Abstract

Medical devices and equipment have become very complex and are expected to operate under stringent environments. Equipment's should be properly maintained in order to fulfil their objectives. The signs of equipment's failure may not be apparent to clinical staff. Therefore they should be inspected periodically. Scheduled inspections help ensure the safety and efficacy of the medical equipment. A software tool is developed to implement a risk oriented prioritization of devices for equipment maintenance. First establishing an effective, efficient Computerized Preventive Maintenance Management System, collecting the data of equipments in laboratories and implement them to the system. The reports based on the inspection results, help determining a better maintenance's schedule.
References

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Index Terms

Computer Science

Information Sciences

Keywords

Preventive Maintenance (PM)   Inspection Preventive Maintenance (IPM)
Computerized Maintenance Management System (CMMS)

World Health Organization (WHO)

Joint Commission on Accreditation of Healthcare Organizations (JCAHO)

Graphical User Interface (GUI)

Log Book.