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DIN EN ISO 15223-1/A1, Medizinprodukte - Bei Aufschriften von Medizinprodukten zu verwendende Symbole, Kennzeichnung und zu liefernde Informationen. Teil 1, Allgemeine Anforderungen (ISO 15223-1:2016) The ASQ Certified Medical Device Auditor Handbook Engineering Open-Source Medical Devices Encyclopaedia of Medical Physics YY/T 0616.1-2016: Translated English of Chinese Standard. (YYT 0616.1-2016, YY/T0616.1-2016, YYT0616.1-2016) Decontamination in Hospitals and Healthcare User Interface Requirements for Medical Devices YY/T 1291-2016: Translated English of Chinese Standard. (YYT 1291-2016, YY/T1291-2016, YYT1291-2016) YY 0585.1-2019: Translated English of Chinese Standard (YY 0585.1-2019, YY0585.1-2019) Applied Human Factors in Medical Device Design YY 0053-2016: Translated English of Chinese Standard. YY0053-2016 YY/T 0573.4-2020: Translated English of Chinese Standard (YYT0573.4-2020) Perioperative Nursing YY/T 1768.2-2021: Translated English of Chinese Standard (YY/T 1768.2-2021, YYT1768.2-2021) YY 0585.2-2019: Translated English of Chinese Standard (YY 0585.2-2019, YY0585.2-2019) Current List of Medical Literature Medical Devices and IVDs Electrical Product Compliance and Safety Engineering, Volume 2 Human Centred Intelligent Systems YY/T 0980.1-2016: Translated English of Chinese Standard. (YYT 0980.1-2016, YY/T0980.1-2016, YYT0980.1-2016) Concise Encyclopedia of Biomedical Polymers and Polymeric Biomaterials Medical Device Design Healthcare Technology Management - A Systematic Approach Statistical Abstract of the United States Summary of Savings Accounts by Geographic Areas, FSLIC-insured Savings and Loan Associations U.S. Exports Medical Devices County Business Patterns GB, GB/T, GBT Chinese Standard(English-translated version) - Catalog002 Perioperative Nursing - EBook-epub Scientific and Technical Aerospace Reports KWIC Index of Rock Mechanics Literature Recent Advances in Complex Functional Materials Construction Review Industries Without Smokestacks WHO Technical Specifications of Neonatal Resuscitation Devices Distributed Computing and Monitoring Technologies for Older Patients Shadow Banking Wallace's Year Book of Trotting and Pacing Annual Report 2016 - Institute for Nuclear Waste Disposal (KIT Scientific Reports ; 7743)

The WHO technical specifications for neonatal resuscitation devices were developed based on existing international standards evidence-based publications from reliable sources and field expert experience. For equipment without prior technical specifications recommendations were made based on a literature research depending on quality and significance of evidence. The purpose of WHO technical specifications for Neonatal resuscitation devices: is to provide a minimum standard baseline to meet the increasing demand to procure good quality affordable accessible and appropriate neonatal resuscitation devices. The specifications are intended to support policy-makers managers procurement officers manufacturers regulators and nongovernmental agencies especially in low- and middle-income countries to select procure use reprocess and decommission appropriate neonatal resuscitation equipment. The end goal is to save the children particularly in low-resource settings. Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database. This part of YY 0585 specifies the physical, chemical, and biological requirements for accessories used with pressure infusion equipment. This part applies to accessories for single-use sterile fluid lines and accessories for pressure infusion equipment specified in YY 0286.4, including: a) Two-way stopcock (2SC), three-way stopcock (3SC), four-way stopcock (4SC) and stopcocks manifold (SM); Note: The labelling of the stopcock depends on the number of connections. The number of possible functional positions can be indicated by the addition of a supplementary note, as expressed by a slash and the number of possible positions of the stopcock. For example, a 3/4-way stopcock means a three-way stopcock with 4 possible positions. b) Units with injection sites (UIS) or units with check valves (UCV); c) Stoppers (S) or adapters (A). This book focuses on the challenges and potentials of open source and collaborative design approaches and strategies in the biomedical field. It provides a comprehensive set of good practices and methods for making these safe, innovative and certifiable biomedical devices reach patients and provide successful solutions to healthcare issues. The chapters are sequenced to follow the complete lifecycle of open source medical technologies. The information provided is eminently practical, as it is supported by real cases of study, in which collaboration among medical professionals, engineers and technicians, patients and patient associations, policy makers, regulatory bodies, and citizens has proven beneficial. The book is also supported by an online infrastructure, UBORA, through which open-source medical devices can be collaboratively developed and shared for the democratization of medical technology and for promoting accessible biomedical engineering education. Decontamination in Hospitals and Healthcare, Second Edition, enables users to obtain detailed knowledge of decontamination practices in healthcare settings, including surfaces, devices, clothing and people, with a specific focus on hospitals and dental clinics. Offers in-depth coverage of all aspects of decontamination in healthcare Examines the decontamination of surgical equipment and endoscopes Expanded to include new information on behavioral principles in decontamination, control of microbiological