

Iv Therapy Guidelines

IV Therapy For Dummies

The fast and painless way to ace your IV Therapy course Are you an aspiring nurse, nurse practitioner, or physician's assistant struggling with IV therapy? Help is here! IV Therapy For Dummies tracks to a typical IV therapy course and gives you current, easy-to-follow guidance on everything you'll encounter in class, such as delivery methods, flow rates, legal issues, profession standards, and documentation. IV Therapy For Dummies also discusses the necessary components of peripheral and central venous therapy, including access sites, equipment, preparation, maintenance, and the discontinuation of therapy. Plus, you'll get the 4-1-1 on the administration of IV medications, including special considerations for pediatric, elderly, and home care patients. Tracks to a typical IV Therapy course Provides current, comprehensive information in plain English If you're enrolled in an IV Therapy course or a healthcare worker looking for a refresher on this important form of medical treatment, IV Therapy For Dummies has you covered.

Plumer's Principles and Practice of Intravenous Therapy

Disc contains drug monographs on more than 100 intravenous agents in a printable format for patient teaching and 11 appendices with information on continuing education, governmental regulations, and other subjects relevant to infusion therapy.

Intravenous Therapy Guidelines

Based on recognized standards of practice, Mosby's Pocket Guide to Infusion Therapy offers RN and LPN nursing students and practitioners a practical, concise resource for learning or reviewing current approaches to infusion therapy as well as a dependable IV pocket reference. Divided into consistent key sections, such as Troubleshooting Tips, Guidelines for Specific Procedures, Pain Management, and Helpful Hints, nurses can rely on this powerful pocket reference daily for their infusion therapy needs. And with the latest information on products, guidelines, and screening procedures, nurses can be sure they are staying current with the latest innovations and trends in the field. Presents the principles of infusion therapy in a thorough yet concise manner to facilitate learning and review as well as the easy retrieval of important IV information Highlights Clinical Alerts, Trouble Shooting Tips, and Potential Complications with consistent icons to point out specific clinical practice tips, to save time, and to help prevent common errors Illustrates the use of all drug calculation formulas to clearly explain the calculation process and help prevent drug administration errors Provides patient/family teaching guidelines to assist the nurse in providing appropriate infusion therapy education to their patients Provides multiple-choice study questions at the end of relevant chapters to help the reader evaluate his or her understanding of content and to prepare for the Intravenous Nurses Society Certification exam. Includes a Clinical Competency section at the end of relevant chapters to provide health care institutions and clinical educators with a tool that facilitates meeting JCAHO accreditation requirements. Identifies pediatric drug calculations with a special icon to easily distinguish between adult and pediatric calculations New and updated information on needleless IV therapy products, products that meet JCAHO/CDC safety recommendations, CDC/ANA safe practice guidelines, latex allergy, and blood products New content on CDC recommendations for screening West Nile Virus and SARS New content on Central Venous Catheters for child, adolescent, and geriatric patients New product information and illustrations familiarize readers with the latest innovations Expanded content on serum electrolytes keep readers up-to-date Updated discussion of chemotherapy drugs

Mosby's Pocket Guide to Infusion Therapy

With a new focus on evidence-based practice, the 3rd edition of this authoritative reference covers every aspect of infusion therapy and can be applied to any clinical setting. Completely updated content brings you the latest advances in equipment, technology, best practices, guidelines, and patient safety. Other key topics include quality management, ethical and legal issues, patient education, and financial considerations. Ideal as a practical clinical reference, this essential guide is also a perfect review tool for the CRNI examination. Authored by the Infusion Nurses Society, this highly respected reference sets the standard for infusion nursing practice. Coverage of all 9 core areas of INS certification makes this a valuable review resource for the examination. Material progresses from basic to advanced to help new practitioners build a solid foundation of knowledge before moving on to more advanced topics. Each chapter focuses on a single topic and can serve as a stand-alone reference for busy nursing professionals. Expanded coverage of infusion therapy equipment, product selection, and evaluation help you provide safe, effective care. A separate chapter on infusion therapy across the continuum offers valuable guidance for treating patients with infusion therapy needs in outpatient, long-term, and home-care, as well as hospice and ambulatory care centers. Extensive information on specialties addresses key areas such as oncology, pain management, blood components, and parenteral nutrition. An evidence-based approach and new Focus on Evidence boxes throughout the book emphasize the importance of research in achieving the best possible patient outcomes.

