Facility Planning Design For Health Physical Activity Recreation And Sport

Planning, Design, and Construction of Health Care Facilities, Second Edition, an updated version of a Joint Commission Resources best seller, is a comprehensive guide for health care organizations around the world that are looking to build new facilities - or update their current structures - in compliance with Joint Commission, Joint Commission International, and other recognized standards of health care design excellence. A wealth of strategies, tools, and real-world experiences of organizations around the globe supply the reader with the building blocks they need for success with their new facility or existing structure. Planning, Design, and Construction of Health Care Facilities, Second Edition assesses the challenges, compliance issues, and the need for a holistic approach to the design and function of health care facilities; and this new edition, readers receive valuable online resources in support of the printed material, including customizable tools they can use immediately in their organization.

This book is a one-stop resource on all the critical aspects of planning and designing hospitals, one of the most complex healthcare projects to undertake. A well-planned and designed hospital should control infection rate, provide safety to patients, caregivers and visitors, help improve patients' recovery and have scope for future expansion and change. Reinforcing these basic principles, guidance on such effective planning and designing is the key focus. Readers are offered insights into eliminating shortcomings at every stage of setting up a hospital which may not be feasible to rectify later on through alterations. Chapters from 1 to 12 of the book provide exhaustive notes on initial planning, such as detailed project reports, feasibility studies, and area calculation. Chapters 13 to 27 include designing and layout of all the essential departments/units such as OPD, emergency, intermediate care, diagnostics, operating rooms, and intensive care units. Chapters 28 to 37 cover designing support services like sterilization department, pharmacy, medical gas pipeline, kitchen, laundry, medical record, and mortuary. Chapters 38 to 48 take the readers through planning other services like air-conditioning and ventilation, fire safety, extra low voltage, mechanical, electrical, and plumbing services. Chapter 49 is for the planning of medical equipment. A particular chapter on "Green" hospital designing is included. This book is a single essential tabletop reference for hospital consultants, medical and hospital administrators, hospital designers, architecture students, and hospital promoters.

Design That Cares: Planning Health Facilities for Patients and Visitors, 3rd Edition is the award-winning, essential textbook and guide for understanding and achieving customer-focused, evidence-based health care design excellence. This updated third edition includes new information about how all aspects of health facility design - site planning, architecture, interiors, product design, graphic design, and others - can meet the needs and reflect the preferences of customers: patients, family and visitors, as well as staff. The book takes readers on a journey through a typical health facility and discusses, in detail, at each stop along the way, how design can demonstrate care both for and about patients and visitors. Design that Cares provides the definitive roadmap to improving customer experience by design.

Information Usage in Health Facility Planning and Design

Guidelines for Design and Construction of Residential Health, Care, and Support Facilities

Intersections

Environment of Care Risk Assessment

Lean-Led Hospital Design

A Comprehensive Guide to Design, Equipment, and Clinical Procedures

This collection of essays by leading scholars and practitioners addresses a timely and essential question: How can we design, plan, and sustain built environments that will foster health and healing? With a salutogenic (health-promoting) focus, Healthy Environments, Healing Spaces addresses a range of contemporary issues, including health equity, biophilic cities, healthcare facility design, environmental health, aging in place, and food systems planning. Contributors: Ellen Bassett ● Timothy Beatley ● Emily Chmielewski ● Jason Corburn ● Tanya Denckla Cobb ● Tye Farrow ● Ann Forsyth ● Howard Frumkin ● Judith H. Heerwagen ● J. David Hoglund ● Carla Jones ● Andrew Mondschein ● Christina Mullen ● Reuben Rainey ● Samina Raja ● Jennifer Whittaker

A state-of-the-art blueprint for architects, planners, and hospital administrators, Hospital and Healthcare Facility Design provides innovative ideas and concrete guidelines for planning and designing facilities for the rapidly changing healthcare system.

