Tele-HealthCare.org   JAROKA

SALIENT FATURES

Following services are provided through unique and scalable Jaroka system:
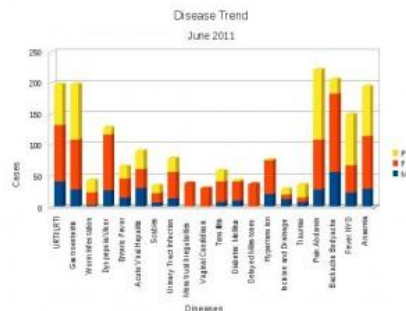
Real-Time Electronic Medical Records Tracking

The main features of the system includes patient registration, appointment, patient history and medical records, including DiCOM image and prescriptions.

Cellphone based services

The system provides the following mobile services:

-New patient registration
-Patient Diagnosis and Treatment
-Review Diagnosis
-Tracking Vaccinations
-Medical alerts
-Disease Dictionary
-MMS of Patients medical images.
-Short training videos

GPS Driven Health Maps

The system supports tracking patients and their locations to better understand disease trends geographically.

The top diseases are plotted and displayed online to see which are the worst affecting ailments in the area.

MISSION

Jaroka aims to provide subsidized and affordable healthcare services to the rural communities in Pakistan on a sustainable basis.
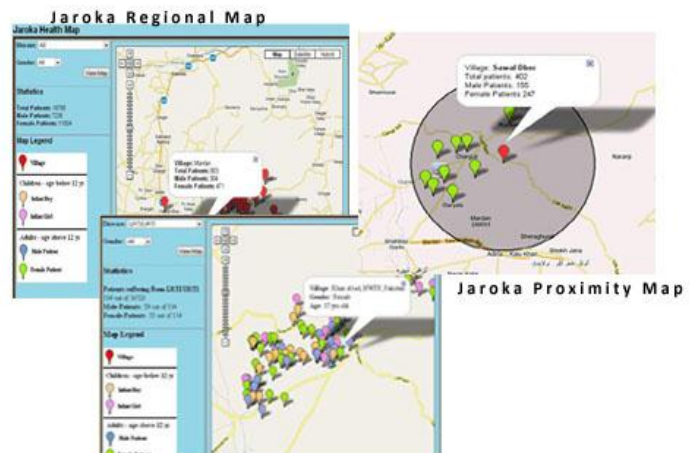
INTRODUCTION

Jaroka tele-healthcare utilizes the power of cell phones and web technologies to provide better quality health services to rural and disaster hit communities. The Jaroka system is currently implemented at UM Hospital in Village Zahidabad, Mardan District, KPK. It tracks 50,000 treatments annually through the system.

BENEFITS

- The system is provided on a SaaS (Software As a Service) model and therefore can be deployed at any facility within minutes.
- Can be easily Replicated to other remote areas.
- Scalable solution.
- Low cost of implementation.
- User friendly and interactive interface.
- Access to latest medical information.
- Capacity building of medical professionals.
- Can operate even on dial up Internet.
- Electronically stores, access, share and track patients.
- Visual depiction of disease trends and outbreaks.

OUR APPROACH

Jaroka system uses Web, SMS, MMS , and data services to share and efficiently extend medical advice to rural health workers in the field by connecting them to a network of specialists. This enables rural health workers to provide better quality healthcare to resource challenged communities. This system allows clinicians access to patient information where there is only basic cell phone coverage and no web access or

Disease Trend June 2011

Jaroka Regional Map

Jaroka Proximity Map

Spatial Map showing disease category

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