Emergency physicians assess and manage a wide variety of problems from patients presenting with a diversity of severities, ranging from mild to severe and life-threatening. They are expected to maintain their competency and expertise in areas where there is rapid knowledge change. Evidence-based Emergency Medicine is the first book of its kind in emergency medicine to tackle the problems practicing physicians encounter in the emergency setting using an evidence-based approach. It summarizes the published evidence available for the diagnosis and treatment of common emergency health care problems in adults. Each chapter contextualizes a topic area using a clinical vignette and generates a series of key clinically important diagnostic and treatment questions. By completing detailed reviews of diagnostic and treatment research, using evidence from systematic reviews, RCTs, and prospective observational studies, the authors provide conclusions and practical recommendations. Focusing primarily on diagnosis in areas where evidence for treatment is well accepted (e.g. DVTs), and treatment in other diseases where diagnosis is not complex (e.g. asthma), this text is written by leading emergency physicians at the forefront of evidence-based medicine. Evidence-based Emergency Medicine is ideal for emergency physicians and trainees, emergency department staff, and family physicians specialising in the acute care of medical and injured patients.

With each edition, ACCCN's Critical Care Nursing has built on its highly respected reputation. Its contributors aim to encourage and challenge practising critical care nurses and students to develop world-class critical care nursing skills in order to ensure delivery of the highest quality care. Endorsed by the Australian College of Critical Care Nurses (ACCCN), this 3rd edition presents the expertise of foremost critical care leaders and features the most recent evidence-based research and up-to-date advances in clinical practice, technology, procedures and standards. Expanded to reflect the universal core elements of critical care nursing practice authors, Aitken, Marshall and Chaboyer, have retained the specific information that captures the unique elements of contemporary critical care nursing in Australia, New Zealand and other similar practice environments. Structured in three sections, ACCCN's Critical Care Nursing, 3rd Edition addresses all aspects of critical care nursing, including patient care and organisational issues, while highlighting some of the unique and complex aspects of specialty critical care nursing practice, such as paediatric considerations, trauma management and organ donation. Presented in three sections: - Scope of Critical Care - Principles and Practice of Critical Care - Speciality Practice Focus on concepts that underpin practice - essential physical,
psychological, social and cultural care. New case studies elaborate on relevant care topics. Research vignettes explore a range of topics. Practice tips highlight areas of care particularly relevant to daily clinical practice. Learning activities support knowledge, reflective learning and understanding. Additional case studies with answers available on evolve. New chapter on Postanaesthesia recovery. Revised coverage of metabolic and nutritional considerations for the critically ill patient. Aligned with the new ACCCN Standards for Practice.

Endorsed by the Australian College of Critical Care Nurses (ACCCN). ACCCN is the peak professional organisation representing critical care nurses in Australia. Written by leading critical care nursing clinicians, Leanne Aitken, Andrea Marshall and Wendy Chaboyer, the 4th edition of Critical Care Nursing continues to encourage and challenge critical care nurses and students to develop world-class practice and ensure the delivery of the highest quality care. The text addresses all aspects of critical care nursing and is divided into three sections: scope of practice, core components and specialty practice, providing the most recent research, data, procedures and guidelines from expert local and international critical care nursing academics and clinicians. A strong focus on critical care nursing practice within Australia and New Zealand, the 4th edition brings a stronger emphasis on international practice and expertise to ensure students and clinicians have access to the most contemporary practice insights from around the world. Increased emphasis on practice tips to help nurses care for patients within critical care. Updated case studies, research vignettes and learning activities to support further learning. Highlights the role of the critical care nurse within a multidisciplinary environment and how they work together. Increased global considerations relevant to international context of critical care nursing alongside its key focus within the ANZ context. Aligned to update NMBA RN Standards for Practice and NSQHS Standards.