Originally published in 1946 as the "Guide for Planning Facilities for Athletics, Recreation, Physical & Health Education", this book has become a cornerstone resource for facility designers, users, and managers. With cost of construction for sports- and health-related facilities skyrocketing, new technology, and changes in construction methods, this is an essential resource for all professionals involved in facility planning and construction.

Creating the Efficient Hospital of the Future

Hospital and Healthcare Facility Design

Healthcare Design

Planning, Design, and Construction of Health Care Facilities

MASS Design Group

Practices and Directions in Health, Planning, and Design

"Campus Recreational Sports Facilities" covers the entire process of building a facility, from initial planning through design, construction, and move-in. Recreational sport directors, architects, and other experts provide construction options and share industry standards, guidelines, procedures, and more to help you navigate this complex process.

DESIGN and PLANNING of Research and Clinical LABORATORYFACILITIES In this primer/professional reference, Leonard Mayer demystifiesone of the most complex architectural specialties. An architectwith more than thirty-three years' experience as a master plannerand programmer of laboratories and clinical facilities, Mr. Mayeroffers a comprehensive overview of the fundamental issues relatedto laboratory planning and design. He also provides designers witha clear and rational framework through which to approach thishighly challenging and rewarding design specialty. A superblearning tool for students and professionals just getting startedin lab design and a valuable one-volume reference for theexperienced professional, Design and Planning of Research andClinical Laboratory Facilities features: * Step-by-step guidance through the complex maze of codes,specifications, standards, and official guidelines, relating to theplanning, design, and construction processes * New and updated design criteria based on the most recent laws andregulations * Master plans, facility programs, functional programs andrequirements programs for a wide variety of scientific and medicaldisciplines and support facilities * Comprehensive lists of relevant codes, regulations, standards,guidelines, and important architectural, structural, mechanical,electrical, and plumbing criteria Research and clinical laboratory facilities are, perhaps, the mostcomplex structures to plan and design. Intimidated by a vast andseemingly impenetrable body of codes, regulations, and designcriteria pertaining to lab design and construction, manyarchitects, unfortunately, choose to avoid what can be one of themost profitable and professionally rewarding areas ofspecialization. Written by an architect with more than thirty-three years ofexperience as a master planner and programmer of laboratories andclinical facilities, this book demystifies the process oflaboratory planning and design. It provides a comprehensiveoverview of the fundamental issues related to laboratory design andoffers readers detailed, step-by-step guidance through the complexmaze of design specifications and codes, standards, and officialguidelines that must be addressed during the programming, planning,design, and construction process. Focusing mainly on laboratory programming, planning, and designcriteria for "wet" laboratory environments, Leonard Mayer providesexamples from numerous master plans, facility programs, functionalprograms and requirements programs applicable to a wide variety ofscientific and medical disciplines, and related facilities. Relatedfunctions and activities include administrative offices, computercenters, core service and support, building services facilities,and more. He presents new and updated design criteria based onrecent laws and regulations and supplies readers with comprehensivelists of relevant codes, regulations, standards, guidelines, andarchitectural, structural, mechanical, electrical, and plumbingcriteria. Design and Planning of Research and Clinical Laboratory Facilitiesis an excellent primer for architecture students and newcomers tothe field, as well as an indispensable single-volume reference forexperienced professionals. It is also an invaluable resource forresearchers and investigators, facility planners and managers,plant engineers, and all others involved with the design,construction, maintenance, and administration of laboratoryfacilities.

