

Construction and effect evaluation of Da Vinci Xi robotic arm information management system based on bar

INTRODUCTION

HIGH ACCURACY

HIGH EFFICIENCY

HIGH CONVENIENT

LOW COST

•HIGH ACCURACY

Original method: Manual counting is easy to miss and remember more
Current method: Electronic counting is more accurate and zero error

设计合理有效的达芬奇手术器械灭菌包标签显得尤为必要



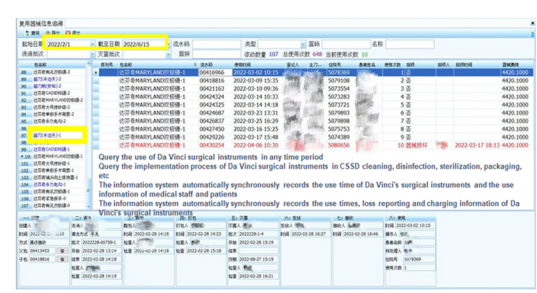
•HIGH EFFICIENCY

Accurate data analysis has led to a significant increase in the monthly use rate of sets of Da Vinci endowrist

	日均管理花费时间 Average Daily Management Time	月盘点花费时间 Monthly Counting Time
2021年1-6月	22.50±2.65	185±10.54
2022年1-6月	16.26±1.61	95.33±8.02

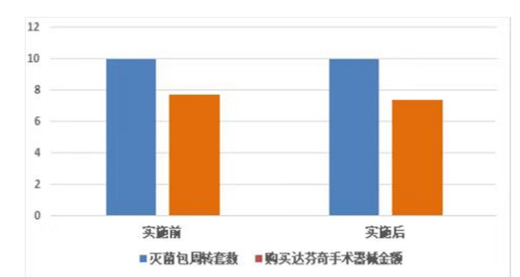
•HIGH CONVENIENT


This system can view the information of the endowrist from warehousing、cleaning、disinfection、sterilization、use、charging、quality traceability and other information in real time and quickly, and generate the life cycle management records of Da Vinci endowrist with one click.



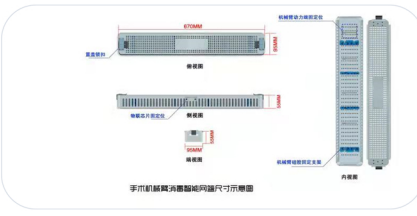
•LOW COST

During the use of the system, The number of sets of Da Vinciendowrist to be purchased in the operating room every month is reduced, Significant reduction in expenditure costs, Save costs for hospitals





THE SYSTEM AUTOMATICALLY GENERATES BARCODE, INCLUDING VARIOUS DATA INFORMATION OF THE ENDOWRIST



STERILE ENDOWRIST BOX WITH RFID TECHNOLOGY USED WITH THE SYSTEM



THE SYSTEM HAS OBTAINED THE OF CHINESE COMPUTER SOFTWARE



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