The user-friendly design highlights essential information in handy boxes, tables, and lists for quick access. Completely updated coverage ensures you are using the most current infusion therapy guidelines available.

Infusion Nursing

Infusion Nurses Society's most recognized publication, the newly revised Infusion Therapy Standards of Practice has long provided the framework that guides clinical practice. The Standards helps define and develop organizational infusion-based policies and procedures for all practice settings.

Infusion Therapy Standards of Practice

Intravenous Therapy in Nursing Practice provides a comprehensive guide to the management of intravenous therapy in nursing, and explores all aspects of intravenous therapy in both hospital and community settings. It addresses core clinical skills, including the preparation and administration of intravenous drugs, peripheral venous access, acute and long term central venous access, and paediatric intravenous therapy. The book also explores relevant anatomy and physiology, fluid and electrolyte balance, pharmacological aspects and legal and ethical issues, in order to equip nurses with the skills and knowledge needed in order to provide safe and effective care. • Addresses key specialist skills, including blood transfusion, parenteral nutrition and safe administration of cytotoxic drugs • A definitive text for nurses working in the hospital and the community • Contains contributions from leading nurse practitioners Intravenous Therapy in Nursing Practice is an essential resource for nurses and health professionals working in intravenous therapy.

Intravenous Therapy in Nursing Practice

The Ninth Edition of Plumer’s Principles and Practice of Infusion Therapy provides clear, concise coverage of basic and advanced infusion procedures. Rely on this new edition for the most current coverage of intravenous therapy functions, procedures, standards, and equipment, along with practical new features and emphasis on safety considerations, as well as evidence-based practice. The book begins with an overview of IV therapy, including how to minimize risk and enhance performance, and then addresses assessment and monitoring; clinical decision making; patient specific therapies, and infusion therapy for children, the elderly, and across the continuum of care.

Plumer's Principles and Practice of Infusion Therapy

The manual of choice...perfect for class, clinical, and practice! The perfect resource for any setting where infusion therapy skills are required! Its popular, self-paced approach makes it ideal for classroom and clinical settings as it progresses from the basics to advanced techniques while incorporating theory into clinical application. A focus on evidence-based practice in a streamlined format continues to make this the manual of choice in a rapidly advancing field. “Thorough, comprehensive manual on IV therapeutics. Gorski, the author, is considered the final word in all matters of IV therapeutics. A great go-to guide for any nurse involved with infusions.”—Andrea, Online Reviewer New & Updated Incorporates the 2021 Infusion Therapy Standards of Practice published by the Infusion Nurses Society (INS), new and revised guidelines from the Centers for Disease Control (CDC) and World Health Organization (WHO) as well as the latest guidelines from the Association for the Advancement of Blood & Biotherapies (AABB) and the American Society of Parenteral and Enteral Nutrition (ASPEN) New Chapter! An Introduction to Biologic Infusion Therapies Updated! Follows the INS Core Curriculum for certification. Updated! Uses current literature to support evidence-based practice. Updated! Presents procedures and rationales as well as technology that reflect practice today. Presents “Thinking Critically” boxes, a case study feature. Integrates pediatric and geriatric content throughout. Offers a wealth of additional resources for students online at FADavis.com Features well organized pedagogical tools, including...Learning Objectives, Nursing Fast Facts, Age-related and Cultural Considerations, Nursing Plans of Care, Home Care Issues, Patient Education, Key Points, and Review Questions. Makes must-know information easy to find with icons for key points of theory, nursing fast facts, INS standards of practice, relevant studies in evidence-based practice, nursing points of care, home care issues, patient education, and a media link to the online tools and resources. Presents detailed step-by-step procedures for subcutaneous infusion of pain medication • peripherally inserted catheters (PICCs) • epidural pain medication administration • and patient controlled analgesic therapy. Includes competency skill checklists for evaluating procedures. Examines delivery of IV therapy in the home setting. Highlights critical content in “Nursing Fast Fact” boxes, Spotlights assessment and intervention guidelines in “Nursing Points-of-Care” boxes. Provides competency criteria for hospital policy and procedure development required by The Joint Commission.

