Ensuring Accuracy in Healthcare

The healthcare industry is riddled with errors, and it’s crucial that germs are minimized in the environment. Doctors and nurses have a great responsibility of holding patients’ lives in their hands. Even though they have heavy workloads and long working hours, human errors are unacceptable. In addition, counterfeit medicines are becoming an increasingly serious problem. It is challenging to keep medical records up-to-date and maintained at all times, any wrong data leads to serious consequences for the patient – patients can easily be given fake drugs or repeated dosages of medicine.

Addressing these challenges in the healthcare environment, CipherLab’s antimicrobial protection series has Microban® antimicrobial technology built into the product itself; it is an integral part of the device that will not wear off during its lifetime. The antimicrobial treatment minimizes the presence of microbes by interrupting their lifecycle and stopping the reproduction of bacteria. In addition to the antimicrobial treatment, these devices also come with a disinfectant-friendly white housing that allows the antimicrobial treated surface to withstand repeated alcohol cleaning.

In addition to the antimicrobial series, all CipherLab scanners and mobile computers can help minimize medical errors by allowing repeatable quick and accurate data capture. Furthermore, eliminating paperwork also eases the workload for caregivers. To address the issue of counterfeit medicines, AIDC devices help by allowing rapid identification and reporting of suspicious counterfeit drugs. With CipherLab handheld scanners and mobile computers, caregivers can rest assured that the information they have is correct.

CipherLab is committed to providing excellent AIDC products that address the needs of the healthcare industry. With the implementation of CipherLab devices in the healthcare setting, productivity and efficiency are improved, and the best care is assured.
Ensuring Accuracy in Healthcare

The healthcare industry is known for its rigorous standards, and it's crucial that errors are minimized in this environment. Doctors and nurses have a great responsibility of handling patients' lives in their hands. Even though they have heavy workloads and long working hours, human errors are unacceptable. In addition, counterfeit medicines are becoming an increasingly serious problem. It's challenging to keep medical records up-to-date and maintained all the time. Any wrong data can have serious consequences for the patient: patients can easily be given fake drugs or repeated dosages of medicine.

Addressing these challenges in the healthcare environment, CipherLab’s antimicrobial protection series, the Microban® antimicrobial technology, is an essential part of the devices that will not wear off during its lifetime. The additional treatment minimizes the presence of microbes by interrupting the lifecycle and stopping the reproduction of bacteria. In addition to the antimicrobial treatment, these devices also come with a disinfectant-friendly white housing that allows the antimicrobial treated surface to withstand repeated alcohol cleaning.

In addition to the antimicrobial series, all CipherLab scanners and mobile computers can help minimize medical errors by eliminating paperwork that can suffer from mistakes and easily get misplaced. Furthermore, eliminating paperwork also eases the workload for caregivers. To address the issue of counterfeit medicines, AIDC devices help by allowing rapid identification and reporting suspicious counterfeit drugs. With CipherLab handheld scanners and mobile computers, caregivers can rest assured that the information they have is correct.

CipherLab is committed to providing excellent AIDC products that address the needs of the healthcare industry. With the implementation of CipherLab devices in the healthcare setting, productivity and efficiency are improved, and the best care is assured.
Applications

Patient identification

If patients and staff in the hospital do check-in or in a consulting room, they receive a barcode with the personal information that is entered in the hospital information system (HIS). The patient information in the system is essential in identifying the patient and matching them with the treatment, medication, or even operation. As patients move through the hospital system, this information is stored electronically. When patients arrive at the hospital, the check-in counter or in a consulting room, a token with a barcode is given to the patient to verify their identity. A barcode is then attached to the patient’s wristband to verify the patient’s personal information. A barcode is then scanned to update the HIS. Handheld scanners and mobile computers help ensure that the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

Dispensing Medications

When patients come for the first time, doctors can pull up complete medical histories of them by scanning the barcodes on their medical records. Doctors can easily update diagnoses and prescribe medication in the system. After the doctor has seen the patient, the patient is given a medication slip to take to the pharmacy. Staff in the pharmacy can immediately see the real-time information, allowing them to confirm the patient’s medication history and any allergy issues during discharge. This ensures that the correct medication is given to the correct patient exactly as the doctor prescribed.