A new paradigm in facility management A unique, just-in-time resource from profession leader Eric Teicholz, Facility Design and Management Handbook empowers you to make your facility state of the art. Packed with tips from U.S. and international case studies from government, health care, retail, finance, manufacturing, and academia, this guide gives you access to the productivity tools, technologies, and stratagems that have revolutionized the field in the last five years, helping you to: Find the best, most cost-effective solutions for issues from “greenness” and sustainability to disaster recovery and technology integration Use new tools for space and asset allocation, project management, process coordination, and systems integration Improve accuracy in financial forecasting, budgeting, architectural and interior design planning, and market research Create cost-effective “smart” buildings with state-of-the art security, energy management, lighting strategies, and maintenance efficiency Discover innovative solutions for human resources needs Integrate the Internet into your management program Automate nearly all your tasks for major productivity gains Apply benchmarking standards and other measurements that demonstrate and assure facility management productivity Accompanying time-saving, efficiency-boosting CD-ROM is loaded with sample documents—from budgets, schedules, plans to cost-benefit analyses, checklists, forms and audits; standards for communications and database, integration, building and construction, CAD conventions; Web links and other resources.

Planning guide for maintaining school facilities

Thinking Strategically

Guidelines for Design and Construction of Hospitals and Outpatient Facilities 2014

Planning Health Facilities for Patients and Visitors

The State of the Art

Addressing Joint Commission and JCI Standards and Other Considerations--from Planning to Commissioning

Standards to guide the design and construction of nursing homes, assisted living facilities, independent living settings, and related outbased service facilities, including adult day care

Green Healthcare Institutions : Health, Environment, and Economics, Workshop Summary is based on the ninth workshop in a series of workshops sponsored by the Roundtable on Environmental Health Sciences, Research, and Medicine since the roundtable began meeting in 1998. When choosing workshops and activities, the roundtable looks for areas of mutual concern and also areas that need further research to develop a strong environmental science background. This workshop focused on the environmental and health impacts related to the design, construction, and operations of healthcare facilities, which are part of one of the largest service industries in the United States. Healthcare institutions are major employers with a considerable role in the community, and it is important to analyze this significant industry. The environment of healthcare facilities is unique; it has multiple stakeholders on both sides, as the givers and the receivers of care. In order to provide optimal care, more research is needed to determine the impacts of the built environment on human health. The scientific evidence for embarking on a green building agenda is not complete, and at present, scientists have limited information. Green Healthcare Institutions : Health, Environment, and Economics, Workshop Summary captures the discussions and presentations by the speakers and participants; they identified the areas in which additional research is needed, the processes by which change can occur, and the gaps in knowledge.

THE UPDATED DEFINITIVE REFERENCE ON MEDICAL AND DENTAL OFFICE DESIGN Medical and Dental Space Planning is an indispensable guide to the myriad of details that make a medical or dental practice efficient and productive. The unique needs of more than thirty specialties, as well as primary care, are explained in the context of new technology and the many regulatory and compliance issues influencing design. Concepts are also presented for ambulatory surgical centers, diagnostic imaging, clinical laboratories, breast care clinics, endoscopy centers, community health centers, radiation oncology, and single-specialty and multispecialty group practices and clinics. A thorough review of the latest dental technology and many creative space plans and design ideas for each dental specialty will be of interest to both dentists and design professionals. Important topics like infection control are top of mind, influencing every aspect of dental office design. An "inside look" at what goes on in each specialist's office will familiarize readers with medical and dental procedures, how they are executed, and the types of equipment used. Technology has radically impacted medical and dental practice: digital radiography, electronic health records, mobile health devices, point-of-care diagnostic testing, digital diagnostic instrumentation, CAD/CAM systems for digital dental impressions and milling of restorations in the dentist's office, portable handheld X-ray, and 3D cone beam computed tomography for dentists all have major implications for facility design. The influence of the Affordable Care Act is transforming primary care from volume-based to value-based, which has an impact on the design of facilities, resulting in team collaboration spaces, larger consultative examination/assessment rooms, and accommodation for multidisciplinary practitioners who proactively manage patient care, often in a patient-centered medical home context. The wealth of information in this book is organized to make it easy to use and practical. Program tables accompany each medical and dental specialty to help the designer compute the number and sizes of required rooms and total square footage for each practice. This handy reference can be used during interviews for a "reality check" on a client's program or during space planning. Other features, for example, help untangle the web of compliance and code issues governing office-based surgery. Illustrated with more than 600 photographs and drawings, Medical and Dental Space Planning is an essential tool for interior designers and architects as well as dentists, physicians, and practice management consultants.