Phillips' Man of I.V. Therapeutics

Designed for existing courses within the MA curricula, this text provides initial preparation for the principles and techniques of intravenous therapy. Students will learn the basic knowledge necessary to safely and precisely administer basic IV fluids and medications within the scope of practice for their particular health

care profession. Each chapter is organized with chapter outlines, learning objectives, key words with definitions, and chapter summaries. Includes a basic review of anatomy and physiology to provide a fundamental understanding of how IV therapy can interact with each body system. A variety of exercises (such as IV calculations or patient teaching) are integrated within each chapter to reinforce the learning of often-difficult concepts. Includes an array of worksheets on the companion Evolve website (such as drugs, charting, or drug and dosage calculations) to provide practice tools for the student. Each chapter concludes with multiple-choice review questions to test students' knowledge of the content within that chapter. Provides a Competency Check Sheet with standards for performance and to meet competency-based education requirements.

Introduction to Intravenous Therapy for Health Professionals

Features concise information \"at a glance\" along with more in-depth considerations Providing key information at a glance, this timely resource for the home care nurse, offers clear, current practice guidelines for safely delivering IV therapy within the home. Written by one of the foremost experts in the field, the guide delivers not only evidence-based information in an easy-to-access, bulleted format, but also includes more extensive descriptions, discussions, and rationale for in-depth consultation. It maintains a cogent focus on infection and complication prevention throughout, and presents directives for achieving positive patient outcomes. It also focuses on patient education—an essential component of safe home infusion therapy--and includes case studies and Q & A sections to reinforce content. The guide addresses the foundations of home infusion therapy, including infusion access devices and infusion delivery methods. Effective and safe management of dehydration, antimicrobial infusions, and parenteral nutrition are addressed along with chemotherapy, pain management, cardiac-related infusion therapy, immunoglobulin infusion, and other home infusion therapies. Home care nurses who provide direct care, home care managers and educators, and nurses who provide home care discharge planning will find this Fast Facts guide to be an invaluable learning tool. Key Features: Focuses on patient selection, education, and monitoring Delivers evidence-based recommendations Presents quick access bullet points along with more in-depth information Discusses pediatric and geriatric implications Includes case studies and critical thinking questions

Intravenous Therapy Guidelines

This comprehensive guide to venipuncture and intravenous therapy is a must have for any health care professional responsible for IV therapy. This book covers all aspects of intravenous infusion therapy and includes a review of the nursing process, fluid and electrolytes, acid-base balance, and infection control, all extremely important topics in today's world of health care. In addition, this book includes numerous real-life clinical scenarios that address topics as diverse as ethical dilemmas, tips, cautions, case studies, and nursing care plans. This book incorporates the newest standards established by the Intravenous Nurses Society.

Fast Facts for Nurses about Home Infusion Therapy

Now in its Eighth Edition, this text offers clear and practical guidance for providing quality infusion care to patients in every setting. The book provides reliable, up-to-date information on state-of-the-art procedures, techniques, and equipment and current Infusion Nurses Society standards of practice. Major sections cover assessment and monitoring, principles of equipment selection and clinical applications, patient-specific therapies, and special applications. Procedures are described in step-by-step detail, with emphasis on patient and health care worker safety. Coverage includes patient education and home care management guidelines. Each chapter ends with review questions. A bound-in CD-ROM contains over 100 monographs on intravenous drugs.

