

编号: **YY015-20230109001**

标题: Medical Product Alert N°8/2022: Substandard (contaminated) METHOTREX 50mg

简介: When I started work as an FY1, I was prepared for my job to be stressful and full-on. I had a good idea of the day-to-day job of a junior doctor from my experience as a medical student. However, I was uncertain of what to expect out of hours. I knew it would be busy at night, with fewer staff to cover wards, but I was surprised to discover the absence of any adequate food options or rest facilities when it came to taking my break at night.

全文链接: [https://www.who.int/news/item/27-12-2022-medical-product-alert-n-8-2022-substandard-\(contaminated\)-methotrex](https://www.who.int/news/item/27-12-2022-medical-product-alert-n-8-2022-substandard-(contaminated)-methotrex)

编号: **YY015-20230109002**

标题: Patent Issued for Sealed control panel for medical equipment (USPTO 11317894)

简介: News editors obtained the following quote from the background information supplied by the inventors: "The present disclosure relates generally to operator control interfaces and more specifically to methods and apparatus for a sealed control panel for example for use with medical diagnostic equipment. "Control panels designed for use with medical diagnostic equipment (e.g., ultrasound systems) are generally designed so users can locate user controls by touch. This allows the user to focus on the image and the patient rather than on trying to locate buttons on the control panel. However, existing control panels with tactile controls may have certain shortcomings.

全文链接: https://pan.ckcest.cn/rcservice//doc?doc_id=109809

编号: **YY015-20230109003**

标题: Medical Equipment Maintenance Management System: Review and Analysis

简介: Maintenance management is an orderly and systematic approach for planning, organizing, monitoring, and evaluating maintenance activities and their costs. A good maintenance management system coupled with knowledgeable and capable maintenance staff can prevent health and safety problems and environmental damage; yield longer asset life with fewer breakdowns; and result in lower operating costs and a higher quality of life. The medical equipment maintenance could be either preventive or corrective. The medical equipment management professionals ensure that equipment used in the patients care is operational, safe, and properly configured to meet the mission of the medical treatment facility and continue to function effectively in a good working condition. For example, proper maintenance can extend the life of equipment. This is essential for providing good health services and saving the scarce resources. A comprehensive review on the subject of medical device maintenance management system has been done to give an overview of the development of this system in the hospitals and to shine what could be enhanced and improved in this system to promote the patient healthcare.

全文链接: https://pan.ckcest.cn/rcservice//doc?doc_id=109810

编号: **YY015-20230109004**

标题: Adoption of large-scale medical equipment: the impact of competition in the German inpatient sector

简介: The availability of large-scale medical equipment such as computed tomography (CT), magnet resonance imaging (MRI) and positron emission tomography (PET) scanners has

increased rapidly worldwide over the last decades. Among OECD countries, Germany ranks high according to the number of imaging technologies and their applications per inhabitant. In contrast to other countries, there is no active governmental planning of large-scale medical equipment. We therefore investigated whether and how the adoption and distribution of CT, MRI and PET scanners in the German inpatient sector is subject to competition. Using a linear-probability model, we additionally examined the impact of regional, hospital- and population-based factors. In summary, our results indicate that the adoption rate by hospital sites decreases with the number of other sites being already equipped with the respective device and their proximity. However, the effect presumably depends on the technologies' stage within the diffusion process. No influence regarding the amount of state subsidies could be identified. Furthermore, hospital size and university status strongly affect the adoption.

全文链接: https://pan.ckcest.cn/rcservice//doc?doc_id=109811

编号: **YY015-20230109005**

标题: Rapid Review of the Application of Usability Techniques in Medical Equipment

简介: The application of usability techniques in health care establishments has the potential to identify, analyze and implement improvements to reduce adverse events and increase patient safety and reliability in technological health processes. Due to the increase in technologies in health care establishments and its use in the prevention, diagnosis and treatment of various diseases, the Health Technology Management process consists of an extremely effective approach to clinical engineering. A rapid review of the usability techniques application in medical equipment was performed to look for the evidence available in the literature and thereby contribute to developers, manufacturers, health professionals, technology managers and other actors in the technological process of applying usability concepts in medical equipment. The research was performed through searches in scientific databases. A total of 31 studies were selected in which various usability techniques were applied, the most frequent being questionnaires and usability tests. The medical equipment in which they were most studied were infusion pumps, pulmonary ventilator and defibrillator. With this research it was possible to present main studies current panorama and to show the importance of applying usability techniques in medical equipment, to demonstrate the relevance of bringing the clinical and technical area closer in the processes involving health technologies, in addition to discuss the main ones considerations of the implementations of the techniques in order to reduce the risks of using the technologies in the health units and thereby improve patient safety.

全文链接: https://pan.ckcest.cn/rcservice//doc?doc_id=109812

编号: **YY015-20230109006**

标题: Implementation of a Medical Equipment Inventory at a Regional Healthcare System in Greece

简介: Modern medicine is highly dependent on recent developments in new diagnostic and therapeutic methods, techniques and equipment. An inventory of all existing medical equipment is essential to have a clear picture of the technology in use. INBIT undertook a project to create a regional-wide medical equipment inventory of all 85 medical centers belonging to the of the 2nd Regional Health Authority (RHA), most of them at Aegean Sea islands. Since the validity of the final project's results mostly depends on data integrity and uniformity, two points are very critical: the

methodology of registration and the use of correct codification and nomenclature. To this scope, parameters such as resources, inventory protocol, codification, and uniformity of the data, along with the adequate software tools to be used were designed and planned. Data to register included the manufacturer, model, serial number, medical device (MD) group, year of put in service, way of procurement, place that it is used/installed etc. A working team of nine biomedical engineers was formed with a specific and clear protocol on the procedure to be followed, with emphasis on the assignment of each device to the correct MD group. Additionally, given that equipment can be found anywhere in the medical centers, the cooperation of the healthcare staff was very crucial. Finally, since the inventory is dynamic, the establishment of update procedures has been designed and prepared and local staff was trained to keep up the inventory alive. The results were delivered to each healthcare unit and to the RHA authorities in an electronic form and uploaded to the web-Praxis medical equipment management system (MEMS), ready for implementation after user training.

全文链接: https://pan.ckcest.cn/rcservice//doc?doc_id=109813