Health and the Built Environment

Facility Planning, Design, and Construction of Rural Health Centers

Facility Design and Management Handbook

Planning, Design, and Construction Guidelines

Manual of Hospital Planning and Designing

A Lean, Innovative, and Evidence-Based Approach

Infection Prevention and Control in Healthcare, Part I: Facility Planning, An Issue of Infectious Disease Clinics of North America, E-Book

“Spending millions of dollars to renovate, reconfigure, expand, or replace a facility can be intimidating without the right direction. Healthcare Facility Planning: Thinking Strategically is a practical guide that will help you move confidently from planning to implementation. This book's focus is on predesign planning-- a stage in the healthcare facility planning, design, and construction process. Healthcare executives have the greatest opportunity to express a vision for their organization’s future during predesign planning, and decisions made during this stage have the greatest impact on long term operational costs and future flexibility. Careful predesign planning allows an organization to rethink its current patient care delivery model, operational systems and processes, and use of technology to ensure that a facility substantially benefits patients, caregivers, and payers. This new edition addresses current issues—such as new financial incentives, fluctuating utilization and demand, constant pressure for technology adoption and deployment, rising turf wars among specialists, intense focus on patient safety, and aging physical plants--that affect the way facilities are used, planned, financed, and built.”--Back cover.

Based on world-wide public health data, this report lays out the premise for building healthy places and illuminates the role of the real estate and development community in addressing public health issues. This is an essential resource for public officials, real estate developers, engineers, consultants, and students of urban planning.

Design That Cares

Infection Prevention and Control in Healthcare, Part I: Facility Planning, An Issue of Infectious Disease Clinics of North America

Construction Management of Healthcare Projects

Planning and Designing Healthcare Facilities

Building for Well-Being

Healthcare Facility Planning

This product of the Facility Guidelines Institute (FGI) provides minimum standards for design and construction of hospitals and outpatient facilities. The standards for long- term care facilities will appear in a new document for 2014; please see the entry for Guidelines for Design and Construction of Residential Health, Care, and Support Facilities. Included in the Guidelines for Hospitals and Outpatient Facilities is information on the planning, design, construction, and commissioning process and facility requirements for both hospitals and outpatient facilities. Included are general hospitals, psychiatric hospitals, and rehabilitation facilities as well as new chapters on children's and critical access hospitals. Outpatient facilities covered include primary care facilities; outpatient surgery facilities; birth centers; urgent care centers; mobile units; outpatient psychiatric and rehabilitation centers; facilities for endoscopy, dialysis, and cancer treatment; and a new chapter on dental facilities. In addition, the 2014 Guidelines includes new material on safety risk assessments and medication safety zones; increased requirements for commissioning infrastructure systems; and updated requirements for surgery, imaging, endoscopy, and dialysis facilities as well as primary care facilities and freestanding emergency facilities.

Building for Well-Being is the first introduction to health-focused building standards for design and construction professionals. More than a summary of the state of the field, this practical resource guides designers, builders, developers, and owners through considerations for incorporating WELL®, Fitwel®, and other systems from the planning phase to ground-breaking and beyond. Side-by-side comparisons of established and emerging health-focused standards empower building professionals to select the most appropriate certifications for their projects. Drawing on the authors’ backgrounds in sustainable design and public health, chapters on the evolution of the green building movement and the relationship between health and the built environment provide vital context for understanding health-focused standards and certifications. The final chapter looks toward the future of health and the built environment.

