

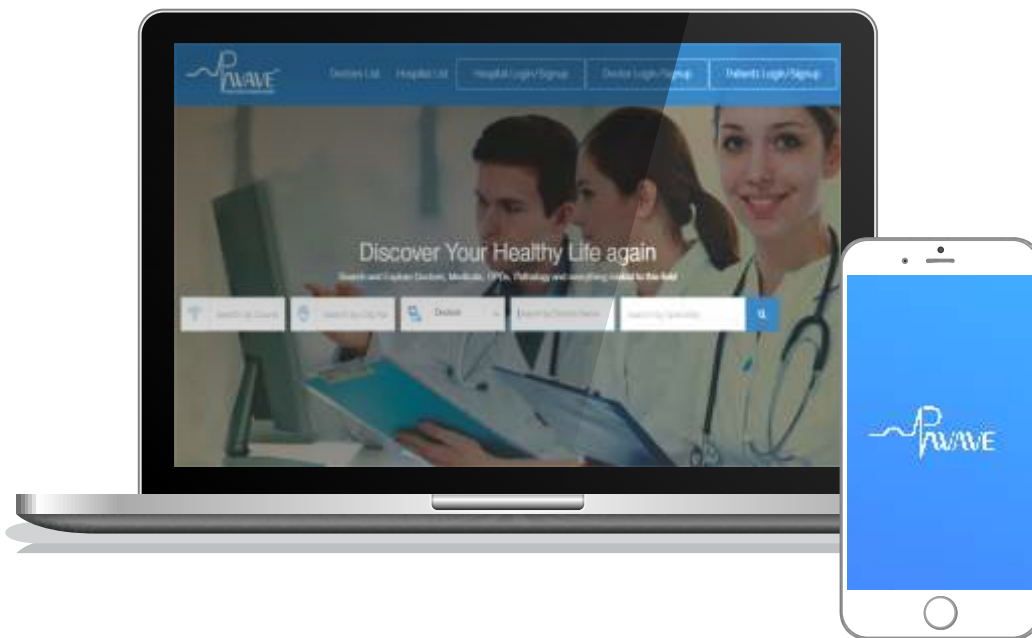


Transforming Healthcare With Automation

PWAVE TECHNOLOGIES

Pwave Technologies is a top notch software company that works on Artificial Intelligence to provide an array of products for all the stakeholders in the Healthcare Industry. Pwave aims to **integrate Indian Healthcare** by providing both cloud as well as non-cloud based softwares. Since inception, we've been developing healthcare solutions for multiple countries across the globe.

Our Products are utilizing the latest artificial intelligence technology to make the work easier for all participants namely Doctors, Pharmacies, Pathologies and Hospitals.



The Products and services are catering to the entire healthcare segment, like Laboratory Management System (LIS), Hospital Information Management System (HIMS), Doctor's e-Prescription, Scheduling and Appointment booking systems, Chemist inventory management solution and a unique child and women health monitoring and tracking software. In this context, with our exclusive focus on healthcare, our dedicated team and understanding of healthcare segment in International as well as Indian context together make us very eligible candidate for healthcare automation projects.

GLOBAL BRANDS WHO TRUST US



USA

nutrimedrx

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eDe
Dental Esthetics

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USA



INDIA



ZIMBABWE



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DUBAI

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रिटेल

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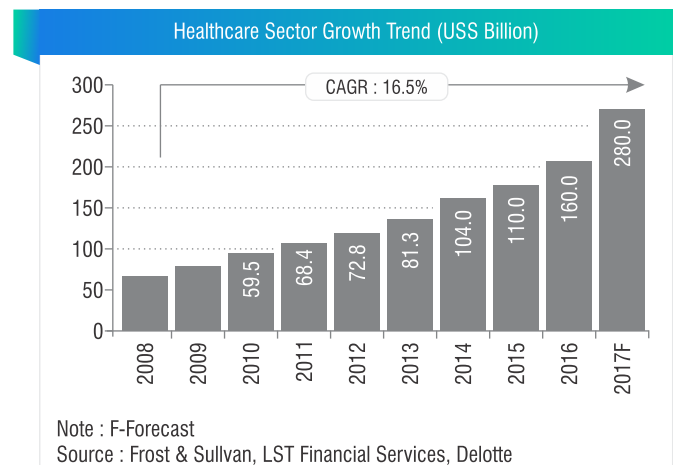
INDIA

