

## **Developing MRD, Inward/Outward, Birth/Death Certificates, and Equipment Management Modules along with the creation of Statistical MIS reports for a Government Hospital**

### **Client:**

The Client is a Government Hospital in Karnataka, India. The hospital plays a major role in serving the society at large, not only in terms of providing tertiary health care services to the needy, but also by developing resources in terms of healthcare providers and researches. The hospital caters to the needs of over 700 patients each day.

### **Need:**

Facility to enter the Patient clinical information including ICD and CPT classification codes for diseases, diagnostic, surgical procedures by users in medical department, creation of Census statistics reports, monitor inward/outward file movement, issue birth/death certificates, Maintain Blood bank information and manage medical equipments.

### **Solution:**

Cintiti – Health MRD (Medical Record Department) Module was developed to maintain the clinical data of the patients. The module has built in ICD and CPT codes that are based on medical record documentation. The module helped the physicians to completely automate the clinical diagnosis and procedures with well coordinated system thereby reducing errors.

We provided inward/Outward Module for managing all the register of movements In and Out of the hospital in a systematic way. The module helped in handling the movement of documents/files within hospital department offices or other hospitals/departments. An option to create birth and death certificate was provided in the software. The birth or death information was electronically entered and printed easily.

A Blood Bank Module was developed in Cintiti – Health HIMS for maintaining various blood bank related activities. The module provided ready information about the blood stock, requisitions, Issual, discard etc. Evangelsoft also developed Equipment Management module to help the hospital users in collecting and managing the data on all equipments and provided analysis and reporting.

Statistical data Reports based on MCI guidelines were created for the hospital. The statistical reports were based on hospitals, CHC, PHC, Taluk and Districts.

### **Benefits:**

- Easy Patient File Tracking.
- Birth/death certificates that conform to the MCI guidelines.
- Keeps track of Inward and Outward register movement.
- Medical statistics report generation as per Medical Council of India standards.
- Generation of patient statistics based on the codes entered.
- Helped the hospital management in quick decision making.
- Manage Blood bank department more efficiently by integrating donor, unit & patient information.
- User complaints registration, equipment condemnation, and auction.
- Statistical reports for the equipments.