Research institutions have or are planning to build, expand and renovate animal research facilities to keep up with the demands of biomedical research caused in part by growth in the use of genetically altered rodents and the upsurge of research in infectious diseases. Properly designed facilities greatly facilitate effective management and high-quality day-to-day animal care that is required to optimally support animal research and testing. There are multiple solutions to address the myriad of factors that influence the design and construction of animal research facilities. There is no “best design applicable for all facilities and arguably not even a single “best design for a given facility. For this reason, Planning and Designing Research Animal Facilities is not intended to be a “how to book. The goal is to cover the basic programmatic requirements of animal research facilities, provide ideas for meeting those requirements while, hopefully, stimulating the creative process in which designers in consultation with those who work in animal research facilities generate even better ideas. That is how progress has been made and will continue to be made. Facilitates communication between the parties involved in planning and designing animal facilities by providing contemporary information, and stimulating creativity that will help lead to wise decisions and advance the knowledge base for planning, design and constructing animal research facilities

Medical and Dental Space Planning

Mathematical Optimization Techniques and Engineering Applications

Facilities Planning And Design - An Introduction For Facility Planners, Facility Project Managers And Facility Managers

Emergency Department Design

Health, Environment, and Economics: Workshop Summary

Planning and Designing Research Animal Facilities

Comprehensive coverage of healthcare design fundamentals--from the field's top professionals Healthcare Design examines all of the basic elements necessary to create physical environments that enhance the quality of healthcare delivery. Written by practicing professionals, educators, and other experts in the field, this book is an essential cornerstone for anyone building a career in healthcare design. Combining important concepts with practical guidance, this definitive resource: * Covers planning, designing, and furnishing of cost-effective, efficient facilities that serve patient needs * Contains product specification information for a range of design components--from floorcoverings and ceilings to furniture, lighting, textiles, and more * Addresses current topics such as wayfinding, green design, healing art, and therapeutic effects of landscape architecture * Features a wide selection of photographs, including an eight page full-color insert As massive changes in healthcare financing and delivery sweep the industry, the question of how to create facilities that address market considerations, satisfy government regulations, and accommodate patient needs is setting the agenda for today's healthcare design professionals. Healthcare Design is the first comprehensive source of the basic information and resources necessary to plan, design, and furnish efficient physical environments that facilitate quality healthcare delivery. Written for architects, designers, and planners who are new to this growing field, the book presents key contributions from leading experts within an overall framework based on the healthcare design certificate program offered by New York University. Practical ideas are provided for every stage of the design process--from site visits and programming to design implementation and evaluation. You'll also find extensive product guidance and coverage of new trends such as green design and therapeutic effects of landscape architecture. The photographs that accompany the text--many in color--vividly illustrate the design concepts while showcasing the work of some of the best professionals in the business. Well-organized and clearly written, Healthcare Design is a valuable reference for anyone taking on the exciting design challenges in healthcare today.

The first monograph of MASS Design Group, the internationally lauded firm creating some of the most powerful and humane works of architecture today. Founded in 2008, MASS Design Group collaborated with Partners In Health and the Rwanda Ministry of Health to design and build the Butaro District Hospital in Rwanda, a masterwork of architecture that also uniquely serves a community in need. Since then, MASS has grown into a dynamic collaborative of architects, planners, engineers, filmmakers, researchers, and public health professionals working in more than a dozen countries in the fields of design, research, policy, education, and strategic planning. Amid ongoing recognition (the 2018 American Academy of Arts and Letters Award in Architecture, the 2017 Cooper Hewitt National Design Award in Architecture), MASS's most recent project, the National Memorial for Peace and Justice in Montgomery, Alabama, has been featured in more than 400 publications, including the New York Times, the New Yorker, and the Washington Post. Mark Lamster of Dallas Morning News called the memorial "the single greatest work of American architecture of the twenty-first century." Justice Is Beauty highlights MASS's first decade of designing, researching, and advocating for an architecture of justice and human dignity. With more than thirty projects built or under construction and some 200,000 people served, MASS has pioneered an immersive approach in the practice of architecture that provides the infrastructure, buildings, and physical systems necessary for growth, dignity, and well-being, while always engaging local communities with attention to the specifics of cultural context and social needs.

