

Cerner Millennium Training Manual Lis

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Accelerated Learning in Practice

Practical Pathology Informatics introduces and demystifies a variety of topics in the broad discipline of pathology informatics with a focus on issues of particular relevance to the practicing anatomic pathologist. Early chapters contain basic information about computers and databases which is applicable to any discipline, with the later chapters containing more anatomic pathology specific topics. Chapters can be read in any order and are divided into short sections. Organized in an easy-to-read format, the book is aimed at providing pathologists and pathology residents with the practical information they need to make intelligent, informed decisions about the deployment and use of information technology tools in their day-to-day practice, and ultimately, better position themselves for informed decision making and intelligent communication with the information systems groups at their institutions. John Sinard, MD, PhD is Associate Professor of Pathology in the Department of Pathology and Director, Pathology Informatics Program at Yale University School of Medicine in New Haven, Connecticut.

A Frequency Dictionary of French

Ethnopedology in a Worldwide Perspective

Guidelines for Laboratory Design: Health and Safety Considerations, Third Edition provides reliable design information related to specific health and safety issues that need to be considered when building or renovating laboratories."

The ABCs of LIS

This book is a practical introduction to the fundamental issues in providing humanitarian relief in emergencies. Bringing together an internationally distinguished team of physicians, diplomats, scholars, activists, and other professionals, the book covers a wide range of crises. The essays form an essential introduction to the dynamics of aidb7s and responding to the effects of war, civil strife, epidemics, and other emergencies.

Clinical Laboratory Science

A Frequency Dictionary of French is an invaluable tool for all learners of French, providing a list of the 5000 most frequently used words in the language. Based on a 23-million-word corpus of French which includes written and spoken material both from France and overseas, this dictionary provides the user with detailed

information for each of the 5000 entries, including English equivalents, a sample sentence, its English translation, usage statistics, and an indication of register variation. Users can access the top 5000 words either through the main frequency listing or through an alphabetical index. Throughout the frequency listing there are thematically-organized lists of the top words from a variety of key topics such as sports, weather, clothing, and family terms. An engaging and highly useful resource, the Frequency Dictionary of French will enable students of all levels to get the most out of their study of French vocabulary. Deryle Lonsdale is Associate Professor in the Linguistics and English Language Department at Brigham Young University (Provo, Utah). Yvon Le Bras is Associate Professor of French and Department Chair of the French and Italian Department at Brigham Young University (Provo, Utah).

Intensive and Critical Care Medicine

Geometric Level Set Methods in Imaging, Vision, and Graphics

This book has been a market leader in its field for many years, in part because it provides both a fundamental overview of the field of clinical laboratory science and a discipline-by-discipline approach to each of the clinical lab science areas. Key

features in this edition include: expanded art program, Glossary, Review Questions, Case Studies, Chapter Outlines, easy-to-read format, Learning Objectives to reflect taxonomy levels of CLT/MLT and CLS/MT exams, and coverage of both clinical and theoretical information. Authors have extensive experience in the field and lend an in the trenches view of life to the modern clinical laboratory Case Studies, Review Questions, Chapter Outlines and various other features make it easy for the student to find pertinent information 299 illustrations illustrate key points

Twelve Years a Slave

It is often said that the practice of management is in crisis, and that managers are now finding it harder than ever to develop strategies which withstand the shocks of the marketplace. This illuminating book cuts through these conflicting issues to show how organizational communication plays a vital role in confronting uncertainty. Arguing that many managers fail to adequately consider the communication consequences of the decision making process and its impact on organizational effectiveness, Hargie and Tourish present here numerous organizational communication insights, and show how they reveal a way through these dilemmas. Based on cutting-edge research findings and case studies, this book features contributions from the UK, USA, Canada, New Zealand and Norway, bringing multiple perspectives to this topical subject. The result is a comprehensive guide to organizational communication useful for managers, academics and

students.

Principles & Practice of Point-of-care Testing

This volume is the first comprehensive clinical practice reference in the rapidly growing field of point-of-care testing. Written by the experts and innovators in point-of-care testing technologies and procedures, the book provides practical guidance in planning and implementing the most reliable, clinically useful, and cost-effective point-of-care procedures and systems. The opening section discusses the goals of point-of-care testing and thoroughly explains the basic principles and methods. A major portion of the book examines applications in a variety of clinical settings, and includes case studies that demonstrate the benefits, limitations, and cost-effectiveness of point-of-care testing. Concluding sections focus on management, performance, information systems, and economic outcomes. A technical appendix is included. A Brandon-Hill recommended title.

