

Eswasthya

The computerized OPD Registration System for District Hospital Bomdila

Project Status: Completed

Health management of a District required monitoring of the health status of the population, the provision of services as to the coverage and utility, drugs stocks and consumption patterns, equipment status & availability and finances on a regular basis. Timely, accurate and up-to-date information was required to ensure appropriate provision of health services.

e-Swasthya is a computerized OPD Registration software designed and developed by National Informatics Centre (NIC), Arunachal Pradesh State Centre, Department of Electronics & Information Technology, Ministry of Communications and Information Technology, Government of India. Using this software the hospital management can automate in-hospital activities as well as user services. The software can be implemented either in stand-alone or LAN/Web based where database is installed on the server PC while the data entry can be done on client PCs. The software runs on Windows platform only.

e- Swasthya was started as an in-house project at NIC, Tirap District Centre, Arunachal Pradesh and first version of the software was designed for the District Hospital, Khonsa during the year 2008. It was then named as “Dhanvantri” later, NIC West Kameng District redesigned the software for District Hospital, Bomdila and renamed it as e-Swasthya in the year 2010.

While designing this easy to use application software, it was ensured that details of patients’ registrations, diagnosis and illness history, identifications of diseases, drugs management etc. are considered and also an accounting of revenue generated on account of fee charged (though very nominal like OPD Registration fee) is kept in purview. E-Swasthya was designed and developed to deliver real conceivable benefits to hospitals and patients.

Outcomes of the project:

1. There was more transparency in the system since each patient was registered and fee charged from them was now accounted for. The system received an overwhelming response from the people.
2. The patients at the OPD are recorded whereas earlier there was no record of patients who were coming for follow up checkups.
3. The District Medical Officer as also the Disease Surveillance Officer could now keep an eye on any unnatural increase in numbers of patients suffering from any particular disease from any particular village or circle and take timely remedial measures by sending team of Doctors to the affected area.
4. The minimal registration fee and the very nominal fee for various tests performed in the District Hospital allowed even very poor patients to get quality treatment in the District Hospital itself.
5. Earlier, there was no record of old patients as they approached the Doctors directly. The Hospital records never maintained any history of patients coming for follow up check-ups but now with the old cases getting registered, it was easy for the Hospital to keep a track of old patients diagnosis and plan accordingly.

6. e-Swasthya saved the time and energy of the Doctors who earlier spent a lot of their time in manually entering the details of each patient. This resulted in Doctors getting more time to see more number of patients during hospital hours.

District Level Project Team:

Sl. No.	Name of the Officer	Designation	Department
1.	Smti. Swati Sharma, IAS	Deputy Commissioner	West Kameng District Administration
2.	Sh. P. K. Thungon	DIO/Scientist-B	NIC
3.	Sh. Bimal Chandra Borah	ADIO/Scientific Officer/ Engineer-SB	NIC