This authoritative reference equips you with the essential knowledge to provide comprehensive and effective care to children in an emergency setting. From age-specific diagnoses and chief complaints through developmental considerations and psychosocial issues, this text guides you through the full range of medical and surgical conditions commonly encountered when treating pediatric emergencies. The use of full color throughout, diagnostic algorithms, text boxes, charts, clinical pearls and pitfalls, and other visual features ensure the book will make crucial clinical information easy to find and apply. Tap into expert guidance on all aspects of pediatric emergency medicine, from the physical exam and usual and unusual presentations through to disposition criteria and transfer issues. Access step-by-step guidance on administering critical life support interventions and providing effective diagnostic and therapeutic ambulatory care. Quickly review specific treatment protocols for various emergency settings, including general emergency departments, community hospitals, tertiary care centers, EMS and transport, and triage. Find information fast with or without a known diagnosis, with content organized both by chief complaints and by specific diagnoses. Better understand how problems present differently in infants, children, and adolescents with age-specific diagnoses. Identify and manage the psychosocial issues surrounding pediatric patients, including major depression and suicidality, sexual and physical abuse, child neglect, and violence. Easily absorb key information with the aid of text boxes, algorithms, clinical pearls, and pitfalls. Retrieve information easily with a consistent templated format.

This book constitutes the proceedings of the 19th International Symposium on Intelligent Data Analysis, IDA 2021, which was planned to take place in Porto, Portugal. Due to the COVID-19 pandemic the conference was held online during April 26-28, 2021. The 35 papers included in this book were carefully reviewed and selected from 113 submissions. The papers were organized in topical sections named: modeling with neural networks; modeling with statistical learning; modeling language and graphs; and modeling special data formats.

Risk management is an interdisciplinary discipline that involves several aspects. It is absolutely necessary to make sure we manage risks in order to minimize their threats and maximize their potential. This book tries to investigate the complexity that characterizes risk management. It contains original research and application chapters from different perspectives and covers different areas such as human aspects, emergency management, cognitive factors, software engineering, and marketing. The idea of the book is to expand the reader's consciousness to deal with problems regarding risk management.
The Manchester Triage System (MTS) is the most widely used triage system in the UK, Europe and Australia, with tens of millions of patients being processed through hospital emergency departments. It is also used in hospitals throughout Brazil. Emergency Triage is the core text for the MTS, which utilises a risk averse system of prioritisation for patients in all unscheduled care settings. As such, it is an essential text for all emergency department staff using the MTS, in particular triage nurses. The book is both a training tool and a reference for daily use in the Emergency Department and prehospital settings. This edition features revised protocols that reflect new approaches to prioritisation, with accompanying revised flowcharts - the core part of the book.

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1: Introduction
2: The decision-making process and triage
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5: Patient management, triage and the triage nurse
6: Auditing the triage process
7: Telephone triage
8: Beyond prioritisation to other applications

Artificial Intelligence in Precision Health: From Concept to Applications provides a readily available resource to understand artificial intelligence and its real time applications in precision medicine in practice. Written by experts from different countries and with diverse background, the content encompasses accessible knowledge easily understandable for non-specialists in computer sciences. The book discusses topics such as cognitive computing and emotional intelligence, big data analysis, clinical decision support systems, deep learning, personal omics, digital health, predictive models, prediction of epidemics, drug discovery, precision nutrition and fitness. Additionally, there is a section dedicated to discuss and analyze AI products related to precision healthcare already available. This book is a valuable resource for clinicians, healthcare workers, and researchers from diverse areas of biomedical field who may or may not have computational background and want to learn more about the innovative field of artificial intelligence for precision health. Provides computational approaches used in artificial intelligence easily understandable for non-computer specialists. Gives know-how and real successful cases of artificial intelligence approaches in predictive models, modeling disease physiology, and public health surveillance. Discusses the applicability of AI on multiple areas, such as drug discovery, clinical trials, radiology, surgery, patient care and clinical decision support.