Laboratory Quality Management System

This book is for everyone using Cerner's Discern Visual Developer to create queries and reports. The book focuses on learning and using Layout Builder. The book is geared for people new to databases, queries and report building as well as

seasoned developers. Version 2008.01 of Discern Visual Developer is used for all examples and explanations. Prompt Builder, Query Builder, and detailed report layout creation are all covered in this book. The book is full of examples as well as pitfalls to avoid.

A Handbook of Pronunciation

The move to manage medicine from a financial perspective, i.e. managed care, has added huge layers of bureaucratic and administrative functions to healthcare. The need to have the ability to track patient medical records, mandated by government legislation such as HIPAA, is bringing new technologies and processes into the healthcare arena. A univer

New Developments in Civil and Commercial Mediation

By means of the analysis of more than 20 national jurisdictions of different legal and geographical origin this book provides a general understanding of the developments that civil and commercial mediation is currently undertaking across the world. The book combines 25 national reports with a General Report analyzing the major trends in civil and commercial mediation worldwide. A number of the key variables that make mediation so effective are studied in depth in the book. The

concept of mediation, that varies from country to country. Its legal framework and the branches of public and private law in which it is used. The legal condition of the mediation agreement and its relevant conditions of form and content, the responsibilities of the parties in the event that they violate this agreement and the effects of this agreement on potential recourse to the courts or to arbitration, as well as with regard to pending cases. As well as the role played by the mediator, his or her appointment or designation, legal and ethical responsibilities, and the role of institutions in mediation. As well as the mediation process, its applicable rules and principles and its costs are analyzed on comparative basis. The book also pays special attention to the outcome of mediation. The enforceability of the settlement reached both in domestic and cross-border mediations constitutes a basic element for the success of the institution and is thoroughly studied. This volume constitutes a unique instrument for those interested on mediation, either practitioners, judges or academics.

Healthcare Information Systems

Proceedings of the International Consultative Workshop on Panicle Insect Pests of Sorghum and Pearl Millet.

R for Medicine and Biology

The World Federation of Societies of Intensive and Critical Care Medicine (WFSIC-CM) has reached the age of maturity. Physicians, nurses, and many others associated with the field of Intensive and Critical Care Medicine will be coming from all corners of the world to Florence, Italy in August, 2009 to celebrate the 10th quadrennial congress. Every 4 years for the last 36 years, congresses in the magnificent venues of London (1973), Paris (1977), Washington (1981), Jerusalem (1985), Kyoto (1989), Madrid (1993), Ottawa (1997), Sydney (2001), and Buenos Aires (2005) have signified an ever-developing process which has resulted in the four pillars of the field of Intensive and Critical Care Medicine, namely partnership, ethics, professionalism, and competence. The first pillar is based on a stronger interdisciplinary collaboration and a multi-professional partnership in the field of Intensive and Critical Care Medicine. In recent decades, professional activity in medicine has been regulated by well-defined, universal principles, such as the welfare of the patient, autonomy, social justice, and the patient-physician relationship. The second pillar, ethics, has offered welcomed assistance to all these principles in establishing an ethics curriculum.

Panicle Insect Pests of Sorghum and Pearl Millet

R is quickly becoming the number one choice for users in the fields of biology, medicine, and bioinformatics as their main means of storing, processing, sharing, and analyzing biomedical data. R for Medicine and Biology is a step-by-step guide

through the use of the statistical environment R, as used in a biomedical domain. Ideal for healthcare professionals, scientists, informaticists, and statistical experts, this resource will provide even the novice programmer with the tools necessary to process and analyze their data using the R environment. Introductory chapters guide readers in how to obtain, install, and become familiar with R and provide a clear introduction to the programming language using numerous worked examples. Later chapters outline how R can be used, not just for biomedical data analysis, but also as an environment for the processing, storing, reporting, and sharing of data and results. The remainder of the book explores areas of R application to common domains of biomedical informatics, including imaging, statistical analysis, data mining/modeling, pathology informatics, epidemiology, clinical trials, and metadata usage. R for Medicine and Biology will provide you with a single desk reference for the R environment and its many capabilities.

Key Issues in Organizational Communication

Let us revive the true sense of fine arts: enchantment! In the conceptualised, commercialised, artificial approach to fine arts, we forgot its authentic experiential sense. It lies at the imaginative heart of all arts there to be retrieved by the creative recipient as the very 'truth of it all'.