INDIAN GOVERNMENT HAS TAKEN STEPS TO UNIFY HEALTHCARE AS:



Date : 09 Jan 2015

Article talks about **Mr. Narendra Modi's** instructions to Health Ministry to establish mechanisms to ensure accountability among doctors and health officials in public sector. He also called for institutionalizing a comprehensive database, containing individual health records, which could be eventually linked to the Aadhar system.



As per the code of **Medical Ethics from MCI (Section 1.3)**, every practitioner must keep a record of patient prescription and should be able to furnish the data within 72 hours of request made by legal authorities. Pwave Healthcare system will make the process paperless and efficient to retrieve such record and transfer this within a few seconds.

Source : <https://www.bhaskar.com>

Source : <https://www.thenewsminute.com>

D.B SPL: अब देश के किसी भी हिस्से में डॉक्टर को नहीं दूढ़नी पड़ेगी आपकी मेडिकल हिस्ट्री

अब भी मरीज किसी डॉक्टर के पास देश के किसी भी हिस्से में जाएंगे, डॉक्टर को एक क्लिक से मरीज से जुड़ी सभी चींमारी, जान सकेगा।

राजीव ठाकुर | Last Modified - Aug 03, 2016, 07:01 AM IST

बई क्लिक: अब भी मरीज किसी डॉक्टर के पास देश के किसी भी हिस्से में जाएंगे, डॉक्टर को एक क्लिक से मरीज से जुड़ी सभी चींमारी के बारे में जान सकेगा। डॉक्टर को मरीज के लिए प्रीलिमिनर क्वॉर्ड, यॉग्यता और पर्येज संबंधी जानकारी हमिल हो जयगी। इसके न केवल इलाज में टेस्ट से बच जा सकेगा, बल्कि मरीज को बिल देते के जरूरी ट्रेटमेंट तकिल हो पयगा। **बताना होना अजब अपार संबर...**

- अईटी संरचना के तहत काम करने वाले सिस्टम सी-डेटा से संभारक हेल्थ डेटा सहीन बमका प्रोग्राम तैयार किया है।
- इसके तहत मरीज को अपने इलाज के दौरान अपना अडार संबर बाधना होगा। उसके अडार पर उसका हेल्थ रिकॉर्ड लखतः पर कोल बिच जयगा।

- सिस्टम से इस योजना का प्रेडिक्शन हेल्थ सेक्टर के सामने किया जा, जिसे मजूरी भी मिल गई है। ये योजना संघ सरकार के ई-अस्पताल योजना के तहत शुरू की जा रही है।

पहले यहां शुरू होगी योजना

- पहले चरण में यह योजना पंजा, समबतः अस्पताल और राजसोहर लॉसिल अस्पताल के सब ही देश के सभी पंजा अस्पतालों और सीरीयपयत अस्पतालों में लागू की जयगी।

- उसके बाद इसे सभी राज्य के सरकारी अस्पतालों में लागू किया जयगा। एक मस में इस पर काम शुरू हो जयगा।

Andhra's war on fake doctors:

All prescriptions, Pharmacies to go digital



Very soon, a handwritten prescription from a doctor in illegible scribble won't do at a pharmacy in Andhra Pradesh. In a first-of-its-kind initiative in the country, sale of medicines will be possible only through digital prescriptions.

The project is being rolled out because it is felt that with over 60,000 quacks in Andhra Pradesh, reckless prescriptions are resulting in anti-microbial resistance, a huge health threat. The Comprehensive Drug Monitoring System (CDMS) is being finetuned at a cost of Rs 1.2 crore. honoured by the pharmacies.