problems, waterborne microorganisms, pseudomonas and the decontamination of laundry All English-translated Chinese codes are available at: www.codeofchina.com Includes section, "Recent book acquisitions" (varies: Recent United States publications) formerly published separately by the U.S. Army Medical Library. This second updated edition of the Encyclopaedia of Medical Physics contains over 3300 cross-referenced entries related to medical physics and associated technologies. The materials are supported by over 1300 figures and diagrams. The Encyclopaedia also includes over 600 synonyms, abbreviations and other linked entries. Featuring over 100 contributors who are specialists in their respective areas, the encyclopaedia describes new and existing methods and equipment in medical physics. This all-encompassing reference covers the key areas of x-ray diagnostic radiology, magnetic resonance imaging (MRI), nuclear medicine, ultrasound imaging, radiotherapy, radiation protection (both ionising and non-ionising) as well as related general terms. It has been updated throughout to include the newest technologies and developments in the field, such as proton radiotherapy, phase contrast imaging, multi-detector computed tomography, 3D/4D imaging, new clinical applications of various imaging modalities, and the relevant regulations regarding radiation protection and management. Features: Contains over 3300 entries with accompanying diagrams, images, formulas, further reading, and examples Covers both the classical and newest elements in medical imaging, radiotherapy, and radiation protection Discusses material at a level accessible to graduate and postgraduate students in medical physics and related disciplines as well as medical specialists and researchers Issues for 1955 accompanied by supplement: Construction volume and costs, 1915-1954. [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Part of YY/T 0616 specifies the requirements for the biological safety evaluation of medical gloves for single use, and gives the requirements for the labeling and disclosure of information for the test methods used. This Part applies to the biological safety evaluation of medical gloves for single use. This Part of YY/T 1768 specifies the requirements and test methods for single-use double-ended sterile needles. This Part applies to needles used in conjunction with the needle-based injection system (NIS) of YY/T 1768.1. This Part does not apply to dental needles, prefilled injection needles, needles pre-assembled by the manufacturer, and needles that do not require assembly or connection to the NIS. Perioperative Nursing 2e has been written by local leaders in perioperative nursing and continues to deliver a contemporary, practical text for Australian and New Zealand perioperative nurses. Appropriate for nursing students and graduates entering the perioperative environment, Perioperative Nursing, 2e offers a sound foundational knowledge base to underpin a perioperative nursing career. This unique text will also be of value to those undertaking postgraduate perioperative studies, as well as to more experienced perioperative nurses seeking to refresh their knowledge or expand their nursing practice. This essential title examines the roles and responsibilities of nurses working within a perioperative environment, providing an overview of key concepts in perioperative care. The scope of this book addresses anaesthetic, intraoperative and postanaesthetic recovery care, as well as day surgery and evolving perioperative practices and environments. Research boxes where appropriate Feature boxes on special populations, such as paediatric, geriatric and bariatric patients Emphasis is placed on the concept of the patient journey, working within interprofessional teams, communication, teamwork, patient and staff safety, risk management strategies and medico-legal considerations. Now endorsed by ACORN Aligns with the 2016 ACORN and PNC NZNO Standards Reflects the latest national and international standards, including the NSQHS Standards, the new NMBA Standards for Practice for Registered and Enrolled Nurses and the WHO Surgical Safety Checklist Includes two new chapters: The perioperative team and interdisciplinary collaboration and Perioperative patient safety Supporting online resources are available on evolve. The ASQ Certified Medical Device Auditor Handbook (formerly The Biomedical Quality Auditor Handbook) was developed by the ASQ Medical Device Division (formerly Biomedical Division) in support of its mission to promote the awareness and use of quality principles, concepts, and technologies in the medical device community. It principally serves as a resource to candidates preparing for the Certified Medical Device Auditor (CMDA) certification exam. The fourth edition of this handbook has been reorganized to align with the 2020 certification exam Body of Knowledge (BoK) and reference list. The combination of this handbook with other reference materials can provide a well-rounded background in medical device auditing. Updates to this edition include: • A discussion of data privacy, data integrity principles, and the Medical Device Single Audit Program (MDSAP) • Current information about federal and international regulations • New content regarding human factors and usability engineering, general safety and performance requirements, labeling, validation, risk management, and cybersecurity considerations • A thorough explanation of quality tools and techniques This part of YY 0585 specifies the physical, chemical, and biological requirements for single-use sterile fluid lines for pressure infusion equipment. This