Intravenous Infusion Therapy for Nurses

Known for its accessibility and accuracy, this valuable pocket reference is based on recognized standards of practice for nurses working in diverse patient care settings and with varying clinical preparation. In a thorough but concise manner, the book explores the principles of IV therapy and details the steps for proficient administration of intravenous medications. This new edition is thoroughly revised with new chapters on home care infusion therapy and professional resources, plus new illustrations and updated information throughout to ensure clinical accuracy and currency. Presents the principles of intravenous therapy in a thorough yet concise manner to facilitate the easy retrieval of important IV information. Includes geriatric considerations in appropriate chapters, pointing out aspects of care specific to geriatric patients. Identifies clinical alerts, trouble-shooting tips, potential complications and general home care guidelines with unique icons that highlight specific clinical practice tips to enhance learning. Provides patient/family teaching guidelines to direct the nurse in addressing the key educational needs of patients. Offers patient education material and illustrations to provide the nurse with ready-to-use information that promotes the patients active participation in care and treatment. Illustrates the use of all drug calculation formulas to ensure accurate IV drug administration. Includes learning objectives to reinforce key content. Provides multiple choice study questions at the end of appropriate chapters to help the reader understand

content or prepare for the Intravenous Nurses Society Certification exam. Includes a new chapter on Home Care Infusion Therapy to provide nursing assessment and intervention strategies for venous access devices, infusion pumps, and varied infusates administered in the home care setting. Offers a new chapter, Professional Resources, to identify educational objectives of an IV therapy course, discuss risk management, product research and development, and provide product resource information. Incorporates illustrations and information on new vascular access products and devices that promote safe vascular access and infection control. Includes a clinical competency section at the end of each appropriate chapter to facilitate meeting JCAHO accreditation requirements. Identifies pediatric drug calculations with a special icon to easily distinguish between adult and pediatric calculations.

Plumer's Principles & Practice of Intravenous Therapy

Policies and Procedures for Infusion Therapy: Home Infusion, 2nd edition, is the latest addition to this family of resources. The high cost of health care and chronic illnesses have made the home infusion setting a practical option for patients. In some cases, hospitalization for uncomplicated conditions can be avoided and patients can receive infusion therapy in the comfort of their own home. This resource serves as a valuable tool for those who practice in this rapidly growing care setting.

Pocket Guide to Intravenous Therapy

"I would definitely recommend this book to all staff with an interest and involvement in intravenous drug therapy." —The Pharmaceutical Journal "There is no doubt that nurses will find this small book useful. It should be available for consultation in any clinical area where drugs are administered to patients by the injectable routes." —Journal of Clinical Nursing The safe administration of injectable medicines is key to patient safety. The NPSA recognises the use of injectable medicines is a high risk activity and recommends written information about injectables to be available at the point of preparation. The UCL Hospitals Injectable Medicines Administration Guide is a practical, accessible guide covering many important aspects of administering medicines by injection. It provides clear, concise information on the preparation and administration of over 245 injectable medicines for adults, paediatrics and neonates. It is an essential resource for nurses and other healthcare professionals: it provides the key information and advice needed for the safe and effective administration of injectable medicines. The Guide's introductory section provides a concise yet comprehensive overview of injectable therapy, including the risks and benefits of IV administration, infusion devices, and pharmaceutical aspects of injectable therapy. For each drug the alphabetically tabulated monographs provide: A practical method of preparation and administration via the IV, IM and SC routes, with risk reduction in mind at every step Expert advice from the team of specialist pharmacists at UCLH to ensure safe and pragmatic use of each medicine Monitoring advice for the management of reactions that may occur during administration Y-site and syringe driver compatibility data Minimum infusion volume data for fluid restricted patients Extravasation warnings, pH, sodium content, displacement values, stability and flush data New to this edition: 40 new monographs including recently marketed, unlicensed, rarely used and specialist medicines Detailed advice for the administration of high risk medicines such as heparin, with access to UCLH's medicine related guidelines at www.wiley.com/go/UCLH A colour-coded NPSA risk assessment for every mode of administration for every medicine, to highlight the safest method of administration A user guide and tutorial to give new readers confidence in using and understanding the Guide Revised chapters on administration methods and devices, aseptic non-touch technique, and latex allergy Fully revised and expanded Y-site compatibility section Spiral binding to allow the book to be left open at the relevant page The Guide is also available electronically at www.uclhguide.com.