Medical Supplies Inventory

Traditionally, the manual tracking of medical supplies through paper tracking systems is a very tedious and time-consuming task. As a result, not only has the management of the intraocular lenses been challenging, but also the process of invoicing and payment has been complicated. After the Czech Republic made the transition to a capitated payment, medical insurers in the Czech Republic asked medical patients by mailing changes on hand-written forms and spreadsheet-based systems. With the implementation of the Cipherlab 9671, the system is now correctly documented with a single order. The agent can be managed by the MRI, and the patient information is now correctly documented with a single order. The agent can improve the speed of invoicing and streamline the process. The implementation of the 9671, the system is now correctly documented with a single order. The agent can improve the speed of invoicing and streamline the process.

Point of Care

Keeping accurate patient records regarding symptoms, medication, and progress is important to ensure the patient gets the best and appropriate care. Especially during peak season, there are many temporary and substitute nursing staff who are not familiar with the patient’s condition. A medical chart with a Bluetooth scanner or a mobile computer gives them access to patients’ medical charts in the best possible way. The 1500H provides an electronic chart to the nurses for the best possible care. The 1500H provides an electronic chart to the nurses for the best possible care.

Test Result Tracking

The 1500H provides an extensive range of scanners that can scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then attached to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

8400 Mobile Computer

The 8400 understands that healthcare providers need to scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

Smart Solutions - Great Benefits

Dispersing Medications

When patients come for the first time, doctors can pull up complete medical histories of them by scanning the barcodes on their medical records. Doctors can easily update diagnoses and prescribe medication in the system. After the doctor has seen the patient, the patient is given a medication slip to take to the pharmacy. Staff in the pharmacy can immediately see the real-time information, allowing them to confirm the patient’s medication history and any allergy issues during discharge. This ensures that the correct medication is given to the correct patient exactly as the doctor prescribed.

Point of Care

Keeping accurate patient records regarding symptoms, medication, and progress is important to ensure the patient gets the best and appropriate care. Especially during peak season, there are many temporary and substitute nursing staff who are not familiar with the patient’s condition. A medical chart with a Bluetooth scanner or a mobile computer gives them access to patients’ medical charts in the best possible way. The 1500H provides an electronic chart to the nurses for the best possible care. The 1500H provides an electronic chart to the nurses for the best possible care.

Test Result Tracking

The 1500H provides an extensive range of scanners that can scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

8400 Mobile Computer

The 8400 understands that healthcare providers need to scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

Ensuring Patient Safety

In the hospital, there are many temporary and substitute nursing staff who are not familiar with the patient’s condition. A medical chart with a Bluetooth scanner or a mobile computer gives them access to patients’ medical charts in the best possible way. The 1500H provides an electronic chart to the nurses for the best possible care. The 1500H provides an electronic chart to the nurses for the best possible care.

Test Result Tracking

The 1500H provides an extensive range of scanners that can scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

8400 Mobile Computer

The 8400 understands that healthcare providers need to scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

Test Result Tracking

The 1500H provides an extensive range of scanners that can scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

8400 Mobile Computer

The 8400 understands that healthcare providers need to scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.

Test Result Tracking

The 1500H provides an extensive range of scanners that can scan the barcodes on the patient’s wristbands to retrieve the patient’s personal information. A barcode is then scanned that attaches to the tube, which allows technicians to scan the barcodes and ensure the information on the tube matches with the check-up sheet. Then the analysis result is updated to the HIS. The 1500H handheld scanners and mobile computers help automate errors from manual data entry and accelerate record management.
smart solutions
Great benefits
Keeping Costs Down
Great Benefits
Ensuring Patient Safety and Streamlining Inventory Management


disposing medications

patient identification

applications

Test Result Tracking

Point of Care

Medica supplies inventory

Extending Your Applications

CPL 100056 Healthcare EN inside H29.3xW20.5x20.5x20.4cm(H29.3xW61.4cm)
Applications

Patient identification
When patients arrive at the hospital, the check-in counter or in a consulting room, they receive a barcode with their personal information that is scanned at the hospital registration point. The patient information in the system is essential in identifying the patient and matching them with their treatment, medication, or even operation. As patients move through the hospital system, they may come through the hospital system.

Dispensing Medications
When patients come for the initial consultation, they will get complete medical data of them by scanning the barcodes on their medical records. Doctors can easily update diagnoses and prescribe medication in the system. After the doctor has seen the patient, the patient gives a medication slip to take to the pharmacy. Staff at the pharmacy can immediately see the real-time information, allowing them to check the patient’s medication history and prevent any possible drug interactions. This ensures that the correct medication is given to the right patient exactly as the doctor prescribed.

