



## Tottori University Hospital

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<http://www2.hosp.med.tottori-u.ac.jp>

Established: April, 1951

Number of beds: 697



### 【Point of application】

- Blood Sugar levels Measurement Systems
- Electrical Medical Records

Device : AsReader® ASX-100R / ASX-510R  
Install date: Jan. 2014

This case study was based on the information available on July 2015



Chief of Nursing

Ms. Nakamura

Information & Technology

Ms. Nishikawa

In 2003, the electrical medical record system was installed and has been updated continuously. AsReader® devices were integrated in 2014 to add support to 1,500 computers. By utilizing the functionality of the iPod touch®, in conjunction with the blood sugar levels measurement system, nursing efficiency has improved greatly.

## AsReader® increased the efficiency of blood sugar levels measurement systems!



### Problems

- In the past, expensive PDAs were used to support laptop computers. Because they were heavy-weight and not-user-friendly, the PDAs were inefficient and ineffective.
- Although the blood sugar levels measurement and electrical medical record systems are both based on using the iPod touch®, there were problems with using the iPod touch® camera to scan barcodes on wristbands, medicines, and machines. At times barcodes weren't recognized or couldn't be scanned at all.

### Solution

- AsReader® dramatically improved the quality and speed of scanning barcodes with the iPod touch®.
- AsReader® can complete the three-point check for tasks like administering an intravenous drip without a computer on a rolling dolly.

### Results

- AsReader® made it possible to update blood sugar levels data 4 times a day per patient on the spot.
- Nurses can choose a laptop computer on a rolling dolly or the handheld AsReader®, depending on the needs of their case.

### What is AsReader®?

A portable terminal that you can use smart device-functions on by merely mounting an iPhone®/iPod touch® to it.



### Staff opinion

When changing an IV drip in the middle of the night, the sound of a rolling dolly with a computer would annoy patients. We are so grateful that we can now quietly accomplish our task with a handheld AsReader®.

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<https://AsReader.com>

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