Policies and Procedures for Infusion Nursing of the Pediatric Patient

This handy book, written by the author of the very popular Venepuncture and Cannulation: A Practical Guide, offers step-by-step guidance in how to administer intravenous fluids and medicines. It will be equally helpful, whether you are already practising intravenous therapy and wish to refresh or update your knowledge or you are learning this skill for the first time. Each chapter contains intended learning outcomes, clinical points for practice, and activities that enable you to relate the content to your own clinical area. The book opens with a general discussion of intravenous therapy, followed by an overview of the circulatory system and different types of intravenous access. The author explains how to calculate medication doses, and describes relevant aspects of pharmacodynamics and pharmacokinetics. She looks at safe techniques used in the administration of intravenous fluids and medications, and how to use different types of infusion devices, as well as the potential risks, complications and adverse reactions associated with intravenous therapy. The final chapter explores the professional responsibilities of the healthcare practitioner. Contents: • What is intravenous therapy and why is it used? • An overview of the circulatory system and related anatomy and physiology of the peripheral vascular system • Intravenous access and care of the site • Calculating medication doses • How drugs work – an introduction to pharmacokinetics and pharmacodynamics • Safe administration of intravenous fluids and medicines • Using an infusion device • Risk, complications and adverse reactions • Professional responsibilities Appendices: - Competency checklist for the preparation of intravenous therapy using a bolus method - Competency checklist for the preparation of intravenous therapy using an intermittent or continuous infusion method - Record of supervised practice

UCL Hospitals Injectable Medicines Administration Guide

Providing key information at a glance, this timely resource for the home care nurse offers clear, current practice guidelines for safely delivering IV therapy within the home. Written by one of the foremost experts in the field, the guide delivers not only evidence-based information in an easy-to-access, bulleted format, but also extensive descriptions, discussions, and rationale for in-depth consultation.

Intravenous Therapy Administration: a practical guide

Presents "Thinking Critically" boxes, a case study feature. Integrates pediatric and geriatric content throughout. Offers a wealth of additional resources online at DavisPlus, including a 300-question test bank with rationales, Case Studies from the book with critical-thinking questions and answers, full-color video clips and interactive flash cards. Emphasizes standards of practice through its use of guidelines from the Occupational Safety and Health Administration (OSHA), Infusion Nursing Society (INS) and Centers for Disease Control and Prevention (CDC). Features well organized pedagogical tools, including...Learning Objectives - Nursing Fast Facts - Age-related and Cultural Considerations - Nursing Plans of Care - Home Care Issues - Patient Education - Key Points - and Review Questions. Provides competency criteria for hospital policy and procedure development required by The Joint Commission. Includes competency skill checklists for evaluating procedures. Presents detailed step-by-step procedures for subcutaneous infusion of pain medication - peripherally inserted catheters (PICCs) - epidural pain medication administration - and patient controlled analgesic therapy. Examines delivery of IV therapy in the home setting. Highlights critical content in "Nursing Fast Fact" boxes, Spotlights assessment and intervention guidelines in "Nursing Points-of-Care" boxes.