part applies to single-use sterile fluid lines for pressure infusion equipment with a maximum pressure of 200 kPa, including: a) Syringe pump lines (SPL); b) Connecting lines (CL); c) Lines integrated with the injection cannula (LIC). Perioperative Nursing, An Introduction 3rd edition provides a solid foundation for both undergraduate and post-graduate students, and novice perioperative nurses embarking on their career. Presented in two sections: Professional Practice and Clinical Practice, the text provides an overview of the key concepts, challenges and scope of practice across a range of perioperative environments including: anaesthetics, intraoperative and postanaesthetic recovery care, day surgery and evolving perioperative practices outside of hospital settings. New patient scenarios woven through the text provide the context for the reader to engage in reflective thinking on the patient journey and place the novice practitioner ‘into the workplace’ to exemplify practice points, rationales and clinical decision making. Underpinned with the most recent evidence-based practice, research, standards and guidelines, this highly respected text continues to be an indispensable resource for perioperative nurses. Local and international contributors provide wide and diverse expertise on contemporary perioperative practice, research, and standards. Learning objectives, critical thinking exercises and research boxes connect nursing theory to nursing practice Key concepts and scope of practice across a range of perioperative environments Full colour illustrations An eBook included in all print purchases Additional resources on Evolve eBook on VitalSource Instructor resources: Answer guide for case studies Answer guide for critical thinking exercises Image collection Self-assessment questions and answers Student and Instructor resources: Case studies Critical thinking exercises Further readings Glossary Weblinks Aligned to the 2020 ACORN Standards Engaging patient scenarios woven through the text, include patient histories and indications for surgery Information on managing surgery during pandemics, including COVID 19 Details of the extended roles available in perioperative practice [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the technical requirements for haemodialysers, haemodiafilters, haemofilters and haemoconcenrators used for human body; the instruments involved in this document indicate the above-mentioned products. KWIC Index of Rock Mechanics Literature, Part 2: 1969-1976 is an index of subjects in rock mechanics. The KWIC (keyword-in-context) index is produced by cyclic permutation of significant words in the title of the publication. The text covers materials in rock mechanics and geomechanics published around the 70s. The book will be of great use to students, researchers, and practitioners of geological sciences. In this book we explore new approaches to understanding the physical and chemical properties of emergent complex functional materials, revealing a close relationship between their structures and properties at the molecular level. The primary focus of this book is on the ability to synthesize materials with a controlled chemical composition, a crystallographic structure, and a well-defined morphology. Special attention is also given to the interplay of theory, simulation and experimental results, in order to interconnect theoretical knowledge and experimental approaches, which can reveal new scientific and technological directions in several fields, expanding the versatility to yield a variety of new complex materials with desirable applications and functions. Some of the challenges and opportunities in this field are also discussed, targeting the development of new emergent complex functional materials with tailored properties to solve problems related to renewable energy, health, and environmental sustainability. A more fundamental understanding of the physical and chemical properties of new emergent complex functional materials is essential to achieving more substantial progress in a number of technological fields. With this goal in mind, the editors invited acknowledged specialists to contribute chapters covering a broad range of disciplines. The volume includes papers presented at the International KES Conference on Human Centred Intelligent Systems 2022 (KES HCIS 2022), held in Rhodes, Greece on June 20–22, 2022. This book highlights new trends and challenges in intelligent systems, which play an important part in the digital transformation of many areas of science and practice. It includes papers offering a deeper understanding of the human-centred perspective on artificial intelligence, of intelligent value co-creation, ethics, value-oriented digital models, transparency, and intelligent digital architectures and engineering to support digital services and intelligent systems, the transformation of structures in digital businesses and intelligent systems based on human practices, as well as the study of interaction and the co-adaptation of humans and systems. The Concise Encyclopedia of Biomedical Polymers and Polymeric Biomaterials presents new and selected content from the 11-volume Biomedical Polymers and Polymeric Biomaterials Encyclopedia. The carefully culled content includes groundbreaking work from the earlier published work as well as exclusive online material added since its publication in print. A diverse and global team of renowned scientists provide cutting edge information concerning polymers and polymeric biomaterials. Acknowledging the evolving nature of the field, the encyclopedia also features newly added content in areas