Your Phone, Your HIS

MobiHIS

MobiHIS App is a mobile based ward round system designed for smart phones and tablets. The application provides medical staff with full access to patient data while fulfilling the practice of filmless and paperless healthcare environment. With a user-friendly interface and intuitive workflow, MobiHIS App enables one-hand usability for medical staffs to multitask on the go. From the viewpoints of system stability and data security, MobiHIS App replaces a metadata server with Web API for direct data retrieval. This approach also reduces data transmission errors over the open public network. The introduction of MobiHIS brings more efficiency to the ward round and improves overall quality of patient care.

Feature Highlights

» User-oriented interface & smart search
» Patient data & records are fully presented
» High quality in accessing image
» Recording medical order wherever and whenever
» Real-time push notifications
» Offline mode

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A Quick Overview

User-Oriented Interface and Filter Design

With over 30 years of experience in medical imaging systems, we have collected users' feedback and transferred it to MobiHIS App, ensuring medical staff to always have the best viewing experience. Doctors no longer need to spend time on finding each patient's medical record, and each user has his/her own list of patients. With the system's built-in filter and quick search, users can quickly sort data and find the designated patient. All patient data is organized in a hierarchical structure for more accurate search results. The use of different tags in the system also helps facilitate the process of medical staff identifying the patient's condition and prevent misunderstanding caused by poor handwriting.

Complete View of Patient Information and Record

MobiHIS App provides patient information listed in the Electronic Medical Record (EMR) and is fully customizable. Patient information covers Admission/Discharge Notes, Patient Medications, Progress Notes, Vital Signs (TPR), Pathology Reports, Operation Notes, etc. All these can be viewed instantly on mobile devices carried by medical staff. To make the process of ward round more efficient, TPR contains both numeral and graphic data for easy understanding of changes and effectiveness in the patient's health condition and treatment, respectively. Operation Notes also provide medical staff with both textual and surgical imaging data for better assessment and tracking the patient's injury after surgery.

High Quality Imaging Data Retrieval

MobiHIS App now is fully integrated with MobiPACS App, EBM's flagship mobile DICOM viewer that's cleared by FDA class II for diagnosis. The integration enables MobiHIS App to perform features such as fast image retrieval, multi-frame image viewing/display and more. By combining the systems into one, MobiHIS App provides staff members with extra convenience in ward round.

