

# Electronic Medical Record Solution for Universities, Hospitals & Inpatient Clinics

## Objective

In today's day and age, patient care is one of the most critical aspects of healthcare. An integrated approach is required to collaborate, doctors, patients, medical service providers. Prescriptions, vaccines need to be tracked and understand how patients are using them to improve care. Rishabh Software developed an EHR systems for a US-based university to familiarize its medical students with EMR and implement planned patient care using OpenEMR. Currently, the university is using a student portal built in WordPress, and we helped to integrated WordPress with OpenEMR to streamline the registration process.

## Challenges

- Patient information visibility
- Patient tracking and billing
- User Experience leading to many human errors
- Lack of patient reports

## Approach

Rishabh Software's team understood the client's pain areas and developed a robust plan for analyzing the current IT ecosystem and developing an EMR system. There are many EHR systems available, and we selected OpenEMR with its compliance with US healthcare standards and the robust data security. We first integrated the database of WordPress with OpenEMR, to avoid data redundancy. The user interface of OpenEMR is quite primary, and we developed custom CSS and HTML for improving the usability of the solution. Many feature components are developed like

- University/Student Management
- Meeting/Schedule Management
- Practitioner Management
- Patient & Doctor Reports
- Patient Management
- Messaging & Communication

The EMR solution was developed to serve three primary users – Portal Administrator, Patients, and Doctors. The web-based EMR solution also helped to streamline the patient care lifecycle with the availability of accurate patient information in real-time.

## Business Benefits

- ICD 10 Code Compliant
- Streamlined patient care management lifecycle
- Scalable Cloud-based EMR solution
- Improved user experience with real-time patient information
- Accurate patient medical reports with predictive care analysis

## Industry Segment

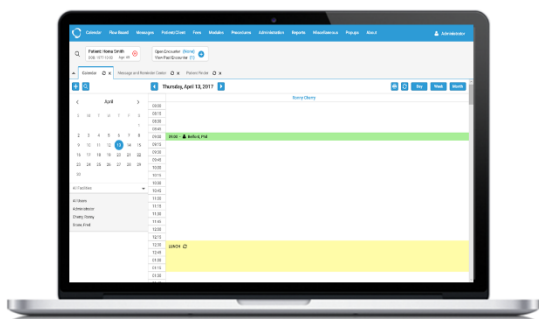
Education

## Customer Profile

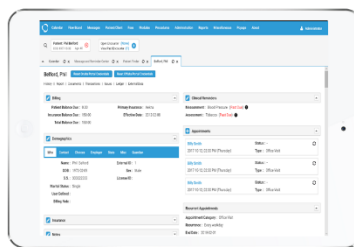
A leading medical university in the United States of America

## Technology and Tools

- OpenEMR
- WordPress
- HTML
- CSS
- MySQL
- JavaScript/ JQuery



Dashboard



Patient Summary

## About Rishabh Software

Rishabh Software is a CMMI 3, ISO9001, ISO 27001, Microsoft Gold Partner & Oracle Gold Partner providing application development services & solutions to mid-sized enterprises globally through our offices in the US, UK and India. We leverage the latest technology stacks in Cloud, Mobile, Business Intelligence and other Enterprise technologies helping clients to get the best value of their IT budget. With our team of 250+ application developers, we have implemented 1000+ successful projects across 24 countries. We work on .NET, Java, PHP, iOS, Android, Oracle, IBM and Open Source technologies.



www.rishabhsoft.com

sales@rishabhsoft.com

US: +1 877 747 4224

UK: +44 207 993 8162