Fast Facts for Nurses about Home Infusion Therapy

The Fourth Edition of this practical reference provides current, comprehensive information on I.V. therapy in a clear, concise, and entertaining manner. The book reviews the basics of I.V. therapy such as purpose, delivery methods, flow rates, legal issues, profession standards, and documentation; discusses the necessary components of peripheral and central venous therapy, including access sites, equipment, preparation, maintenance, and discontinuation of therapy; and describes administration of I.V. medications, including special considerations for the pediatric, elderly, and home care patient. Coverage includes transfusion therapy, chemotherapy, and parenteral nutrition. This edition includes new geriatrics and pediatrics chapters, new information on home care throughout, and updated Infusion Nurses Society standards.

Phillips's Manual of I. V. Therapeutics

There is a significant gap in current knowledge about infusion therapy for treating different pain, headache and psychiatric conditions. Infusion therapy is now a common practice but there is considerable variation in how the therapy is implemented in different centers which can be both dangerous, if high doses are given, or ineffective, if low doses are given. This book provides a practical guide to infusion therapy for clinicians on how to safely and effectively perform this kind of therapy. Chapters cover the pharmacology of each medication and evidence in literature regarding indications, contraindications and doses. A recommended algorithm is provided for patient selection, doses, infusion technique/doses and appropriate monitoring. Infusion Therapy is the first comprehensive, clinical guide to this practice and is an invaluable resource for clinicians in anesthesia, pain medicine, internal medicine and palliative care. It will also be of interest to researchers and pharmacologists who would like to find out how clinicians use infusions.

I.V. Therapy Made Incredibly Easy!

A Davis's Notes book. IV THERAPY NOTES provides essential facts and on-the-spot guidance for nurses delivering and maintaining intravenous fluids with different access devices. With a focus on safe administration of IV therapy, IV Therapy Notes references all types of intravenous fluids and their contents---and the essential rules for calculating infusion rates. With an entire section devoted to fluids and electrolytes, IV Therapy Notes covers it all! To optimize patient safety and provide you with a pocket full of confidence, always keep IV Therapy Notes at your side. Provides your students with all the elements of Davis's Notes Series: small handbook size, erasable paper, and a section to take notes

Infusion Therapy

This quick-reference handbook meets Infusion Nurses Society standards and provides the essential I.V. therapy facts that nurses need for clinical work. Information is presented in an easy-to-scan bulleted format, with visually compelling illustrations of techniques and eye-catching symbols that highlight warning alerts. Separate chapters focus on peripheral and central venous I.V. therapy, including coverage on state-of-the-art vascular access devices, PICC lines, and a quick-scan guide to CV catheters. Close attention is given to

the prevention and management of specific complications of peripheral and central venous therapy. Other chapters cover I.V. medication administration, transfusions, chemotherapy infusions, and parenteral nutrition.

IV Therapy Notes

The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Managem.

IV Therapy

This Open access book offers updated and revised information on vessel health and preservation (VHP), a model concept first published in poster form in 2008 and in JVA in 2012, which has received a great deal of attention, especially in the US, UK and Australia. The book presents a model and a new way of thinking applied to vascular access and administration of intravenous treatment, and shows how establishing and maintaining a route of access to the bloodstream is essential for patients in acute care today. Until now, little thought has been given to an intentional process to guide selection, insertion and management of vascular access devices (VADs) and by default actions are based on crisis management when a quickly selected VAD fails. The book details how VHP establishes a framework or pathway model for each step of the patient experience, intentionally guiding, improving and eliminating risk when possible. The evidence points to the fact that reducing fragmentation, establishing a pathway, and teaching the process to all stakeholders reduces complications with intravenous therapy, improves efficiency and diminishes cost. As such this book appeals to bedside nurses, physicians and other health professionals.

Pocket Book of Hospital Care for Children

Designed for the home care nurse, this pocket guide is a portable reference for home infusion therapy covering venous access devices and other infusion devices and pumps.