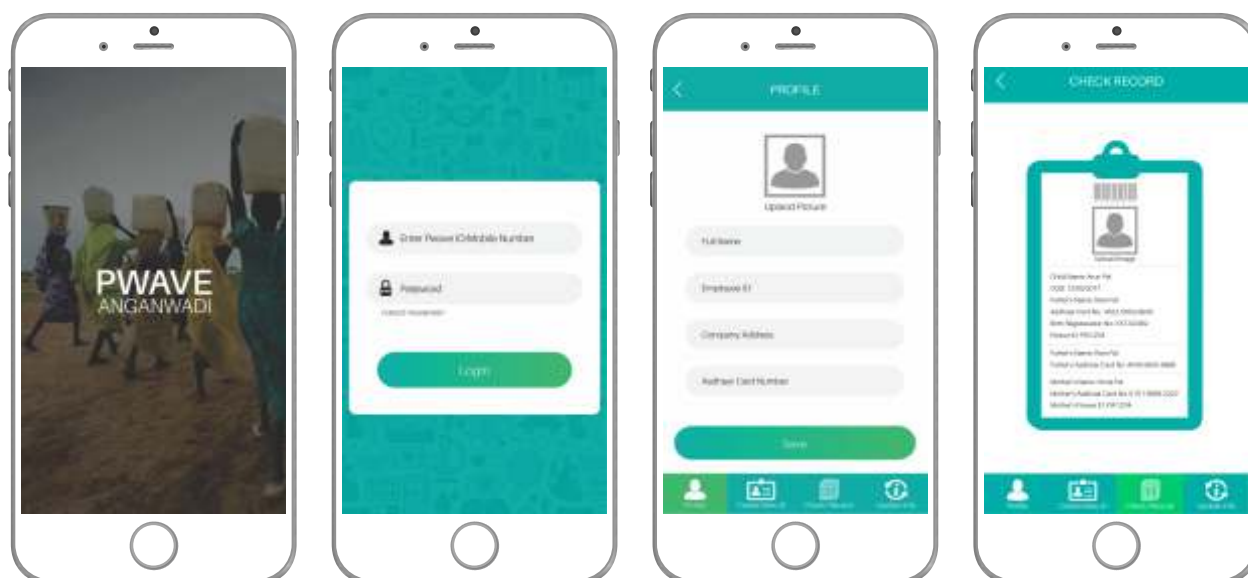
Source: www.ibef.org

- The Union Cabinet approved setting up of **National Nutrition Mission (NNM)** with a three year budget of Rs 9,046.17 crore (US\$ 1.40 billion) to monitor, supervise, fix targets and guide the nutrition related interventions across the Ministries.
- The Government of India aims to increase the total health expenditure to 2.5 per cent of **Gross Domestic Product (GDP)** by 2025 from the current 1.15 per cent.
- In March 2018, the Union Cabinet of India approved the continuation of National Health Mission with a budget of Rs 85,217 crore (US\$ 13.16 billion) from 1st April 2017 to 31st March 2020.