Thoroughly revised and featuring a more efficient and streamlined design, the new 7th edition of Sheehy's trusted emergency care resource offers complete, up-to-date coverage of the essentials emergency nurses need to know. Each condition commonly seen in the emergency setting is thoroughly addressed, from signs and symptoms, to diagnosis, treatment, developmental considerations, patient education, and more. Updated material and easy-to-reference contents make this resource a must-have for current practice. Comprehensive content presents thorough discussion of signs and symptoms, diagnosis, treatment, age/developmental considerations, and patient/family education for each condition. Authorship from the Emergency Nurses Association ensures this book contains the best practices in emergency nursing. Quick-reference format uses a consistent layout to help you find information quickly and easily. NEW! 2-column format features new Tricks of the Trade boxes to give you a professional's perspective on common issues in emergency nursing. NEW! Fully revised content from the ENA and a broad panel of expert contributors includes up-to-date, practical information on topics such as critical care in the ED, time management, the morbidly obese patient, electronic medical records, disaster nursing, forensic nursing, and workplace violence.

This is a concise, user-friendly orientation guide and reference for new and seasoned nurses, paramedics, preceptors, educators, management teams, and anyone else working in the triage environment. It offers guidelines covering key processes and practices triage nurses use daily. Chapters address core elements of triage such as patient point of entry, acuity scales, and “red-flag” patient presentations and how to handle them; coordination and communication with other health care team members; and documentation. The book offers practical information on triage for emergency department and urgent care settings, with useful tips for both triage orientees and preceptors. It addresses care considerations for specialized populations including geriatric and pediatric patients. The text supplies essential information on teaching and learning principles and the fostering of critical thinking skills, and covers such topics as compassion fatigue, customer service, legal concerns, core measures, and patient and staff safety. Trends in triage nursing such as electronic medical record considerations,
provider in triage, and advanced triage protocols are included. Information is organized in brief, bulleted “bites” for knowledge at a glance, and Fast Facts in a Nutshell boxes reinforce key concepts. Key Features Provides essential guidance for key procedures and protocols in an easy-to-read, easy-to-access format Offers practical triage information with a focus on emergency department and urgent care settings Focuses on processes, critical thinking, and the legal aspects of triage Includes care considerations for specific patient populations Incorporates advice from seasoned emergency department nurses and triage educators

With the growth of information and focus on Healthcare Informatics, there remains an interest in case studies. In the current field of Health Informatics there is no text that uses case studies to explain the difficulties that occur. Edited by specialists in the field of Health Informatics, the third edition of Transforming Healthcare Through Information: Case Studies builds upon the specific examples of case studies to exemplify the various phases of introducing technological advancements into healthcare institutions. The new edition includes a section on how to implement Link2care, a system that will allow caregivers of ill patients, to seek reliable and informative online information and support. In addition the cases will be framed under new sections with discussion on new topics in the area of healthcare technology such as quality data management and knowledge management. The case studies described in the third edition will benefit not only the practicing professional but also the instructor and student studying in the field of health informatics.

The Manchester Triage System (MTS) is the most widely used triage system in the UK, Europe and Australia, with tens of millions of patients being processed through hospital emergency departments. Emergency Triage is the core text for the MTS which utilises a risk averse system of prioritisation for patients in all unscheduled care settings, and as such it is an essential text for all emergency department staff using the MTS, in particular triage nurses themselves. The second edition has been revised throughout and takes in the changes in practice introduced into MTS since the book was first published. These include: Redesigned and expanded flow charts Additional charts for allergy and palpitations New practices - such as the possibility of revascularisation for patients with stroke New discriminators, for example acute neurological deficit and significant respiratory history Redefinition of existing discriminators Also new to this edition is the incorporation of sections on the use of the risk averse system in telephone triage, in settings where ‘streaming’ takes place and as an early warning score for patients in all unscheduled care settings. The tone of this edition reflects the more up to date, modified approach to triage while retaining the principles of clinical prioritisation, which in the authors’ words “remains a central plank of clinical risk management in emergency care”. Emergency Triage is an essential handbook for all clinicians involved in unscheduled care settings such as emergency care, walk in centres, minor injury units, primary care out of hours services.