Vessel Health and Preservation: The Right Approach for Vascular Access

Published under the auspices of the Infusion Nurses Society (INS), this book provides complete coverage of the nine core areas of infusion nursing practice, helping nurses in all medical-surgical settings update their infusion skills and prepare for the certification examination in infusion nursing. Chapters cover technology and clinical applications; fluid and electrolyte balance; pharmacology; infection control; pediatric infusion therapy; transfusion therapy; antineoplastic agents; parenteral nutrition; and performance improvement. This updated edition reflects recent changes in infusion nursing practice, including needleless systems, new safety devices, new drugs and chemotherapeutic agents, and advances in parenteral nutrition.

Pocket Guide to Home Infusion Therapy

This practical, easy-to-use reference facilitates the administration of 39 of the most complex and common IV infusion drugs used in critical care. Section I presents at-a-glance algorithms covering the ACLS Guidelines for Adult Emergency Cardiac Care. Section II offers a \"Quick Mixing Guide\" for intravenous infusion drugs. And, Section III covers each of the most complex and common IV infusion drugs in detail, presenting all of the data needed for safe administration. Coverage of each drug addresses its most common uses - preparation and administration - dosages - warnings and adverse reactions - compatibility with other drug infusions - and general nursing considerations. \"Drip Rate Calculation Charts\" and \"Dosing Charts\" quickly explain how to mix and prepare drugs that are usually needed by patients on an immediate, urgent basis. Unique \"Calculation Factors\" for each drug greatly simplify an otherwise complicated process and substantially reduce the chance of medication errors.

Core Curriculum for Infusion Nursing

HANDBOOK OF HOME CARE IV THERAPY provides accessible, accurate, and concise information on major home infusion therapies, including IV line assessment and management. In addition to significant cost savings, home IV therapy offers patients and families an increased quality of life, a sense of participation in therapy, and a feeling of control over illness. Based upon accepted national standards of practice, the guidelines in this handbook cover hydration therapy, antibiotic therapy, chemotherapy, hemotherapy, parenteral nutrition, and pain management.

Critical Care Intravenous Infusion Drug Handbook

The administration of intravenous fluids is one of the most common and important therapeutic practices in the treatment of surgical, medical and critically ill patients. The international literature accordingly contains a vast number of works on fluid management, yet there is still confusion as to the best options in the various situations encountered in clinical practice. The purpose of this volume is to help the decision-making process by comparing different solution properties describing their indications, mechanisms of action and side-effects according to physiologic body water distribution, electrolytic and acid-base balance, and to clarify which products available on the market represent the best choice in different circumstances. The book opens by discussing in detail the concepts central to a sound understanding of abnormalities in fluid and electrolyte homeostasis and the effect of intravenous fluid administration. In the second part of the monograph, these concepts are used to explain the advantages and disadvantages of solutions available on the market in different clinical settings. Body Fluid Management: From Physiology to Therapy will serve as an invaluable decision-making guide, including for those who are not experts in the subject.

Guidelines for Administration of Intravenous Medications to Pediatric Patients

Fluid therapy is one of the most basic interventions spanning across all medical and surgical disciplines. Physicians need to understand the physiology of fluids and electrolytes before they can evaluate the extent to which disease pathophysiology has altered the balance, enabling them to determine the type and quantity of intravenous fluids required for treatment. This new edition is a practical guide to intravenous fluids and their administration to surgical patients. Divided into sixteen sections, the text begins with an overview of normal water balance and distribution of body fluid. The next sections cover the pharmacology of different types of intravenous fluid, followed by discussion on fluid therapy in different medical circumstances, and concluding with a chapter on fluid calculation. The second edition has been fully revised to provide the latest information in the field, and features new topics including fluid choice in the perioperative period and surgery and stress response. Key points Fully revised, new edition presenting latest information on intravenous fluids in surgery Discusses different types of fluid and their application in different circumstances Second edition includes several new topics Previous edition (9789350903957) published in 2013