DIRECT BENEFITS TO GOVERNMENT

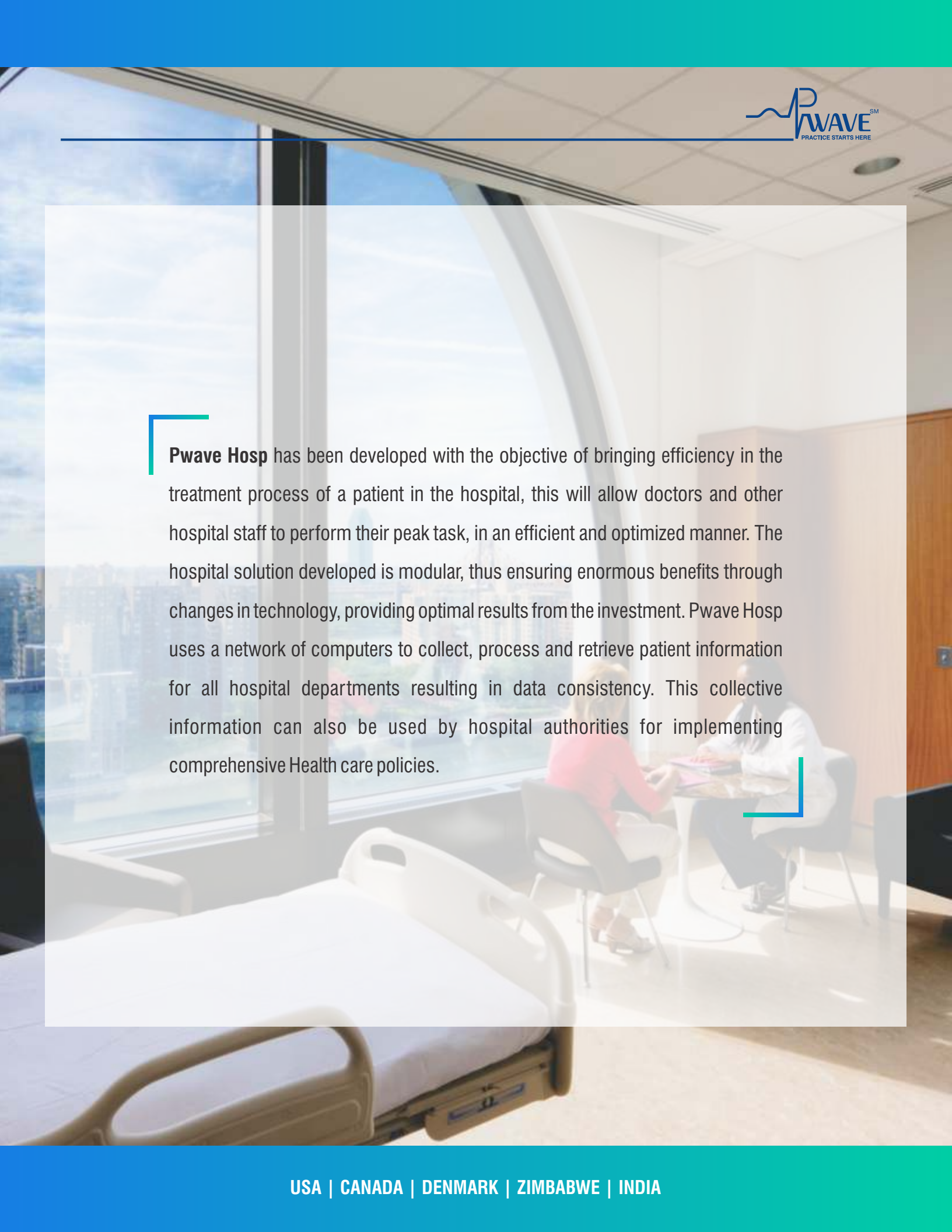
- 100% Budget Audit and Monitoring
- Better Budget allocation for all state and central health schemes
- Generating real time statistics
- Ensuring proper health records of the nation and devise effective policies
- Presenting transparent data for grants from center/WHO other such organizations
- Ensuring proper vaccination to children and securing country's future generations
- Providing preventive care to eradicate/control epidemics in real time
- Inspired from Central Government Initiative of Digitalizing India
- Possibility of finding new insights on factors affecting child/mother's health
- Better and active monitoring of health care centers working
- Analytics can help us create our own reference ranges in future to raise alert, so resources are well directed and not wasted.





KEY DATA POINTS WHICH CAN BE TRACKED AFTER IMPLEMENTATION

- Monitoring Real time Sex Ratio- Male : Female
- Perinatal Mortality Rate, Neonatal Mortality Rate, Infant Mortality Rate
- Maternal Mortality Rates
- Vaccination Rates and implementation statistics
- Growth Chart and Demography wise statistics
- Government can highlight active Interventions taken to bring back malnourished child on road to health, completing immunization.
- Identification of Key Performance Indicators and producing several kinds of analysis
- Real time alerts on possible outbreak of epidemic diseases and ensures precautionary steps and allocate budget for awareness campaigns in affected areas.