Endorsed by the College of Emergency Nursing Australasia CENA is the peak professional association representing emergency nurses and has endorsed this text in recognition of the relevance it has to emergency nursing across Australasia. Led by an expanded editorial team of internationally recognised clinicians, researchers and leaders in emergency care, the 3rd edition of Emergency and Trauma Care for Nurses and Paramedics continues to be the foremost resource for students preparing to enter the emergency environment and for clinicians seeking a greater understanding of multidisciplinary emergency care. The text provides nursing and paramedicine students and clinicians with the opportunity to understand the best available evidence behind the treatment that is provided throughout the emergency care trajectory. This unique approach ultimately seeks to strengthen multidisciplinary care and equip readers with the knowledge and skills to provide safe, quality, emergency care. The 3rd edition builds on the strengths of previous editions and follows a patient journey and body systems approach, spanning the pre-hospital and hospital environments. Expanded editorial team, all internationally recognised researchers and leaders in Emergency Care Chapter 6 Patient safety and quality care in emergency All chapters revised to reflect the most up-to-date evidence-based research and practice Case studies and practice tips highlight cultural considerations and communication issues Aligns to NSQHSS 2e, NMBA and PBA Standards An eBook included in all print purchases
This brand new title in the ABC series provides a comprehensive overview of pre-hospital medicine, including transport, patient assessment, emergency care systems, and pre-hospital interventions. With pre-hospital care being the start of the "trauma chain", the treatment patients receive on-scene as well as en-route can be life-saving, and this new title is invaluable for all staff involved in emergency and pre-hospital medicine."--Provided by publisher.

With over 136.3 million patient visits to the Emergency Department, emergency nurses are not only in high demand but a continuously growing segment of the nursing profession. Emergency nurses find themselves in high-risk, faced-paced, physically and emotionally demanding, and difficult situations on a constant bases, which many nurses will describe as both stressful and surprisingly, extremely fulfilling. But there are so many variables, moving pieces, and different roles when it comes to emergency nurses. How do you begin to understand or know if this is the right career for you when there is so much to know? Emergency Nurse: The Profession, the Pathway, and the Practice provides students, new nurses, and existing emergency nurses the tools and information they need to pursue and sustain a successful career in emergency healthcare. Author Jeff Solheim informs readers about the career opportunities that exist within emergency nursing, introduces nurses to the emergency department and how it differs from other healthcare settings, and explains the challenges and patient populations that emergency nurses will face on a regular basis. Filled with fun facts, notes, and practical advice, this book is a fantastic resource for a nurse eager to learn more about emergency care.

Part of the Nursing Secrets Series (R) and written in a question & answer format, Triage Nursing Secrets begins with an overview of triage nursing and moves to a significant section on symptoms and a final section on issues and competencies. This practical resource is a collection of pearls of wisdom and tricks of the trade to aid effective nurse triage decisions. Content includes guiding principles, objective criteria, mnemonics/memory aids, discriminators, determinants from standardized triage systems and differences between the typical presentation of men vs. women in various conditions including stroke, chest pain, and domestic violence. Written by experts in the field of triage nursing for the most authoritative information. Key Points boxes emphasize the most important material in each chapter. Internet Resources in appropriate chapters provide sources for further studying and reference. Mnemonics/memory aids help readers remember important concepts. Top Secrets of triage nursing are included in the front matter for quick reference.Topical chapters are included on disaster and terrorism issues, as well as the always-changing regulatory issues in triage nursing. Engaging, straightforward Question-and-Answer format makes it easy to look up needed facts and information in any setting. Visually appealing two-color design makes material accessible and reader-friendly.