Molecular Pathology in Clinical Practice

Explore the evolution of organization theory in the health care sector. *Advances in Health Care Organization Theory, 2nd Edition*, introduces students in health administration to the fields of organization theory and organizational behavior and their application to the management of health care organizations. The book explores the major health care developments over the past decade and demonstrates the contribution of organization theory to a deeper understanding of the changes in the delivery system, including the historic passage of the Patient Protection and Affordable Care Act of 2010. Taking both a micro and macro view, editors Stephen S. Mick and Patrick D. Shay, collaborate with a roster of contributing experts to compile a comprehensive volume that covers the latest in organization theory. Topics include: Institutional and neo-institutional theory Patient-centered practices and organizational culture change Design and implementation of patient-centered care management teams Hospital-based clusters as new organizational structures Application of social network theory to health care

Pathology Informatics: Theory and Practice

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Conservation on Archaeological Excavations

If you've ever fumbled while trying to use a big word* (*lofty, pretentious word) to impress a crowd, you know what it's like to* (*what it is to) be poorly spoken. The fear of mispronouncing or misusing complex words is real and leaves many of us consigned to the lower levels* (*lower echelons) of the English Language. The Well-Spoken Thesaurus is your guide to eloquence, replacing the ordinary with the extraordinary.

Clinical Laboratory Manual

The ultimate guide to electronic records management, featuring a collaboration of expert practitioners including over 400 cited references documenting today's global trends, standards, and best practices. Nearly all business records created today are electronic, and are increasing in number at breathtaking rates, yet most organizations do not have the policies and technologies in place to effectively organize, search, protect, preserve, and produce these records. Authored by an internationally recognized expert on e-records in collaboration with leading subject matter experts worldwide, this authoritative text addresses the widest range of in-depth e-records topics available in a single volume. Using guidance from information governance (IG) principles, the book covers methods and best practices for everything from new e-records inventorying techniques and retention schedule development, to taxonomy design, business process improvement, managing vital records, and long term digital preservation. It goes further to include international standards and metadata considerations and then on to proven project planning, system procurement, and implementation methodologies. Managing Electronic Records is filled with current, critical information on e-records management methods, emerging best practices, and key technologies. Thoroughly introduces the fundamentals of electronic records management. Explains the use of ARMA's Generally Accepted Recordkeeping Principles (GARP®). Distills e-records best practices for email, social media, and cloud computing. Reveals the latest

techniques for e-records inventorying and retention scheduling Covers MS SharePoint governance planning for e-records including policy guidelines Demonstrates how to optimally apply business process improvement techniques Makes clear how to implement e-document security strategies and technologies Fully presents and discusses long term digital preservation strategies and standards Managing e-records is a critical area, especially for those organizations faced with increasing regulatory compliance requirements, greater litigation demands, and tightened internal governance. Timely and relevant, Managing Electronic Records reveals step-by-step guidance for organizing, managing, protecting, and preserving electronic records.

Female Sexual Predators

Molecular Genetic Pathology, Second Edition presents up-to-date material containing fundamental information relevant to the clinical practice of molecular genetic pathology. Fully updated in each area and expanded to include identification of new infectious agents (H1N1), new diagnostic biomarkers and biomarkers for targeted cancer therapy. This edition is also expanded to include the many new technologies that have become available in the past few years such as microarray (AmpliChip) and high throughput deep sequencing, which will certainly change the clinical practice of molecular genetic pathology. Part I examines the clinical aspects of molecular biology and technology, genomics.

Poharmacogenomics and proteomics, while Part II covers the clinically relevant information of medical genetics, hematology, transfusion medicine, oncology, and forensic pathology. Supplemented with many useful figures and presented in a helpful bullet-point format, Molecular Genetic Pathology, Second Edition provides a unique reference for practicing pathologists, oncologists, internists, and medical genetisists. Furthermore, a book with concise overview of the field and highlights of clinical applications will certainly help those trainees, including pathology residents, genetics residents, molecular pathology fellows, internists, hematology/oncology fellows, and medical technologists in preparing for their board examination/certification.

Emergency Relief Operations

This publication contains the texts of the papers presented at the UN Colloquium, together with a record of those presentations and of the discussions which took place around them.