Pwave Hosp has been developed with the objective of bringing efficiency in the treatment process of a patient in the hospital, this will allow doctors and other hospital staff to perform their peak task, in an efficient and optimized manner. The hospital solution developed is modular, thus ensuring enormous benefits through changes in technology, providing optimal results from the investment. Pwave Hosp uses a network of computers to collect, process and retrieve patient information for all hospital departments resulting in data consistency. This collective information can also be used by hospital authorities for implementing comprehensive Health care policies.



PWAVEHOSP

PWAVEHOSP

Hospital Software implementation is the first step in getting **NABH Accredited**. Hospital Software helps you in increasing the efficiency of your staff, reducing wastages and keeping the patient records secured. It will help the doctors in identifying the patient treatment history and suggesting them proper medication.

WHAT IS PWAVEHOSP

PwaveHOSP is advanced artificial intelligence based software that integrates all departments of hospitals. Pwave hospital is one of the most advanced software that can work with all operating systems. Using Pwave Hospital Software, all patient activities can be tracked in a single click and proper medication can be advised. Once implemented, it helps in increasing efficiency and enhancing your hospital's brand.

USP OF PWAVE HOSPITAL MANAGEMENT SYSTEM (HIMS)

- **OS Independent**

Pwave HIMS can run on any operating system. This allows you to run the software with or without Windows Operating System.

- **Multi-Window**

Multiple browsing windows in the same operating system could be opened which gives the operator a convenience of checking multiple things simultaneously.

- **Reduced Turn Around Time**

Most irritating thing for family and patients is to wait for almost half a day in hospital while the hospital management prepares bill, after the provisional discharge, our software takes only few minutes to calculate the billing and patient can be discharged much earlier

- **Artificial Intelligence based billing**

Pwave system uses artificial intelligence to analyze patient, disease and drug data, which helps in accurate diagnosis. The prescription data put in the system is intelligently gathered by the system to recommend in the next prescription.

- **Predictive Analysis**

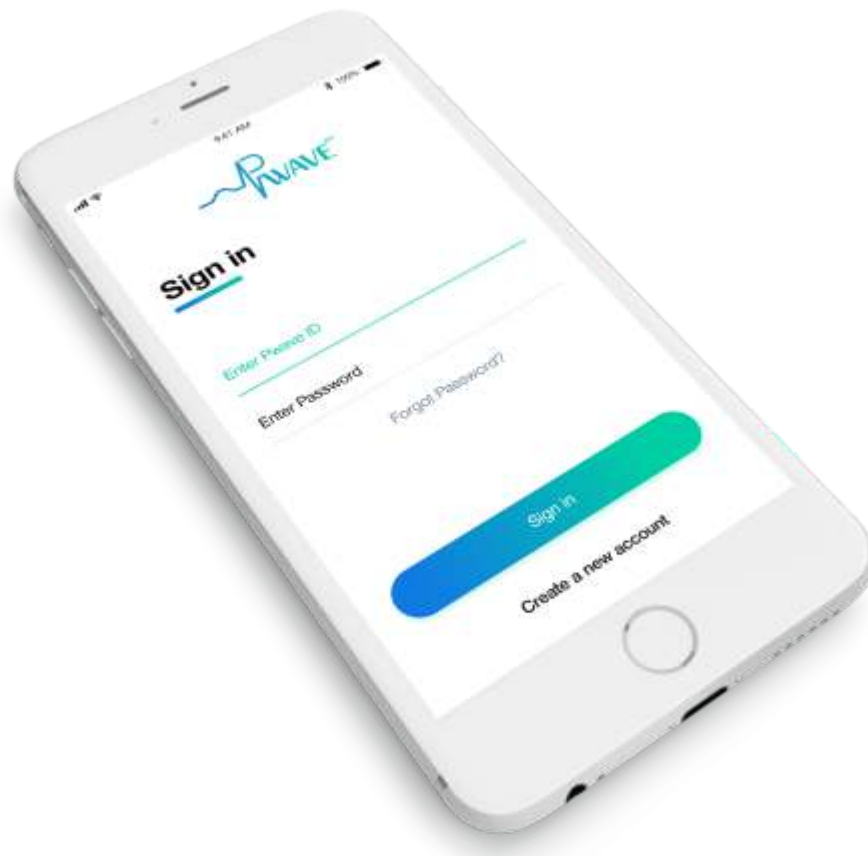
Pwave system utilizes predictive analysis to predict the next prescription which is important for reducing doctor's precious time

- **Optional Online System**

Hospitals have the option of maintaining the online systems. Benefit of online system includes accessing hospital key data anytime, anywhere and anyplace.