This book gathers papers presented at the International Conference on Advanced Intelligent Systems for Sustainable Development (AI2SD-2018), which was held in Tangiers, Morocco on 12–14 July 2018. Highlighting the latest research and advances in the field of healthcare, it shares essential insights into the health sector, and is intended to stimulate further discussion and promote closer interdisciplinary collaboration among researchers and health professionals.

This series is intended for the rapidly increasing number of health care professionals who have rudimentary knowledge and experience in health care computing and are seeking opportunities to expand their horizons. It does not attempt to compete with the primers already on the market. Eminent international experts will edit, author, or contribute to each volume in order to provide comprehensive and current accounts of innovations and future trends in this quickly evolving field. Each book will be practical, easy to use, and well referenced. Our aim is for the series to encompass all of the health professions by focusing on specific professions, such as nursing, in individual volumes. However, integrated computing systems are only one tool for improving communication among members of the health care team. Therefore, it is our hope that the series will stimulate professionals to explore additional means of fostering interdisciplinary exchange. This series springs from a professional collaboration that has grown over the years into a highly valued personal friendship. Our joint values put people first. If the Computers in Health Care series lets us share those values by helping health care professionals to communicate their ideas for the benefit of patients, then our efforts will have succeeded.
This book discusses all important aspects of emergency medicine in older people, identifying the particular care needs of this population, which all too often remain unmet. The up-to-date and in-depth coverage will assist emergency physicians in identifying patients at risk for adverse outcomes, in conducting appropriate assessment, and in providing timely and adequate care. Particular attention is paid to the common pitfalls in emergency management and means of avoiding them. Between 1980 and 2013, the number of older patients in emergency departments worldwide doubled. Compared with younger patients, older people suffer from more comorbidities, a higher mortality rate, require more complex assessment and diagnostic testing, and tend to stay longer in the emergency department. This book, written by internationally recognized experts in emergency medicine and geriatrics, not only presents the state of the art in the care of this population but also underlines the increasing need for adequate training and development in the field.

--Book Jacket.

Written by emergency nurses for emergency nurses, Sheehy's Emergency Nursing: Principles and Practice, 7th Edition covers the issues and procedures unique to the emergency department. This comprehensive, evidence-based resource is written by the Emergency Nurses Association and includes developments and changes in clinical practice that are incorporated throughout the text. Considered the go-to guide for issues and procedures unique to the emergency department, the user-friendly format features more than 150 high-quality illustrations and tables that highlight essential concepts and offer quick access to vital information. New to this edition is updated key coverage including clinical fundamentals, treatment for trauma and medical-surgical emergencies, the foundations of emergency nursing practice, special populations, and more! Written by the Emergency Nurses Association, ensuring this is the most accurate information on the market. Most comprehensive and authoritative text available on emergency nursing. Logically organized, chapters are grouped into six sections for quick access to important content: Foundations of Emergency Nursing, Professional Practice, Clinical Foundations of Emergency Nursing, Major Trauma Emergencies, Medical and Surgical Emergencies, and Special Patient Populations. Tables and boxes highlight and summarize critical and essential information, while 150 illustrations help you to quickly identify and treat frequently encountered conditions. A separate unit on special patient populations covers topics such as child abuse, elder abuse, intimate partner violence, sexual assault, substance abuse and behavioral/pediatric/obstetrical emergencies.
NEW! Coverage includes the latest on topical issues such as ethics, workplace violence, and geriatric trauma. UPDATED pain guidelines feature the latest pain indicators. UPDATED sepsis guidelines provide essential information on pathophysiology and diagnosis, with valuable guidelines for managing these patients. NEW! Fully revised information on communicable diseases. UPDATED Information on non-narcotic use for treatment of pain and increasing rates of addiction. NEW! Discussion of transgender patients covers how to work with this unique population. NEW! Full color photo insert