Handbook of Home Care IV Therapy

Venepuncture and cannulation are the most commonly performed invasive procedures in the UK, and are everyday procedures in health care practice. Venepuncture and Cannulation is a practical guide to these procedures. It assumes no prior knowledge and equips nurses and other health professionals with the clinical skills and knowledge they need in order to confidently perform venepuncture and cannulation in both hospital and community settings. Explores relevant anatomy and physiology Covers education and training, as well as legal and ethical issues Considers potential complications, and patient perspectives Provides guidance on the selection of the appropriate vein and equipment, and common blood tests

Body Fluid Management

Compact and easy to use, this handy reference focuses on the information you need to administer intravenous medications in critical care and emergency environments. Essential coverage of 48 of the most common and complex IV drugs, including drip rate calculation charts, drug calculation formulae, and much more help you safely and efficiently administer IV drugs. Fully updated coverage includes the newest IV treatments with magnesium, conivaptan, potassium, and nicardipine, helping you provide the most effective care possible. Current drug dosing charts for 48 of the most common, and most difficult to administer, intravenous infusion critical care drugs ensure that the information you need is readily available. Quick reference drug compatibility charts provide instant access to this crucial information. Drip Rates and Dosing information are arranged in tabular manner for each drug referenced in the text, allowing you to quickly prepare drugs in critical situations. A Drug Calculation Formulae section includes a list of the formulae most useful in determining IV drug concentration, doses, and infusion rates, helping you to eliminate memorization errors when calculating these important parameters. Calculation factors based on patient weight enable you to quickly change a patient’s infusion dose and titrate the drug to reduce the chance of medication errors. Nursing Considerations in each drug monograph offer practical information on administration and monitoring. Trade and generic drug name indexes help you find information quickly no matter what name is used. A handy reference to ACLS guidelines allows you to quickly see how infusion therapy fits into the ACLS protocol.

Policies and Procedures for Infusion Therapy

A new edition of the combination workbook, text, and pocket guide offering nurses a comprehensive procedural manual for I.V. therapeutics that incorporates theory applied to clinical situations. Phillips (nursing, Butte Community College) introduces the practice of intravenous therapy, the basic foundations for practice including parenteral solutions, infection control, and techniques, and discusses advanced practice in intravenous medications, central venous access devices, antineoplastic therapy, and nutritional support. The

volume features extensive appendices outlining physiology, laboratory reference values, guidelines, and resources. Includes illustrations, tables, and reference charts. Annotation copyrighted by Book News, Inc., Portland, OR

Practical Applications of Intravenous Fluids in Surgical Patients

I.V. Therapy Made Incredibly Easy makes administering I.V. therapy asnap. In this newest edition, nurses and other health professionals can review basics, including purpose, delivery methods, legal issues, standards, and documentation. Chapters cover peripheral and CV therapy, administration of I.V. medications (with considerations for pediatric, elderly, and home care patients), transfusion therapy, chemotherapy, and parenteral nutrition. The easy-to-read format includes light-hearted headings and illustrations to make learning fun. Bullets, checklists, graphics, and cartoon characters enhance each chapter, calling special attention to key facts. This new edition includes epidural drug administration, infection control, needleless devices, and expanded coverage of autotransfusion and hemipheresis.

Venepuncture and Cannulation

Intravenous Therapy is a concise, accessible guide to thebasic theory and practice of IV therapy. It focuses on elementaryprinciples, avoiding more specialist practice, in order to enablestudents and newly qualified nurses to effectively manage patientsundergoing IV treatment. · Contains essential information in an accessibleform · Presents the evidence base for best practice · Focuses on safe practice and patient care, managing risk andavoiding complications · Includes guidelines on drug administration and handling,fluid and blood transfusions · Explores the advantages and disadvantages of venous accessdevices Other books in the ‘Essential Clinical Skills forNurses’ series Monitoring the Critically Ill Patient P. Jevon and B. Ewens 0 632 05803 X ECGs for Nurses P. Jevon 0 632 05802 1

ESSENTIALS FOR NURSES ABOUT HOME INFUSION THERAPY

Critical Care Intravenous Infusion Drug Handbook - E-Book

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