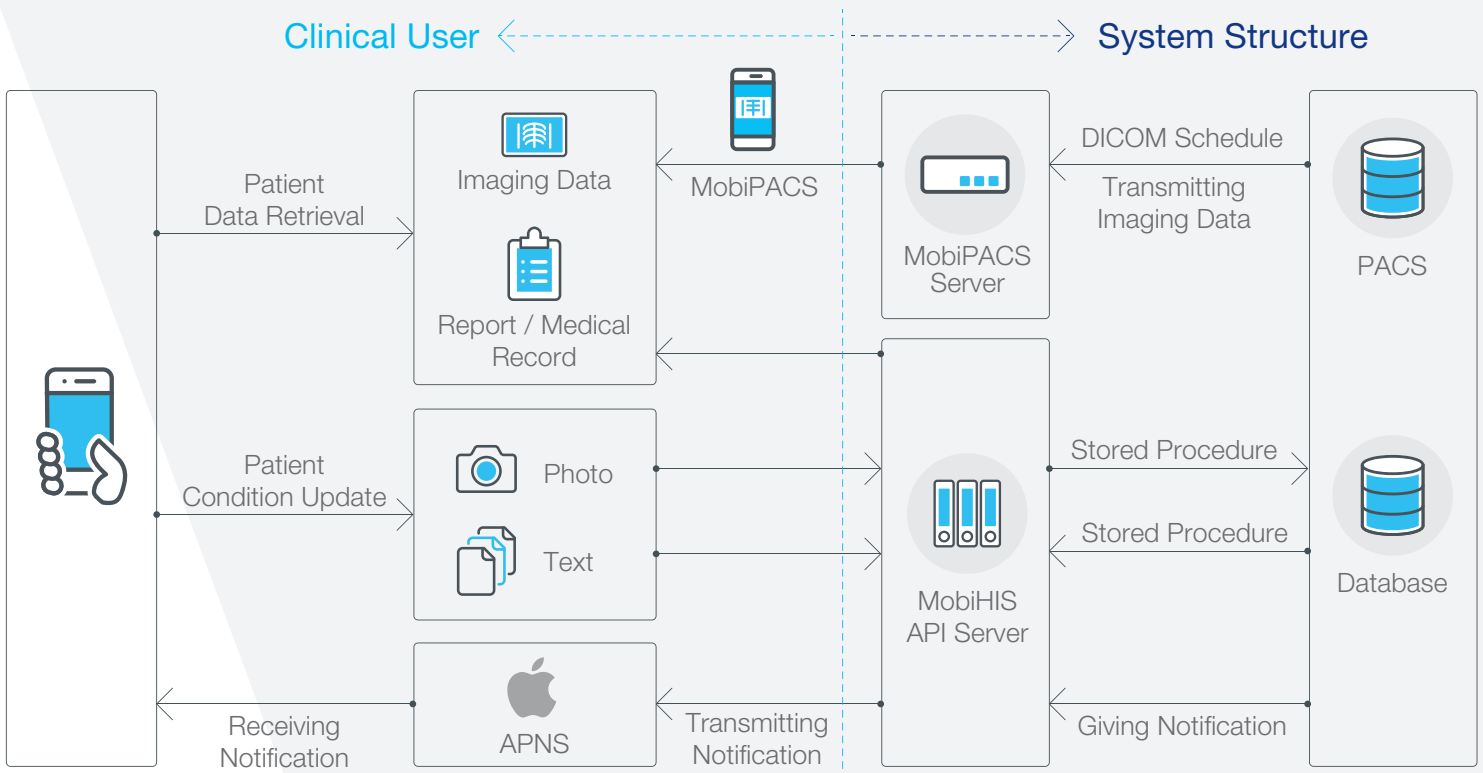## Instant Upload and Save Doctor's Notes on Ward Round

MobiHIS App is not only a system simply showing patient data. The ward round system supports two-way communication, meaning medical staff can also send updates of patient health conditions to the server when it's needed. Users can choose to upload either text or photos to their own cloud space for future follow-up purposes.

Push Notification System

Integrated with Apple®'s Push Notification Service (APNS), MobiHIS delivers clinical alerts to staff members on their mobile devices. Patient vital changes (CAS), drug misused treatments, lab results, and other important updates can all be reviewed in real-time on MobiHIS as soon as nurses and doctors receive the notifications.

Offline Mode

The offline mode is exclusively designed for MobiHIS and expands the its usability to outside the hospital. When the offline mode is on, MobiHIS can opt to download and temporarily save patient data in local storage. Staff members then can review patient data without an Internet connection; for security and safety concern, MobiHIS will automatically remove all downloaded patient data after 24hrs. This feature is particularly helpful for hospital with poor Internet reception or remote areas such as offshore islands where it lacks internet coverage.

Clinical User ‹----------------------› System Structure

Patient Data Retrieval

Imaging Data

MobiPACS

MobiPACS Server

DICOM Schedule

Transmitting Imaging Data

PACS

Report / Medical Record

Patient Condition Update

Photo

Text

Stored Procedure

Stored Procedure

MobiHIS API Server

Database

Receiving Notification

APNS

Transmitting Notification

Giving Notification

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About EBM Technologies

EBM Technologies is a leading total solution provider of medical imaging systems, specialized in picture archiving and communication system (PACS) and systems for Personal Health Record (PHR) and Electronic Medical Records (EMR). Founded in 1988 in Taiwan, EBM Technologies has since expanded globally with a total of 150 employees and more than 3,500 hospitals being installed with our PACS across regions of Asia, North America, and soon to the Middle East. To meet the ever-evolving market demand, we have shifted our focus to mobile medical applications and AI integration solutions. At EBM Technologies, we strive to improve our products and services above and beyond industry standards for a better future in the healthcare sector. To find out more about us, visit our website: www.ebmtech.com

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