Pediatric Telephone Triage Guidelines, School Age (6 to 18 Y ears) The first and only 5-Tier Triage, Age-Specific Guidelines for School Age populations. Updated Sections that have been revised or added to the 2005 edition include: Telephone Triage 5-Tier Triage Flow Chart & M aster Guideline, QA A udit, A CEP & ENA Position Papers, Standards and research on safety, root causes of error, and Five-Tier Triage. Customizable Make this manual "your own" by placing in a binder with tabs. Use it as a base set and add your facilities' preferences on colored sheets at the end of each guideline. "Growing your own" paper guidelines from scratch may take years to accomplish, may be more expensive than expected and may not produce high quality results. Evidence-Based Design: Checklists - Five standardized screening checklists help to rule out and rule in key symptoms to estimate symptom urgency and reduce mistriage (Gawande, 2009; Wachter 2015) 5 -Tier Triage Dispositions - insure patient informed consent and continuity, directing patients to where, when and why they should be seen. Consistently apprises callers of the urgency of their symptoms to help insure timely compliance. Five clearly defined, standardized dispositions (firm but flexible time frames, access sites and urgency rationale). promote reliable, consistent outcomes and clear follow up patients directives. The goal of these guidelines is "to get patients to the right place, at the right time for the right reason." Users are spared frustrating, confusing and time-consuming decision-making related to algorithm formats (ENA/ACEP, 2010) All Hours/All A ccess Sites - dispositions apply 24/7/365; they are not limited to office- or after- hours. A ccess sites are flexible for all hour options Standards-Based System to reduce common errors: inadequate data collection, miscommunications, cognitive bias (jumping to conclusions or stereotyping) and inadequacies in informed consent and continuity (IOM, 2011, Donabedian, 2003, Patel, 1996, A A A CN, 2012) M aster GuidelineA "universal" triage tool derived from A CEP and M anchester Triage Group standards. Integrated standards in this guideline support clinicians in three ways: 1. As "contingency" or "fall back" guide (in cases where no specific guideline applies); 2. as a preemptive guideline, before selecting a more specific guideline, 3. As a training tool for new hires as a review of commonly presented symptoms (IOM, Joint Commission, 2011) Essential Features: A uthoritative collaboratively developed over a two-year period by 20+member Expert T ask Force. Nurse-developed, physician-reviewed. Comprehensive - A ddress the most common presenting symptoms, and rare, but predictable emergent symptoms -- 1,500 medical conditions. Risk M anagement Used in 500+ sites since 1995 without any report of errors, omissions or malpractice. U ser's Guide describes how to operate this reference (30 pages) Cost effective Paper-based guidelines are economical; electronic algorithms can be extremely costly

A cute Psychiatric Emergencies is designed for all medical and healthcare professionals working with patients in mental health crisis. This manual is a key component of the A cute Psychiatric Emergencies (A PEx) course, which uses a structured approach developed by leading psychiatry and emergency medicine specialists with years of practical experience. This valuable resource provides a practical approach for dealing with mental health emergencies, helping healthcare professionals from different specialties speak a common language and develop a shared understanding that expedites excellent care. The manual outlines the assessment and management of patients who have self-harmed, those that are apparently drunk, the patient behaving strangely, the patient with acute confusion, and those that are aggressive. Presents a structured, practical approach for the emergency care of patients presenting in acute psychiatric crisis Covers common presentations of psychiatric emergencies Emphasises close co-operation of emergency and mental health teams Offers content designed jointly by practicing psychiatrists and emergency physicians from the A dvanced Life Support Group (A LSG) A cute Psychiatric Emergencies will be useful for practitioners of emergency medicine, psychiatry, emergency and mental health nursing as well as other mental health and crisis care professionals.