A complete, practical guide to managing healthcare facility construction projects Filled with best practices and the latest industry trends, Construction Management of Healthcare Projects describes the unique construction requirements of hospitals, including building components, specialized functions, codes, and regulations. Detailed case studies offer invaluable insight into the real-world application of the concepts presented. This authoritative resource provides in-depth information on how to safely and successfully deliver high-quality healthcare construction projects on time and within budget. Coverage includes: Regulations and codes impacting hospitals Planning and predesign Project budgeting Business planning and pro formas Healthcare project financing Traditional delivery methods for healthcare projects Modern project delivery methods and alternate approaches The challenges of additions and renovations Mechanical and electrical systems in hospitals Medical technology and information systems Safety and infection control Commissioning of healthcare projects Occupying the project The future of healthcare construction

Addressing Joint Commission and JCI Standards and Other Considerations -- from Planning to Commissioning

Healthy Environments, Healing Spaces

For Medical Administrators, Architects and Planners

Campus Recreational Sports Facilities

Introduction to Planning, Design and Construction of Health Care Facilities

Exploring Health-Focused Rating Systems for Design and Construction Professionals

This book focuses on the ten essentials of facilities planning and design. It covers topics such as strategic planning, space standards, architectural programming, site selection, master planning, environmental planning, capital planning, workplace planning and design, and space management. Examples will be drawn from the planning and design of airports and universities which are large organisations with extensive campuses and are asset heavy in terms of buildings.By learning about the planning and design processes as it relates to facilities, students and facility professionals will be able to align facilities planning and design with the organisation's strategic priorities, manage design consultants by understanding the planning and design process, manage the planning and design of spaces at different scales, and manage the use of existing space effectively.The book is designed such that its chapters may be read either sequentially or as individual standalone references or resources for specific aspects of facility planning, management and design.

This book presents a structured approach to develop mathematical optimization formulations for several variants of facility layout. The range of layout problems covered includes row layouts, floor layouts, multi-floor layouts, and dynamic layouts. The optimization techniques used to formulate the problems are primarily mixed-integer linear programming, second-order conic programming, and semidefinite programming. The book also covers important practical considerations for solving the formulations. The breadth of approaches presented help the reader to learn how to formulate a variety of problems using mathematical optimization techniques. The book also illustrates the use of layout formulations in selected engineering applications, including manufacturing, building design, automotive, and hospital layout.

"A health care facility's new or improved design establishes the basis for safe and effective care within that structure. Designing and executing a construction or renovation project requires resources, education, communication, and collaboration throughout the process. When patient and worker safety are at risk, the stakes for a successful project are even higher. This third edition of Planning, Design, and Construction of Health Care Facilities--developed in conjunction with the American Institute of Architects Academy of Architecture for Health (AIA-AAH)--presents a comprehensive guide for health care organizations around the world looking to build new facilities or update current structures"--Back cover.

Health Facility Planning and Design

Facility Layout

International Conference and Exhibition on Health Facility Planning, Design and Construction, Phoenix, AZ, March 10-12, 2003

The Design of Medical and Dental Facilities

A Practical Guide to Planning for the Future

Justice Is Beauty

The planning and design of healthcare facilities has evolved over the previous decades from "function follows design" to "design follows function." Facilities stressed the functions of healthcare providers but patient experience was not fully considered. The design process has now crucially evolved, and currently, the impression a hospital conveys to its patients and community is the primary concern. The facilities must be welcoming, comfortable, and exude a commitment to patient well-being. Rapid changes and burgeoning technologies are now major considerations in facility design. Without flexibility, hospitals face quicker obsolescence if designs are not forward-thinking. Planning and Designing Healthcare Facilities: A Lean, Innovative, and Evidence-Based Approach explores recent developments in hospital design. Medical facilities have been adapted to the requirements of clinical functions. Recently, the needs of patients and clinical pathways have been recognized. With the patient at the center of the process, the flow of tasks becomes the guiding principle as hospital design must employ evidence-based thinking, and process management methods such as Lean become central. The authors explain new concepts to reduce healthcare delivery cost, but keep quality the primary consideration. Concepts such as sustainability (i.e., Green Hospitals) and the use of new tools and technologies, such as information and communication technology (ICT), Lean, and evidence-based planning and innovations are fully explained.