such as tissue engineering, tissue repair and reconstruction, and biomimetic materials. Shadow banking – a system of credit creation outside traditional banks – lies at the very heart of the global economy. It accounts for over half of global banking assets, and represents a third of the global financial system. Although the term ‘shadow banking’ only entered public discourse in 2007, the importance and scope of this system is now widely recognised by the international policy-makers. There is, however, much less consensus on the origins of the shadow banking system, what role it plays in global political economy and the optimal approach to regulating this complex segment of finance. This volume addresses these questions. Shadow Banking is the first study to bring together the insights from financial regulators, practitioners and academics from across the social sciences. The first part traces the evolution and ongoing confusion about the meaning of ‘shadow banking’. The second section draws major lessons about shadow banking as posed by the financial crisis of 2007–09, providing comparative analyses in the US and Europe, and attempts to establish why shadow banking has emerged and matured to the level of a de facto parallel financial system. Finally, the third part goes beyond current regulatory concerns about shadow banking and explains why it is ‘here to stay’. This volume is of great importance to political economy, banking and international political economy. This book provides caregivers and administrators with high-quality support for strategic decision making in the selection and use of medical devices so as to ensure value optimization. Medical treatment is increasingly complex, with wide application of medical devices and corresponding involvement of physics and engineering. A multidisciplinary methodology that brings together expertise from key disciplines in a holistic, system-oriented approach is essential in controlling this complexity and further improving health care. This book will help readers to understand the design, validation, and application of medical devices and the standards and regulations that apply to them across the world. In addition, it provides technical, operational, and economic perspectives on their use. The relevance of concepts such as expenditure optimization and sustainability to medical device technology is explained and healthcare reimbursement systems are discussed from different points of view. Readers will gain a clear appreciation of the managerial and economic implications of the use of medical devices and how to get the most out of them. Academic research, industrial experiences, and case studies are presented as appropriate. This book summarizes various approaches for the automatic detection of health threats to older patients at home living alone. The text begins by briefly describing those who would most benefit from healthcare supervision. The book then summarizes possible scenarios for monitoring an older patient at home, deriving the common functional requirements for monitoring technology. Next, the work identifies the state of the art of technological monitoring approaches that are practically applicable to geriatric patients. A survey is presented on a range of such interdisciplinary fields as smart homes, telemonitoring, ambient intelligence, ambient assisted living, gerontechnology, and aging-in-place technology. The book discusses relevant experimental studies, highlighting the application of sensor fusion, signal processing and machine learning techniques. Finally, the text discusses future challenges, offering a number of suggestions for further research directions. A study prepared by the United Nations University World Institute for Development Economics Research (UNU-WIDER) [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This part of YY/T 0573 specifies the terms and definitions, naming and classification, physical requirements, chemical requirements, biological requirements, packaging, markings, etc. of sterile hypodermic syringes for single use (hereinafter referred to as syringes) with re-use prevention features. Medical Device Design: Innovation from Concept to Market, Second Edition provides the bridge between engineering design and medical device development. There is no single text that addresses the plethora of design issues a medical devices designer meets when developing new products or improving older ones; this book fills that need. It addresses medical devices' regulatory (FDA and EU) requirements, shows the essential methodologies medical designers must understand to ensure their products meet requirements, and brings together proven design protocols, thus enabling engineers and medical device manufacturers to rapidly bring new products to the marketplace. This book is unique because it takes the reader through the process of medical device development, from very early stages of conceptualization, to commercialization on the global market. This rare resource can be used by both professionals and newcomers to device design. Provides a reference to standards and regulations that have been updated, including ISO 13485:2016, FDA regulations and the European Medical Device Regulation Includes new case studies in the areas of classifying medical devices, the design process, quality, labeling, instructions for use, and more Presents additional content around software and biocompatibility concerns [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the requirements for the subcutaneous infusion set for use with insulin pump that consists of interface, piping, piercing assembly. This product is a