

Case study

Dr. Maki Sugimoto

»There might be several ScanSnap products in each hospital in the near future.«

Maki Sugimoto, Doctor



The customer

Dr. Maki Sugimoto (a specialist in digestive surgery and internal medicine) who is a surgeon at Kobe University Hospital and at Kobe University Graduate School of Medicine, is working to drive advancements in medical care. His goal is to study, develop, and educate people about innovations such as operations with robotics, high definition image analysis of diseased areas, and organ generation using 3D printers.

"For example, you use your car navigation for convenience. What if medical navigation was available in operating rooms? We should develop machines which are easy to use for every doctor by combining versatile technologies with medical technologies, and then we can turn those machines and technologies over to the next generation. Accomplishing these will not only improve the quality of medical care but also reduce pressure on the medical staff."

Integrating fresh information to improve medical skills

Dr. Sugimoto currently uses the iX500, SV600, and the iX100 to improve his healthcare services. Describing the benefits of the iX100, he said:

"Doctors move to a lot of places. In my case, I come to the Tokyo Kidney/Urology Center of Yamato Hospital regularly to provide part time service. I bring the iX100 whenever I come, to scan papers such as clinical articles, records, and announcements from research groups. This is very reassuring because getting fresh information is essential in medical society."

Digitization of handwritten operating notes is especially important. For example, detailed information on scalpel use/technique is noted on paper following the procedure and includes meticulous nuances.

The customer

Customer: Dr. Maki Sugimoto

Country: Japan

Industry: Healthcare

The challenge

Dr. Maki Sugimoto has a hard time organizing and viewing operating notes (recorded details of the procedure and indicated results) whenever he works outside of the office. In hospitals, doctors' desks are often buried under piles of mixed papers. This lack of organization can waste time and space, and may lead to lost or misplaced records.

The solution

Preserve the delicate nuances of handwritten notes by implementing high quality mobile scanning technology. The iX100 scanner allows doctors to organize, review, and access records even when they are working outside of the office. At the office, the iX500 takes care of various documents with high speed scanning of 25 ppm.

The benefits

- New data can be scanned and shared anywhere
- Easy access to information whenever necessary
- Reduced storage space

These operating notes can then be scanned by the iX100 and saved in a mobile device as image data. Reviewing the notes on his way back to the office enables him to come up with better ways to operate. The surgeon benefits by having immediate access to the records for technique improvement.

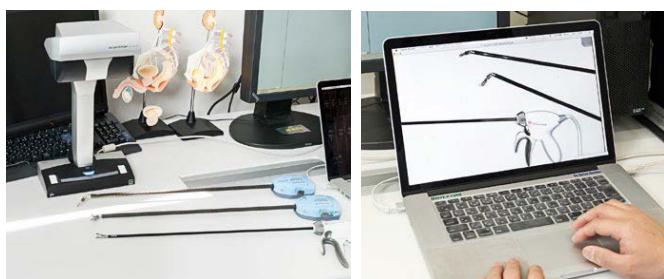
"To surgeons, hand technique is very important, so this is very useful. Compared to sharing notes via e-mail after work, using scanners is much faster. Moreover, it is also easier to share the data and I can give advice to my junior colleagues directly from his operating records."

"Handwritten documents are required in hospitals where many people have different levels of IT literacy and time is of the essence. The iX100 is a necessity in hospitals to capture those nuances from hand writing."



Scanning 3D Medical Devices with the SV600

Dr. Sugimoto showed us the SV600 scanning tiny components of a surgical robotic arm. The object can be scanned without being touched and a high definition image is generated with the SV600. It is very convenient to create images using the SV600 to make an instruction manual.



Contact

PFU LIMITED

Address: YOKOHAMA i-MARK PLACE,
4-5 Minatomirai 4-chome, Nishi-ku,
Yokohama-shi, Kanagawa 220-8567 Japan
Phone: +81-45-305-6000
Website: <http://www.pfu.fujitsu.com/>

Products and services

- ScanSnap iX100
- ScanSnap iX500
- ScanSnap SV600

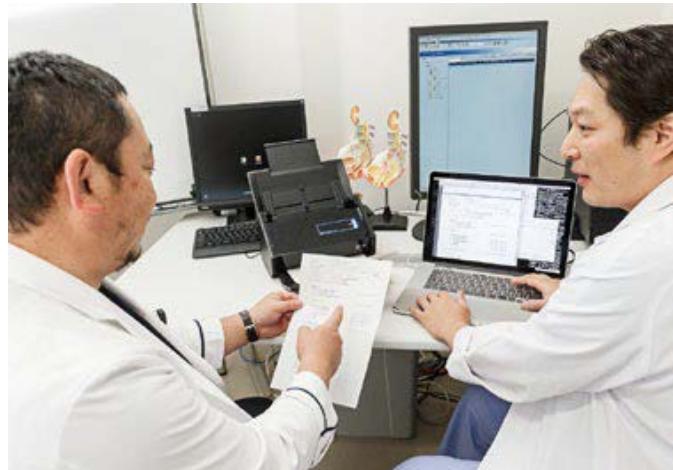
Digitizing data for accessibility

Kobe University Hospital and the Tokyo Kidney/Urology Center of Yamato Hospital each have ScanSnap iX500s in the offices of the doctors which have greatly benefited the hospital's workflow.

"Similar to an office, hospitals process many kinds of paper documents such as for administration and announcements for new medicines. If these documents stay as paper, we cannot use them as resources when we need them. However, if we digitize these documents, it is easy to organize, search for, and retrieve information. When we use ScanSnap scanners, we can minimize the time spent on finding data and reclaim storage space in the hospital."

Dr. Sugimoto also values the speed of the iX500, which may be useful in the hospital office, too.

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