KEY BENEFITS

- System earns money and gets free in a couple of months itself
- Integration with Pathology, Pharmacy, Doctor and Reception
- Reduced Operational Cost by the use of artificial intelligence and auto populating registers
- Key Statistics directly on your finger tips
- Automatic notifications to keep the staff informed on their toes
- Discharge Summary, Procedure Summary, OT Summary and Patient Record automatically in Electronic Format



SAMPLE E-PRESCRIPTION PANEL

PATIENT TREATMENT DASHBOARD
Treat. History
Plan Discharge
Change Bed
OT Procedure

PT NAME : ██████████ **AGE/ SEX/ Bl. Grp :** 47/ Male **PT ID :** 170218002 **Admit Id :** A0074 **Ad Date :** 17-02-2017
Diagnosis : Headache **Final Diagnosis :** Migraine **Cons. Inc. :** Angel Hospital Doctor,

Admit History
Obst/M. H/o
Vital Sign
Services
Prescription
Visiting Dr.
Procedure
INV. ORDER
Dis. Summary

Bed : 100 /Casualty

Presenting C/O :
Temp:98, SP02:100/70, RR:14, PR:100, OTH:
C/O headache

Admit History : Smoking

Vital Sign :

Time	Temp	SP02	BP	RR	PR	In	Out	OTH
11:09	67	98	170/70	12	100	500	200	

Investigations
Path Icon - Rad Icon

Bed Side Procedures:

Procedure	Performed by	Time	Remark
Urinary Catheterization	Duty Doctor Name	15:32	

Visiting Doctor: 11:14, Sarvamitra Bhargava,
Instructions:

Doctors Note:
Duty Doctor Name- 17:29, GC stable, Advised Neurologists opinion

Baby Advice:
Inj Vit K 1mg stat,

ABOVE PANEL SHOWS

- Patient's dashboard, containing general information
- Patient's vital signs, Investigations and Admission history
- All Bed-side Procedures with instructions
- Doctor's notes and diagnosis and advice
- E-prescriptions with dosage time and frequency

CONCLUSION

Healthcare IT Solutions

Our healthcare IT services division help you to provide actionable insights and deliver a wealth of benefits and cost savings. Get the most out of your hospital's IT investment. We work with healthcare leaders and providing healthcare software solutions in many countries to care for more people, in better ways.

Why you need HealthCare IT Solutions?

The need of trustworthy Healthcare provider data has never been more than now. Health plans are increasingly turning to their data to get insights into their business, meet market challenges and new regulatory mandates. Establishing a robust approach to collecting and maintaining high quality provider data is a challenge and also an opportunity to realize true value of provider data.

BENEFITS OF IMPLEMENTING IT HEALTHCARE SOLUTIONS

- Greater Data Availability and Transparency
- Reduced Risk of Information Error
- Improved Ease of Work for Medical Staff
- Ease in Electronic Medical Record management
- Reduced Operational Cost by the use of artificial intelligence and auto populating registers
- Key Statistics directly on your finger tips
- Customer CRM and loyalty points system

ADVANCE MONITORING GOVERNANCE

- Better Budget allocation for all state and central health schemes
- Generating real time statistics
- Ensuring proper health records of the nation and devise effective policies
- Monitoring Real time Sex Ratio - Male : Female
- Perinatal Mortality Rate, Neonatal Mortality Rate, Infant Mortality Rate

POST IMPLEMENTATION BENIFITS





An Initiative By :

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Transforming Healthcare With Automation

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