A guide to facility planning, design, and construction (PDC) for architects new to health care and health care facility administrators and trustees new to the PDC process. From recognition of a facility's need for new construction or renovation through postoccupancy evaluation, the book addresses the PDC process for facilities that must be licensed, certified, or accredited-hospitals, nursing and hospice facilities, and ambulatory care centers.

Instead of building new hospitals that import old systems and problems, the time has come to reexamine many of our ideas about what a hospital should be. Can a building foster continuous improvement? How can we design it to be flexible and useful well into the future? How can we do more with less? Winner of a 2013 Shingo Prize for Operational Excellence! Answering these questions and more, Lean-Led Hospital Design: Creating the Efficient Hospital of the Future explains how hospitals can be built to increase patient safety and reduce wait times while eliminating waste, lowering costs, and easing some of healthcare’s most persistent problems. It supplies a simplified timeline of architectural planning—from start to finish—to guide readers through the various stages of the Lean design development philosophy, including Lean architectural design and Lean work design. It includes examples from several real healthcare facility design and construction projects, as well as interviews with hospital leaders and architects. Check out a video of the authors discussing their book, Lean-Led Hospital Design at the 2012 Med Assets Healthcare Business Summit. www.modernhealthcare.com/section/LiveatHBS

Design and Planning of Research and Clinical Laboratory Facilities

Green Healthcare Institutions

Facility Planning and Design for Health, Physical Activity, Recreation, and Sport

A new book from ACEP that will help you participate effectively-or lead the way-in the successful design of your emergency department. Emergency Department Design will teach you the design and planning process so that you and other caregivers can make decisions about what's best for your department. Whether you're building a new department, remodeling an existing one, expanding, or simply adding a new service, the critical decisions you'll make must be based on an understanding of the design process. Time and time again, the best results are achieved when caregivers drive this process, working with design professionals to plan not just for today's patients, but also for those of the future. Read this book and learn how to: Assess your space needs Set physical design goals that meet operational outcomes Define the scope of your project Select a design professional Evaluate the "workability" of proposed design solutions ...and much more. You'll minimize the complexity of the challenge, reduce wasted time, and focus on creating a design that fulfills your vision of how emergency care should be provided. The author is Jon Huddy, AIA, with FreemanWhite, Inc., a nationally renowned architectural firm specializing in emergency department design. Mr. Huddy brings a passion for emergency department design, a commitment to include caregivers in the design process, and an entertaining, energetic presentation style to this book. Michael T. Rapp, MD, JD, FACEP, past president of ACEP, served as editor and contributed his insights in a special introductory chapter, "The Emergency Physician's Perspective." Plus, more than 20 other emergency care professionals and architects have contributed case studies and "pearls and pitfalls" from their own personal experiences with emergency department design projects.

In a health care environment, risks abound. This must-have book provides organizations with the tools and know-how to conduct effective assessments of potential risks and take steps to minimize them. Whether the risk issue is infant and pediatric abduction, infection control during construction, fire safety, or potential disaster emergencies, Environment of Carer Risk Assessment guides organizations through a basic risk assessment process and suggests potential high-profile, high-risk areas for consideration. It shows how to use existing standards tools such as the Periodic Performance Review, Interim Life Safety Measures, the hazard vulnerability analysis, and more. And, it provides case studies, examples, and worksheets for assessing and minimizing risk and includes a CD-ROM with interactive risk assessment forms. Performing risk assessments can help organizations avoid OSHA fines, accreditation noncompliance, and more. But the bottom line is that by performing prudent and timely risk assessments, organizations can help ensure patient, staff, and visitor safety.