single use sterile product. This Standard does not include the requirements for insulin-filled devices (e.g., drug reservoirs, pre-filled cassette bottles) in insulin pumps. Healthcare Technology Management: A Systematic Approach offers a comprehensive description of a method for providing safe and cost effective healthcare technology management (HTM). The approach is directed to enhancing the value (benefit in relation to cost) of the medical equipment assets of healthcare organizations to best support patients, clinicians and other care providers, as well as financial stakeholders. The authors propose a management model based on interlinked strategic and operational quality cycles which, when fully realized, delivers a comprehensive and transparent methodology for implementing a HTM programme throughout a healthcare organization. The approach proposes that HTM extends beyond managing the technology in isolation to include advancing patient care through supporting the application of the technology. The book shows how to cost effectively manage medical equipment through its full life cycle, from acquisition through operational use to disposal, and to advance care, adding value to the medical equipment assets for the benefit of patients and stakeholders. This book will be of interest to practicing clinical engineers and to students and lecturers, and includes self-directed learning questions and case studies. Clinicians, Chief Executive Officers, Directors of Finance and other hospital managers with responsibility for the governance of medical equipment will also find this book of interest and value. For more information about the book, please visit the website. Applied Human Factors in Medical Device Design describes the contents of a human factors toolbox with in-depth descriptions of both empirical and analytical methodologies. The book begins with an overview of the design control process, integrating human factors as directed by AAMI TIR 59 and experienced practice. It then explains each method, describing why each method is important, its potential impact, when it's ideal to use, and related challenges. Also discussed are other barriers, such as communication breakdowns between users and design teams. This book is an excellent reference for professionals working in human factors, design, engineering, marketing and regulation. Focuses on meeting agency requirements as it pertains to the application of human factors in the medical device development process in both the US and the European Union (EU) Explains technology development and the application of human factors throughout the development process Covers FDA and MHRA regulations Includes case examples with each method This book is a practical guide for individuals responsible for creating products that are safe, effective, usable, and satisfying in the hands of the intended users. The contents are intended to reduce the number of use errors involving medical devices that have led to injuries and deaths. The book presents the strong connection between user interface requirements and risk management for medical devices and instructs readers how to develop specific requirements that are sufficiently comprehensive and detailed to produce good results – a user-friendly product that is likely to be used correctly. The book’s tutorial content is complemented by many real-world examples of user interface requirements, including ones pertaining to an inhaler, automated external defibrillator, medical robot, and mobile app that a patient might use to manage her diabetes. The book is intended for people representing a variety of product development disciplines who have responsibility for producing safe, effective, usable, and satisfying medical devices, including those who are studying or working in human factors engineering, psychology, mechanical engineering, biomedical engineering, systems engineering, software programming, technical writing, industrial design, graphic design, and regulatory affairs. With this book, you get a really complete seminar for the new Regulations on medical devices and IVDs in the EU, ready at hand, at any time. These EU regulations create new rules for medical technology and laboratory diagnostics in Europe. Concise regulatory know-how is now required to keep or reposition medical devices and in vitro diagnostics on the European market, from syringes, contact lenses, medical device apps, pregnancy tests, nuclear magnetic resonance tomography to cancer tests, genetic diagnostics, HIV tests, hip implants, heart catheters, artificial spinal discs, stents and pacemakers. Concise regulatory training and further education of employees in companies and health care facilities is the order of the day. This also applies to biomedical and medical technology students at universities of applied sciences and biomedical universities, start-ups and spin-offs, who must make use of this know-how from the initial product idea through the further stages of product development to market access. The book provides a thorough, compact course on the new regulations, starting with perfect overview and easy navigation and going into depth where you need it: this book will make you fit and confident for the new European challenges! [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Part of YY/T 0980 specifies the general requirements of biopsy needle for single use. This Part is applicable to the biopsy needle for single use for sample collection of living tissue for inspection.

This Part is not applicable to biopsy needle for repeated use, and the mechanical power device connected with the biopsy needle by means of assembly.