E-Health Care Information Systems

Linne & Ringsrud's Clinical Laboratory Science - E-Book

Continuum Mechanics for Engineers

Projects and programmes should achieve a return on the investment made by the owner or sponsor. This return is now thought of as the benefits that accrue from the investment: some financial, others perhaps harder to define, but nonetheless just as important in justifying the investment. Making sure that they are realised, and that unanticipated benefits are maximised, is as important as the initial justification, and without that many projects have earned a bad name for project management. This publication provides comprehensive guidance on how to manage delivery of the benefits used to justify investment in change. It provides guidance for all involved in successful change delivery from senior responsible owners and directors through to portfolio, programme and project managers. The guidance is the source material for an accredited qualification from APMG-International

Making Better International Law

No Marketing Blurb

Managing Benefits

Achieving, maintaining and improving accuracy, timeliness and reliability are major challenges for health laboratories. Countries worldwide committed themselves to build national capacities for the detection of, and response to, public health events of international concern when they decided to engage in the International Health Regulations implementation process. Only sound management of quality in health laboratories will enable countries to produce test results that the international community will trust in cases of international emergency. This handbook was developed through collaboration between the WHO Lyon Office for National Epidemic Preparedness and Response, the United States of America Centers for Disease Control and Prevention (CDC) Division of Laboratory Systems, and the Clinical and Laboratory Standards Institute (CLSI). It is based on training sessions and modules provided by the CDC and WHO in more than 25 countries, and on guidelines for implementation of ISO 15189 in diagnostic laboratories, developed by CLSI. This handbook is intended to provide a comprehensive reference on Laboratory Quality Management System for all stakeholders in health laboratory processes, from management, to administration, to bench-work laboratorians. This handbook covers topics that are essential for quality management of a public health or clinical laboratory. They are based on both ISO 15189 and CLSI GP26-A3 documents. Each topic is discussed in a separate chapter. The chapters follow the framework developed by CLSI and are organized as the "12 Quality System Essentials".

Advances in Health Care Organization Theory

In the Middle Ages, rolls were ubiquitous as a writing support. While scholars have long examined the texts and images on rolls, they have rarely taken the manuscripts themselves into account. This volume readdresses this imbalance by focusing on the materiality and various usages of rolls in late medieval England and France. Researchers from England, France, Germany and Singapore demonstrate in 11 contributions how this approach can increase our understanding of the rolls and their contents, as well as the contexts in which they were produced and used.

The Roll in England and France in the Late Middle Ages

(1E 1985) Covers

Managing Electronic Records

A series of 24 papers, collected from a conference on Welsh law held at Greynog in 1993, which focus on the organisation and function of the itinerant medieval Welsh court and the ways in which governmental offices developed from household positions.

Procuring Interoperability

E-Health Care Information Systems is a comprehensive collection written by leading experts from a range of disciplines including medicine, health sciences, engineering, business information systems, general science, and computing technology. This easily followed text provides a theoretical framework with sound methodological approaches and is filled with numerous case examples. Topics include e-health records, e-public information systems, e-network and surveys, general and specific applications of e-health such as e-rehabilitation, e-medicine, e-homecare, e-diagnosis support systems, and e-health intelligence. E-Health Care Information Systems also covers strategies in e-health care technology management, e-security issues, and the impacts of e-technologies. In addition, this book reviews new and emerging technologies such as mobile health, virtual reality and nanotechnology, and harnessing the power of e-technologies for real-world applications.

The Aesthetics of Enchantment in the Fine Arts

A bestselling textbook in its first three editions, Continuum Mechanics for Engineers, Fourth Edition provides engineering students with a complete, concise, and accessible introduction to advanced engineering mechanics. It provides

information that is useful in emerging engineering areas, such as micro-mechanics and biomechanics. Through a mastery of this volume's contents and additional rigorous finite element training, readers will develop the mechanics foundation necessary to skillfully use modern, advanced design tools. Features: Provides a basic, understandable approach to the concepts, mathematics, and engineering applications of continuum mechanics Updated throughout, and adds a new chapter on plasticity Features an expanded coverage of fluids Includes numerous all new end-of-chapter problems With an abundance of worked examples and chapter problems, it carefully explains necessary mathematics and presents numerous illustrations, giving students and practicing professionals an excellent self-study guide to enhance their skills.

Guidelines for Laboratory Design

Using a discipline-by-discipline approach, Linne & Ringsrud's Clinical Laboratory Science: Concepts, Procedures, and Clinical Applications, 7th Edition provides a fundamental overview of the skills and techniques you need to work in a clinical laboratory and perform routine clinical lab tests. Coverage of basic laboratory techniques includes key topics such as safety, measurement techniques, and quality assessment. Clear, straightforward instructions simplify lab procedures, and are described in the CLSI (Clinical and Laboratory Standards Institute) format. Written by well-known CLS educator Mary Louise Turgeon, this text includes