This book constitutes the proceedings of the Third International Conference on Technologies and Innovation, CITI 2017, held in Guayaquil, Ecuador, in
International migration, particularly to Europe, has increased in the last few decades, making research on aspects of this phenomenon, including numbers, challenges, and successes, particularly vital. This Special Issue highlights this necessary and relevant area of research. It presents 37 articles including studies on diverse topics relating to the health of refugees and migrants. Most articles (28) present studies focusing on European host countries. The focus on Europe is justified if we take into consideration the increased number of refugees and migrants who have come to Europe in recent years. However, there are also articles which present studies from countries in other continents. The topics discussed in the Issue include healthcare utilization, infectious diseases, mother and child health, mental health, and chronic diseases. Finding from the included articles indicate that further development of guidelines and policies at both local and international levels is needed. Priorities must be set by encouraging and funding in-depth research that aims to evaluate the impact of existing policies and interventions. Such research will help us formulate recommendations for the development of strategies and approaches that improve and strengthen the integration of migrants and refugees into the host countries.

Lippincott Manual of Medical-Surgical Nursing Adaptation of Nettina: Lippincott Manual of Nursing Practice, 10/e. Suresh K. Sharma This book is south Asian adaptation of Nettina: Lippincott Manual of Nursing Practice, 10/e. Customized as per the General Nursing Midwifery curriculum prescribed by Indian nursing council (INC). It not only provides but establishes authentic content of international standard but also caters to the specific curriculum requirement of nursing student of India.

Emphasizing evidence-based therapy for critically ill or injured dogs and cats, Small Animal Critical Care Medicine, 2nd Edition puts diagnostic and management strategies for common disorders at your fingertips. It covers critical care medical therapy, monitoring, and prognosis — from triage and stabilization through the entire course of acute medical crisis and intensive care treatment. To make therapeutic decisions easier, clear guidelines address underlying clinical findings, pathophysiology, outpatient follow-up, and long-term care. From lead editors Deborah Silverstein and Kate Hopper, along with a Who’s Who of experts from the veterinary emergency and critical care world, this comprehensive reference helps you provide the highest standard of care for ICU patients. Over 200 concise chapters are thoroughly updated to cover all of the clinical areas needed for evaluating, diagnosing, managing, and monitoring a critical veterinary patient. More than 150 recognized experts offer in-depth, authoritative guidance on emergency and critical care clinical situations from a variety of perspectives. A problem-based approach focuses on clinically relevant details. Practical, user-friendly format makes reference quick and easy with summary tables, boxes highlighting key points, illustrations, and algorithmic approaches to diagnosis and management. Hundreds of full-color illustrations depict various emergency procedures such as chest tube placement. Appendices offer quick access to the most often needed calculations, conversion tables, continuous rate infusion determinations, reference ranges, and more. All-NEW chapters include Minimally Invasive Diagnostics and Therapy, T-FAST and A-FAST, Systemic Inflammatory Response Syndrome (SIRS), Multiple Organ Dysfunction Syndrome (MODS), Sepsis, Physical Therapy Techniques, ICU Design and Management, and Communication Skills and Grief Counseling. NEW! Coverage of basic and advanced mechanical ventilation helps you in deliver high-quality care to patients with respiratory failure. NEW! Coverage of increasingly prevalent problems seen in the Intensive Care Unit includes multidrug-resistant bacterial infections and coagulation disorders. NEW chapters on fluid therapy and transfusion therapy provide information on how to prevent complications and maximize resources. UPDATED coagulation section includes chapters on hypercoagulability, platelet function and testing, anticoagulant therapy, and hemostatic drugs.
From the publishers of the market-leading at a Glance series comes a wide-ranging and succinct overview of the key concepts of emergency care. Emergency Nursing at a Glance uses the unique and highly visual at a Glance format to convey vital information quickly and efficiently, ensuring that nursing students have access to all the important topics they need for an emergency care placement. This highly visual, easy-to-read guide is the ideal companion for anyone entering fields involving urgent or unscheduled care. It includes all aspects of emergency care, including trauma, minor injury, triage processes, patient assessment, common emergency presentations, as well as legal, ethical and professional issues. It covers care of adults, children, and those with learning disabilities and mental health conditions. Presented in the bestselling at a Glance format, with superb illustrations and a concise approach, Emergency Nursing at a Glance is an invaluable resource for nursing students, newly qualified nurses and other healthcare professionals working in emergency departments, urgent care centres, minor injury units and walk-in centres.

