

HEALTH MANAGEMENT INFORMATION SYSTEM

Making medical care intelligent

The Health Management Information System analyses all the information from Hospital Management System including information from and about clinical equipment, doctors, lab, dispensaries, telemedicine etc system to formulate reports and recommendations for the healthcare departments and staff. It provides the underpinnings for decision-making and has four key functions: data generation, compilation, analysis and synthesis, and communication and use. The system analyses the data and converts data into information for health-related decision-making.



Health facilities data (hospitals/ clinical equipment/ doctors/ lab/ dispensaries/ telemedicine etc)

Patient information (illness/ symptoms/ locality/ age/ gender) Clinical administration and results (eg. Dengue, Covid 19)



Healthcare Information Management System



IMPACT

- Predict disease outbreaks, spreading patterns to contain them effectively
- Increased effectiveness and efficiency of healthcare system
- Better preparedness to deal with emergencies
- Reduced operational expenses and improved workflow optimization
- Circumvention of human and medical errors

INDIA URBAN DATA EXCHANGE

CITIZEN BENEFIT



Enhanced efficiency and patient care



Improved medical infrastructure and facilities

HOW IUDX MAKES THIS USE CASE BETTER AND EASIER TO BUILD?

- Use cases built for one city can easily be ported to another.
- Opportunity for partners to scale engagement across multiple cities with IUDX facilitation.
- Easy access to city data held by city administration, which otherwise might be difficult to obtain.
- IUDX acts like a bridge between city specific implementation and global standards.
- Reduced development cost IUDX provides an open source foundation to build upon, with standard interfaces simplifying implementation.
- For this use case, IUDX acts as a bridge between implementation partners, city
 officials and vendors.
- IUDX ensures availability of high quality data.

