

**I-IDRMS** is an Intelligent-Infectious Disease Risk Management System.

The objective of the system is to provide an integral platform with analytical, artificial intelligence and hospital process tools that allow the effective attention of patients with contagious illnesses and generates suitable data for decision-making at risk situations.

The system is filled with 5 modules that facilitate the tracking of infected cases and the projection of infected areas; integrates the data of the health institutions and the infrastructure used for emergency attention; virtual screening, medical record, and resource management for

treating patients in nonhospital areas; the patient inventory sheet, monitoring the patient's evolution and needs; and the analysis of the patient's digital behavior.

With **i-IDRMS** mange wisely the risk for infected diseases in your territory. Create a quick map of possible people with signs and symptoms of the virus and their impact on close people and community. Project, using digital information from the patients, the zones of the territory and the people who are or were exposed to a contagious situation; exchange vital information with the infected patient and their emergency response teams, all of these with the highest information security standards.

## **i-IDRMS PLATFORM**

Tracking of infected cases and events of infections

- Create a heat map per case, generate global and specific zones of possible people with signs and symptoms of the virus and infected ones.
- Build the patient's information of the infection and correlate it with her-his historic behavior in social media.
- Project, using digital information from the patients, the zones of the territory and the people who are or were exposed to a contagious situation.

Inventory of Hospitalized And in Quarantine Patients

- ◆ Geoposition of the patients in their quarantine areas and send them to the emergency services of their location.
- Control of the delivery of supply orders and gathering of patient's waste.
- \* Remote patient monitoring.
- Exchange of vital information with the infected patients in their isolation areas.

Real inventory of available medical assistance capacity

- Automatic surveys that allow the inventory of available beds, ICUs, hospitals and emergency centers, among others.
- Geoposition of supplies inventory.
- Monitoring of the inventory and the available resources for the emergency in order to predict crashes in the areas of influence..

Screening of patients with symptomatology or suspicion of the virus

- Software of the patient's medical record that specializes in infectious diseases (special parameters for COVID-19).
- Virtual screening of patients.
- Screening of patients with symptomatology or suspicion of the virus through video call.

Analytics service



- Incorporates social media information and/or pictures of the patient's trip(s).
- Identification, through information shared on social media, of places and contacted people (shows pictures of visited places, how long it has been since the visit, and the faces of people who were with patient during the trip)

