

## Ambra Health Partners with MC Healthcare to Launch Cloud Medical Imaging Platform in Japan



MC Healthcare, Inc.



*"MC Healthcare will continue to contribute to improving medical services by using Ambra's imaging solutions for Japanese hospitals where efficiency and quality improvement are key initiatives."*

**OSAMU MIYASHITA**  
 CEO of MC Healthcare

### OVERVIEW

- Leading breast cancer center in Japan.
- Main Sargara Hospital & 3 clinics throughout region.
- 2 mobile mammography vans.

### CHALLENGES

- Patient imaging burned on CDs.
- CDs would need to be driven or mailed to appropriate facilities.

### SOLUTION

- Imaging now routed directly through Ambra gateway from modality to cloud.
- Images can be reviewed by physicians instantaneously.
- Patient imaging able to be exchanged for second opinion review.

### KEY METRICS



#### 8,000 HOSPITALS

Across Japan must now work together to make access to prior medical imaging flow seamlessly—a challenge that cloud platforms like Ambra are built to address.

### SUMMARY

Hakuakai Sagara Hospital was founded in 1946 in Kagoshima, Japan and since then has earned an exceptional reputation as a leading hospital specializing in breast cancer and women's health. The original philosophy of the hospital was "together pursuing the wellbeing of our patients," and they remain dedicated to providing leading medical care to patients by making the most of their unique features, women's health specialties, and technological innovations. In order to reach more women in the community, Sagara developed two mobile mammography vans. However, burning patient imaging on to CDs that then had to be driven back to the hospital for review was a long and potentially error-prone process. Today, MC Healthcare, a subsidiary company of Mitsubishi Corporation, and Ambra Health have partnered to allow instant routing of mammography images through the web to Sagara Hospital, speeding up time-to-care delivery and allowing more patient visits.

### BENEFITS WITH AMBRA:

- No more CDs
- Imaging uploaded directly to Ambra Cloud
- Second Opinion Program

## Key Benefits

### ELIMINATION OF CDS

Hakuakai Sagara Hospital in Kagoshima, Japan, is a leading hospital specializing in breast cancer and women's health and an early adopter of Ambra's industry leading imaging exchange solutions for its mobile mammography services. In order to reach more women in the community, Sagara developed two mobile mammography vans. The CDs would then be mailed or driven to the hospital or clinic facilities. Physicians would then review the imaging and if a second opinion was needed, the CD would have be mailed yet again to another facility.

“ We previously used CDs to send images back to our clinic in Tokyo for second opinion readings which was extremely time consuming and frustrating for patients. Now, second opinions can be rendered immediately with instantaneous image exchange”.

**DR. TOZAKI**  
Director of Breast Oncology  
Department at Sagara  
Women's Healthcare Group

### IMAGING UPLOADED DIRECTLY TO AMBRA CLOUD

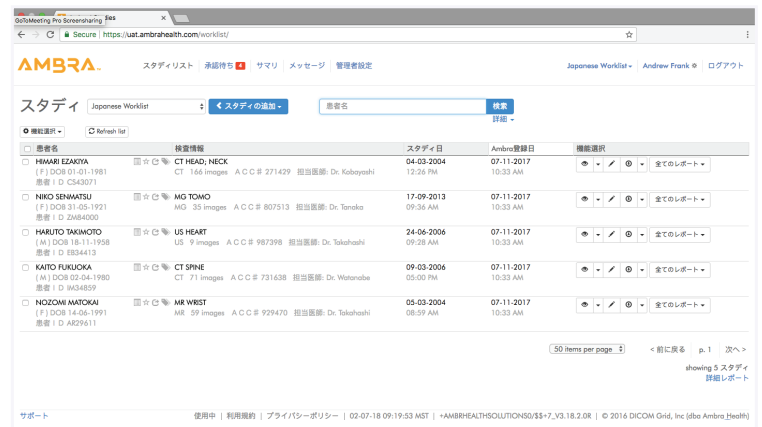
Today, with Ambra Health, imaging is uploaded directly to the cloud, allowing instant routing of mammography images through the web to Sagara Hospital, speeding time-to-care delivery and allowing more patient visits. On board the mobile mammography bus is a lightweight gateway that instantly sends imaging to the Ambra cloud.



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The imaging is then sent to Siemens Syngo PACS at the hospital and clinics where it can be viewed by physicians.

The van driver simply turns on the bus, Wifi (powered by a mobile hotspot), and gateway to get started. The Ambra platform has been fully localized for the Japanese market by becoming APPI (Act on the Protection of Personal Information) compliant, run from a datacenter in Tokyo for optimized performance, and featuring a Japanese language user interface. In total, Ambra is now available in eight different languages, including: English, Japanese, German, Spanish, Portuguese, Dutch, Chinese and Arabic, for a truly global footprint.



患者名	検査情報	スタディの日	Ambra登録日	機能選択
HIMARI EZAKIYA [F] DOB 01-01-1981 患者 I D: C843021	CT HEAD, NECK CT 166 Images A C C # 271429 読読医: Dr. Kobayashi	04-03-2004 12:26 PM	07-11-2017 10:33 AM	全体的レポート
NIKO SENWATSU [F] DOB 31-05-1921 患者 I D: 2868003	MG TOMO MG 35 Images A C C # 807513 読読医: Dr. Tanaka	17-09-2013 09:36 AM	07-11-2017 10:33 AM	全体的レポート
HARUTO TAKIMOTO [M] DOB 16-11-1958 患者 I D: E824413	US HEART US 9 Images A C C # 987398 読読医: Dr. Takahashi	24-06-2006 09:28 AM	07-11-2017 10:33 AM	全体的レポート
KAITO FUKUOKA [M] DOB 09-04-1980 患者 I D: W634859	CT SPINE CT 71 Images A C C # 731638 読読医: Dr. Watanabe	09-03-2006 05:03 PM	07-11-2017 10:33 AM	全体的レポート
NOZOMI MATSUKAI [F] DOB 14-06-1991 患者 I D: A829611	MR WRIST MR 59 Images A C C # 929470 読読医: Dr. Takahashi	05-03-2004 08:59 AM	07-11-2017 10:33 AM	全体的レポート

Everyday a CSV file filled with the patient list for the day is picked up by the gateway and feeds the modality. This populates the list on the mammography machine. Once the patients completes their imaging, it is sent immediately.