perforated pages so you can easily detach procedure sheets and use them as a reference in the lab! Hands-on procedures guide you through the exact steps you'll perform in the lab. Review questions at the end of each chapter help you assess your understanding and identify areas requiring additional study. A broad scope makes this text an ideal introduction to clinical laboratory science at various levels, including CLS/MT, CLT/MLT, and Medical Assisting, and reflects the taxonomy levels of the CLS/MT and CLT/MLT exams. Detailed full-color illustrations show what you will see under the microscope. An Evolve companion website provides convenient online access to all of the procedures in the text, a glossary, audio glossary, and links to additional information. Case studies include critical thinking and multiple-choice questions, providing the opportunity to apply content to real-life scenarios. Learning objectives help you study more effectively and provide measurable outcomes to achieve by completing the material. Streamlined approach makes it easier to learn the most essential information on individual disciplines in clinical lab science. Experienced author, speaker, and educator Mary Lou Turgeon is well known for providing insight into the rapidly changing field of clinical laboratory science. Convenient glossary makes it easy to look up definitions without having to search through each chapter. NEW! Procedure worksheets have been added to most chapters; perforated pages make it easy for students to remove for use in the lab and for assignment of review questions as homework. NEW! Instrumentation updates show new technology being used in the lab. NEW! Additional key terms in each chapter cover need-to-know terminology. NEW! Additional tables and figures

in each chapter clarify clinical lab science concepts.

Health Informatics: Practical Guide for Healthcare and Information Technology Professionals (Sixth Edition)

Health Informatics (HI) focuses on the application of Information Technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references.

The Well-Spoken Thesaurus

Here is, for the first time, a book that clearly explains and applies new level set methods to problems and applications in computer vision, graphics, and imaging. It is an essential compilation of survey chapters from the leading researchers in the field. The applications of the methods are emphasized.

Molecular Genetic Pathology

Now a major motion picture nominated for nine Academy Awards. Narrative of

Solomon Northup, a Citizen of New-York, Kidnapped in Washington City in 1841, and Rescued in 1853. Twelve Years a Slave by Solomon Northup is a memoir of a black man who was born free in New York state but kidnapped, sold into slavery and kept in bondage for 12 years in Louisiana before the American Civil War. He provided details of slave markets in Washington, DC, as well as describing at length cotton cultivation on major plantations in Louisiana.

Practical Pathology Informatics

This unprecedented look at female sexual predators explains why and how they prey on our children and youths and what adults—and children and youths themselves—should understand to prevent victimization. * Interviews with victims of female sexual predators and with females convicted of sexual offenses * The most recent research on female sexual predators and their increasing incidence in the United States and other nations * Features international studies on the crimes females commit against children and youths, providing the reader with a crosscultural view of female sexual offenders

Organization and Members

Realizing the promise of technology depends on sharing information across time

and space. The barrier to progress is not technical; it is the failure of organizational demand to drive purchasing requirements. Better procurement practices, supported by interoperable platforms, will allow for better, safer patient care and financial savings.

The Welsh King and His Court

Pathology Informatics: Theory & Practice is the first multi-authored, current and comprehensive compendium of the diverse and rapidly expanding field of pathology informatics. It includes all of the critical and practical advice for management, operations, budgeting, and project planning and will serve as a comprehensive review of the field for students, pathologists, and laboratory professionals. This book deals with the role of computing hardware, software and databases involved in the efficient information management for pathology practice, as well as the fundamental science of informatics that is so deeply embedded in this subspecialty. The text builds from basic principles of computer theory to more sophisticated informatics concepts. Databases and data mining; networks and workstations; system interfaces and interoperability. Bioinformatics, imaging informatics, clinical informatics, and public health informatics. Automation and middleware that facilitate complex workflows encountered in both anatomic and clinical pathology practice. Molecular testing and point of care solutions. Coding and nomenclature. Standards in Laboratory Information Systems (LIS) and

imaging systems. Project management and business skills. Pathology reporting. Electronic medical records. Specimen tracking and identification. Error reduction and quality management. Training and education in pathology informatics.

Report and Query Creation Using Cerner's DVDev, CCL and Layout Builder

This authoritative textbook offers in-depth coverage of all aspects of molecular pathology practice and embodies the current standard in molecular testing. Since the successful first edition, new sections have been added on pharmacogenetics and genomics, while other sections have been revised and updated to reflect the rapid advances in the field. The result is a superb reference that encompasses molecular biology basics, genetics, inherited cancers, solid tumors, neoplastic hematopathology, infectious diseases, identity testing, HLA typing, laboratory management, genomics and proteomics. Throughout the text, emphasis is placed on the molecular variations being detected, the clinical usefulness of the tests and important clinical and laboratory issues. The second edition of Molecular Pathology in Clinical Practice will be an invaluable source of information for all practicing molecular pathologists and will also be of utility for other pathologists, clinical colleagues and trainees.

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