460 Mobile Computer
The 460 has the optional capability of reading 2D barcodes that used on the packaging by many pharmaceutical companies. With the larger memory on board, the 460 provides the capacity to access the barcodes for future orders. The 460 window provides great visibility, which requires the typing task to ease to new staff.

8001H Mobile Computer
The 8001H has been designed to be a robust, lightweight, and compact solution for hospitals. Its powerful battery allows continuous operation for up to 8 hours. It offers a built-in Bluetooth interface for wireless communication, allowing healthcare professionals to manage patient information directly from the device without having to use a computer. With its large display and bright LED backlit keypad, it provides great visibility for healthcare workers, even in the dimmest wards. WiFi allows mobile caregivers to transmit data to the mainframe immediately after they dispense medicines.

Test Result Tracking
The big display and bright LED backlit keypad help confirm data capture even in the dimmest wards. WiFi allows mobile caregivers to transmit data to the mainframe immediately after they dispense medicines.

930 Mobile Computer
The 930 provides 15 or 20 readers for different applications. It is also a 15 or 20 inch display, suitable for dispensing medications. With its ability to read 2D barcodes, the 930 provides maximum productivity, even after shift.

Medical Supplies Inventory
Traditionally, the manual forms took up to 30 minutes to complete, and the process of looking up the information was time-consuming. After the implementation of the 9671, the system can instantly update into the system and save time cost reduction for the nursing staff, which has resulted in patient safety being safeguarded and inventory cost has been greatly reduced.

Ensuring Patient Safety and Streamlining Inventory Management
After the Czech Republic made the transition to a capital billing, nursing homes in the Czech Republic billed patients by mailing invoices on handwritten forms instead of spreadsheet-based systems. After the Czech Republic made the transition to capital billing, nursing homes in the Czech Republic continued to send handwritten forms instead of spreadsheet-based systems. After the Czech Republic made the transition to capital billing, nursing homes in the Czech Republic billed patients by mailing invoices on handwritten forms instead of spreadsheet-based systems. After the Czech Republic made the transition to capital billing, nursing homes in the Czech Republic billed patients by mailing invoices on handwritten forms instead of spreadsheet-based systems. After the Czech Republic made the transition to capital billing, nursing homes in the Czech Republic billed patients by mailing invoices on handwritten forms instead of spreadsheet-based systems. After the Czech Republic made the transition to capital billing, nursing homes in the Czech Republic billed patients by mailing invoices on handwritten forms instead of spreadsheet-based systems.
Ensuring Accuracy in Healthcare

The healthcare industry is prone to various challenges; one of the most crucial challenges is the accurate and timely documentation of patient information. Doctors and nurses have a great responsibility of carrying out their duties with utmost care. However, even though they have heavy workloads and long working hours, human errors are unavoidable. In addition, outdated practices can lead to serious consequences. To address these challenges, CipherLab has developed a range of AIDC products designed to minimize errors in healthcare environments.

The CipherLab antimicrobial protection series is equipped with Microban® antimicrobial technology, which eliminates bacteria on the surface of the device. This ensures that medical records are kept accurate and up-to-date at all times, reducing the risk of human error in patient care.

In addition to the antimicrobial protection, CipherLab devices feature user-friendly interfaces and easy-to-read backlit LCD screens, allowing healthcare professionals to quickly and accurately capture patient data. With CipherLab’s handheld scanners and mobile computers, caregivers can rest assured that the information they have is accurate.

CipherLab is committed to providing excellent AIDC products that address the needs of the healthcare industry. By implementing CipherLab devices in the healthcare setting, productivity and efficiency are improved, and the best care is assured.

Other Recommended Products

1000
- Supports high density 1D barcode
- Reliability performance with 5-year warranty
- Contact scanning to ensure accurate data capture even with closely printed barcodes
- Built with TPU rubber boot to ensure comfortable usage

8200
- Up to 100 hours of operation in batch mode
- Supports 1D and 2D barcodes
- Exposable memory with Micro SDHC slot
- User-friendly interface and easy-to-read backlit LCD screen

9600
- Supports 1D and 2D barcodes
- Optional 3G or WiFi with SIM card
- Optional Bluetooth and camera
- Built with IP64 and capable of surviving 1.5 m repeated drops onto concrete

CipherLab is dedicated to providing accurate and reliable data capture solutions for healthcare applications.