policy makers and researchers to assess new techniques and select and implement change in their organizations This new edition includes recent evidence and further coverage on patient safety and patient centred strategies for change Written by an international expert author team Improving Patient Care is an established standard text for postgraduate students of health policy health

services and health management The strong author team are global professors involved in managing research and development in the field of quality improvement evidence based practice and guidelines quality assessment and indicators to improve patient outcomes through receiving appropriate healthcare Improving Patient Care Michel Wensing, Richard Grol, Jeremy M. Grimshaw, 2020-05-11 Strategies for successfully updating and improving health care organizations of all kinds Health care is always evolving and improving However the rapid speed of medical advancement can make the adoption of new technologies and practices a challenging process particularly in large organizations and complex networks Any projected impact upon quality and outcomes of care must be carefully evaluated so that changes may be implemented in the most efficacious and efficient manner possible Improving Patient Care equips professionals and policymakers with the knowledge required to successfully optimize health care practice By integrating scientific evidence and practical experience the text presents a cohesive and proven model for practice change and innovation complete with analysis of innovation target group and setting selection and application of strategies and evaluation of process outcomes and costs This new third edition also includes Newly written chapters on clinical performance feedback patient engagement patient safety evaluation designs and methods for process evaluation Increased emphasis on the role of contextual influences in implementation and improvement New research examples from across the world and updated scientific literature throughout Designed to help promote safer and more efficient patient centered care and better outcomes Improving Patient Care is an essential resource for healthcare providers quality assessors and students of health services research health management and health policy

**Overcoming Fragmentation in Southeast Europe** Panayiotis Getimis, 2017-11-28 With the expansion of the European Union the countries of Southeast Europe have finally been brought together within one socio political entity The restructuring of these economies following globalization and neoliberalization has meant that this region has become much more open to geopolitical shifts and trends While the various countries have all entered into the slow process of European integration the historic fragmentation of this region has led to various conflicts and contradictions in the restructuring and transition of national economies This volume provides a theoretical and comparative overview which examines the prospects for spatial cohesion in this region With the need to handle persisting problems and conflicts from the past while coping with new economic and political structures Southeast Europe proves to be a challenging yet fruitful testing ground for how best to overcome fragmentation and establish a long term process of social and economic integration *Using the Delphi Method to Establish Expert Consensus* Anthony Jorm, 2025-07-29 This Open Access book provides detailed practical guidance on how to do a Delphi study to establish a consensus across the broad range of social psychological health and environmental sciences The book informs the design of Delphi studies by drawing on wisdom of crowds research on the conditions under which groups make better quality judgements It covers the development of the Delphi method and its many variations as well as the ways this method has been used to make judgements of facts where the evidence is imperfect set methodological



standards make predictions define foundational concepts determine collective values and improve professional practice and policy It takes the reader through the steps in carrying out a Delphi study and the choices that have to be made at each step It also covers the implementation of Delphi findings in practice Case examples are included throughout drawing from a variety of disciplines

**Digital Healthcare Empowering Europeans** R. Cornet, L. Stoicu-Tivadar, A. Hörbst, 2015-05-08

The digitization of healthcare has become almost ubiquitous in recent years spreading from healthcare organizations into the homes and personal appliances of practically every citizen Thanks to the collective efforts of health professionals patients and care providers as well as systems developers and researchers the entire population of Europe is able to participate in and enjoy the benefits of digitized health information This book presents the proceedings of the 26th Medical Informatics in Europe Conference MIE2015 held in Madrid Spain in May 2015 The conference brings together participants who share their latest achievements in biomedical and health Informatics including the role of the user in digital healthcare and provides a forum for discussion of the inherent challenges to design and adequately deploy ICT tools the assessment of health IT interventions the training of users and the exploitation of available information and knowledge to further the continuous and ubiquitous availability and interoperability of medical information systems Contributions address methodologies and applications success stories and lessons learned as well as an overview of on going projects and directions for the future The book will be of interest to all those involved in the development delivery and consumption of health and care information

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