Written for a global audience, by an international team, the book provides practical, case-based emergency department leadership skills.


Publisher's Note: Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality, authenticity, or access to any online entitlements included with the product. A classic nursing reference, the fully updated Lippincott Manual for Nursing Practice, 11th Edition, offers expert nursing knowledge and much-needed practical guidance on patient care. Authoritative yet easy to follow, this comprehensive text guides you through the nursing concepts and skills particularly vital for medical-surgical assessment, care, and treatment. Essential for both in-the-classroom and on-the-unit guidance, this is the expertise that all students, new nurses, and medical-surgical nurses need to grasp essential nursing concepts, care management, and procedures.

Emergency Triage: Telephone Triage and Advice complements the highly successful Emergency Triage. The algorithms are rooted in the Manchester Triage System (MTS), which is used in hospitals around the world and which is acknowledged as an effective means of clinical prioritisation. This telephone iteration of a triage system which prioritises millions of patients each year provides a robust, safe, evidence-based system for managing the clinical risk in patients who are at a distance from health care providers. The basic principles that drive the MTS remain, but this book addresses the specific difficulties of assessment by
The possible triage outcomes are "face-to-face now", "face-to-face soon" and "face-to-face later" together with a self-care option. Information and advice is suggested at every level. The advice ranges from life-saving interventions, which can be carried out until health care arrives, to self-care instructions. Emergency Triage: Telephone Triage and Advice provides all the necessary information that telephone triage staff must have to hand as well as including examples of questions to be asked. It will be a valuable resource for staff working in emergency departments, health centres and telephone triage organisations. Furthermore hospitals that are already using Emergency Triage will benefit from being linked with a telephone triage system that follows the same protocols.

The aim of the book is to introduce new developments in Ambient Intelligence from researchers of several countries. The book includes different works in the area of Ubiquitous Computing, e-Health, Ambient Assisted Living, Distributed Computing and Context Aware Computing that have been selected by an international committee. The studies have been presented in the 9th International Symposium on Ambient Intelligence held in Toledo in June 2018.

The new 6th edition of Sheehy's trusted emergency care resource - now developed in conjunction with the Emergency Nurses Association - features complete coverage of the essentials emergency nurses need to know. Important discussions focus on basic and advanced life support, intravenous therapy, medical emergencies, trauma emergencies, and emergency care for special populations. Each condition commonly seen in the emergency setting is thoroughly addressed, from signs and symptoms, to diagnosis, treatment, developmental considerations, patient education, and more. New chapters and updated material make this resource a must-have for current practice. Complete, up-to-date, practical information is essential for both clinical practitioners and nursing students. Thorough discussions of each condition include signs and symptoms, diagnosis/diagnostic testing, treatment/interventions, age/developmental considerations, and patient/family education/discharge instructions. Compact, portable size makes it ideal for on-the-spot reference in any setting. Developed in conjunction with the Emergency Nurses Association, featuring expert contributions from respected emergency personnel. 13 new chapters cover:
- Communication in the Emergency Department Cultural Diversity Intrafacility and Interfacility Patient Transport Emergency Operations Preparedness Triage
- Airway Emergencies Elder Trauma Substance Abuse Emergencies Updated content includes decontamination and conscious sedation procedures. A new updated list of website references now includes pertinent resources for emergency personnel. Consistent format makes it easy to quickly retrieve information in an emergency setting - each chapter discussion includes a list of conditions and procedures, brief introductory statements, discussion of each condition, key procedures, and references. Over 400 updated photos and illustrations clarify important concepts.